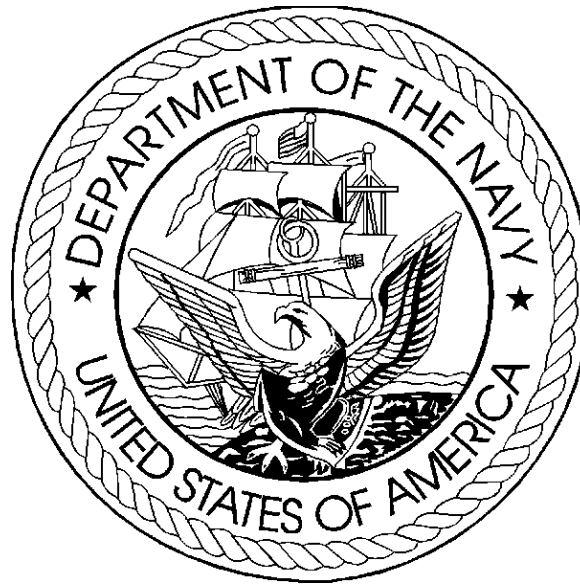


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**Department of Defense
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



Navy

Justification Book Volume 2 of 4

Other Procurement, Navy

Budget Activity 02

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Navy • President's Budget Submission FY 2014 • Procurement

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Department of Defense Appropriations Act, 2014

Other Procurement, Navy

For procurement, production, and modernization of support equipment and materials not otherwise provided for, Navy ordnance (except ordnance for new aircraft, new ships, and ships authorized for conversion); the purchase of passenger motor vehicles for replacement only; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$6,310,257,000, to remain available for obligation until September 30, 2016 of which \$8,971,000 shall be available for the Navy Reserve.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Other Procurement, Navy	6,260,555	5,990,224	98,882		6,089,106
Total Department of the Navy	6,260,555	5,990,224	98,882		6,089,106

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:34:17

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2014 Base -----
Other Procurement, Navy	6,310,257
Total Department of the Navy	6,310,257

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Other Procurement, Navy

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
01. Ships Support Equipment	2,324,077	2,031,882			2,031,882
02. Communications & Electronics Equip	1,967,184	2,163,239	3,603		2,166,842
03. Aviation Support Equipment	416,767	440,429	58,200		498,629
04. Ordnance Support Equipment	671,700	645,465			645,465
05. Civil Engineering Support Equip	91,511	83,519	24,756		108,275
06. Supply Support Equipment	65,614	62,877			62,877
07. Personnel & Command Support Equip	517,604	491,249	12,323		503,572
08. Spares and Repair Parts	206,098	250,718			250,718
20. Undistributed		-179,154			-179,154
Total Other Procurement, Navy	6,260,555	5,990,224	98,882		6,089,106

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Other Procurement, Navy

Budget Activity -----	FY 2014 Base -----
01. Ships Support Equipment	1,685,740
02. Communications & Electronics Equip	2,290,055
03. Aviation Support Equipment	502,935
04. Ordnance Support Equipment	787,116
05. Civil Engineering Support Equip	77,018
06. Supply Support Equipment	48,966
07. Personnel & Command Support Equip	601,193
08. Spares and Repair Parts	317,234
20. Undistributed	
Total Other Procurement, Navy	6,310,257

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 01: Ships Support Equipment								

Ship Propulsion Equipment								
1	LM-2500 Gas Turbine	A	13,760	10,658			10,658	U
2	Allison 501k Gas Turbine	A	8,643	8,469			8,469	U
3	Hybrid Electric Drive (HED)							U
Generators								
4	Surface Combatant HM&E	A						U
Navigation Equipment								
5	Other Navigation Equipment	A	20,582	23,392			23,392	U
Periscopes								
6	Sub Periscopes & Imaging Equip	A	64,033	53,809			53,809	U
Other Shipboard Equipment								
7	DDG Mod	A	126,373	452,371			452,371	U
8	Firefighting Equipment	A	17,064	16,958			16,958	U
9	Command and Control Switchboard	A	3,049	2,492			2,492	U
10	LHA/LHD Midlife	A						U
11	LCC 19/20 Extended Service Life Program	A						U
12	Pollution Control Equipment	B	22,210	20,707			20,707	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o d e
----	-----	-----	-----	-----
Budget Activity 01: Ships Support Equipment				

Ship Propulsion Equipment				
1	LM-2500 Gas Turbine	A	10,180	U
2	Allison 501k Gas Turbine	A	5,536	U
3	Hybrid Electric Drive (HED)		16,956	U
Generators				
4	Surface Combatant HM&E	A	19,782	U
Navigation Equipment				
5	Other Navigation Equipment	A	39,509	U
Periscopes				
6	Sub Periscopes & Imaging Equip	A	52,515	U
Other Shipboard Equipment				
7	DDG Mod	A	285,994	U
8	Firefighting Equipment	A	14,389	U
9	Command and Control Switchboard	A	2,436	U
10	LHA/LHD Midlife	A	12,700	U
11	LCC 19/20 Extended Service Life Program	A	40,329	U
12	Pollution Control Equipment	B	19,603	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
13	Submarine Support Equipment	A	14,122	12,046			12,046	U
14	Virginia Class Support Equipment	A	93,487	79,870			79,870	U
15	LCS Class Support Equipment			19,865			19,865	U
16	Submarine Batteries		42,191	41,522			41,522	U
17	LPD Class Support Equipment			30,543			30,543	U
18	Strategic Platform Support Equip	A	25,048	16,257			16,257	U
19	DSSP Equipment	A	2,594	3,630			3,630	U
20	CG Modernization	A	557,503	101,000			101,000	U
21	LCAC	A		16,645			16,645	U
22	Underwater Eod Programs		17,499	35,446			35,446	U
23	Items Less Than \$5 Million	A	94,963	65,998			65,998	U
24	Chemical Warfare Detectors	A	5,494	4,359			4,359	U
25	Submarine Life Support System	A	13,364	10,218			10,218	U
	Reactor Plant Equipment							
26	Reactor Power Units	A	435,055	286,859			286,859	U
27	Reactor Components	A	271,600	278,503			278,503	U
	Ocean Engineering							
28	Diving and Salvage Equipment	A	9,644	8,998			8,998	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c
----	-----	-----	-----	----
13	Submarine Support Equipment	A	8,678	U
14	Virginia Class Support Equipment	A	74,209	U
15	LCS Class Support Equipment		47,078	U
16	Submarine Batteries		37,000	U
17	LPD Class Support Equipment		25,053	U
18	Strategic Platform Support Equip	A	12,986	U
19	DSSP Equipment	A	2,455	U
20	CG Modernization	A	10,539	U
21	LCAC	A	14,431	U
22	Underwater Eod Programs		36,700	U
23	Items Less Than \$5 Million	A	119,902	U
24	Chemical Warfare Detectors	A	3,678	U
25	Submarine Life Support System	A	8,292	U
	Reactor Plant Equipment			
26	Reactor Power Units	A		U
27	Reactor Components	A	286,744	U
	Ocean Engineering			
28	Diving and Salvage Equipment	A	8,780	U

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Department of the Navy
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Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
	Small Boats							
29	Standard Boats	A	37,253	30,131			30,131	U
	Training Equipment							
30	Other Ships Training Equipment	A	29,885	29,772			29,772	U
	Production Facilities Equipment							
31	Operating Forces Ipe	A	55,905	64,346			64,346	U
	Other Ship Support							
32	Nuclear Alterations	A	144,175	154,652			154,652	U
33	LCS Common Mission Modules Equipment		65,848	31,319			31,319	U
34	LCS MCM Mission Modules			38,392			38,392	U
35	LCS SUW Mission Modules			32,897			32,897	U
	Logistic Support							
36	LSD Midlife		132,733	49,758			49,758	U
			-----	-----	-----	-----	-----	
	Total Ships Support Equipment		2,324,077	2,031,882			2,031,882	
	Budget Activity 02: Communications & Electronics Equip							
	Ship Radars							
37	Radar Support	A	10,618					U
	Ship Sonars							
38	SPQ-9B Radar	A	18,236	19,777			19,777	U

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Department of the Navy
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Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
	Small Boats			
29	Standard Boats	A	36,452	U
	Training Equipment			
30	Other Ships Training Equipment	A	36,145	U
	Production Facilities Equipment			
31	Operating Forces Ipe	A	69,368	U
	Other Ship Support			
32	Nuclear Alterations	A	106,328	U
33	LCS Common Mission Modules Equipment		45,966	U
34	LCS MCM Mission Modules		59,885	U
35	LCS SUW Mission Modules		37,168	U
	Logistic Support			
36	LSD Midlife		77,974	U

	Total Ships Support Equipment		1,685,740	

Budget Activity 02: Communications & Electronics Equip

	Ship Radars			
37	Radar Support	A		U
	Ship Sonars			
38	SPQ-9B Radar	A	27,934	U

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Department of the Navy
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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
39	AN/SQQ-89 Surf ASW Combat System	A	71,771	89,201			89,201	U
40	SSN Acoustics	A	212,381	190,874			190,874	U
41	Undersea Warfare Support Equipment	A	25,686	17,035			17,035	U
42	Sonar Switches and Transducers	A	13,503	13,410			13,410	U
43	Electronic Warfare MILDEC	A	16,841					U
	ASW Electronic Equipment							
44	Submarine Acoustic Warfare System	A	20,503	21,489			21,489	U
45	SSTD	A	1,257	10,716			10,716	U
46	Fixed Surveillance System	A	60,141	98,896			98,896	U
47	SURTASS	A	25,547	2,774			2,774	U
48	Maritime Patrol and Reconnsaissance Force	A	11,926	18,428			18,428	U
	Electronic Warfare Equipment							
49	AN/SLQ-32	A	39,902	92,270			92,270	U
	Reconnaissance Equipment							
50	Shipboard IW Exploit	A	99,447	107,060			107,060	U
51	Automated Identification System (AIS)		1,313	914			914	U
	Submarine Surveillance Equipment							
52	Submarine Support Equipment Prog	A	82,241	34,050			34,050	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
39	AN/SQQ-89 Surf ASW Combat System	A	83,231	U
40	SSN Acoustics	A	199,438	U
41	Undersea Warfare Support Equipment	A	9,394	U
42	Sonar Switches and Transducers	A	12,953	U
43	Electronic Warfare MILDEC	A	8,958	U
ASW Electronic Equipment				
44	Submarine Acoustic Warfare System	A	24,077	U
45	SSTD	A	11,925	U
46	Fixed Surveillance System	A	94,338	U
47	SURTASS	A	9,680	U
48	Maritime Patrol and Reconnaissance Force	A	18,130	U
Electronic Warfare Equipment				
49	AN/SLQ-32	A	203,375	U
Reconnaissance Equipment				
50	Shipboard IW Exploit	A	123,656	U
51	Automated Identification System (AIS)		896	U
Submarine Surveillance Equipment				
52	Submarine Support Equipment Prog	A	49,475	U

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Department of the Navy
FY 2014 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity	Cost	FY 2013 Base Request with CR Adj* Quantity	Cost	FY 2013 OCO Request with CR Adj* Quantity	Cost	Emergency Disaster Relief Act of 2013 Quantity	Cost	FY 2013 Total Request with CR Adj* Quantity	Cost	S e c
Other Ship Electronic Equipment													
53	Cooperative Engagement Capability	B	19,332		27,881						27,881		U
54	Trusted Information System (TIS)		426		448						448		U
55	Naval Tactical Command Support System (NTCSS)	A	32,778		35,732						35,732		U
56	ATDLS	A	1,026										U
57	Navy Command and Control System (NCCS)		7,896		9,533						9,533		U
58	Minesweeping System Replacement	A	33,221		60,111						60,111		U
59	Shallow Water MCM	B	1,045		6,950						6,950		U
60	Navstar GPS Receivers (SPACE)	A	11,847		9,089						9,089		U
61	American Forces Radio and TV Service	A	4,359		7,768						7,768		U
62	Strategic Platform Support Equip	A	4,133		3,614						3,614		U
Training Equipment													
63	Other Training Equipment	A	34,734		42,911						42,911		U
Aviation Electronic Equipment													
64	Matcals	A	13,368		5,861						5,861		U
65	Shipboard Air Traffic Control	B	7,394		8,362						8,362		U
66	Automatic Carrier Landing System	A	17,018		15,685						15,685		U
67	National Air Space System	B	24,581		16,919						16,919		U
68	Fleet Air Traffic Control Systems	A	7,213		6,828						6,828		U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
Other Ship Electronic Equipment					
53	Cooperative Engagement Capability	B	34,692	U	
54	Trusted Information System (TIS)		396	U	
55	Naval Tactical Command Support System (NTCSS)	A	15,703	U	
56	ATDLS	A	3,836	U	
57	Navy Command and Control System (NCCS)		7,201	U	
58	Minesweeping System Replacement	A	54,400	U	
59	Shallow Water MCM	B	8,548	U	
60	Navstar GPS Receivers (SPACE)	A	11,765	U	
61	American Forces Radio and TV Service	A	6,483	U	
62	Strategic Platform Support Equip	A	7,631	U	
Training Equipment					
63	Other Training Equipment	A	53,644	U	
Aviation Electronic Equipment					
64	Matcals	A	7,461	U	
65	Shipboard Air Traffic Control	B	9,140	U	
66	Automatic Carrier Landing System	A	20,798	U	
67	National Air Space System	B	19,754	U	
68	Fleet Air Traffic Control Systems	A	8,909	U	

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Department of the Navy
FY 2014 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
69	Landing Systems	A	7,138	7,646			7,646	U
70	ID Systems	A	31,470	35,474			35,474	U
71	Naval Mission Planning Systems	A	8,941	9,958			9,958	U
	Other Shore Electronic Equipment							
72	Deployable Joint Command & Control	A	8,657	9,064			9,064	U
73	Maritime Integrated Broadcast System		13,021	16,026			16,026	U
74	Tactical/Mobile C4I Systems	A	10,876	11,886	3,603		15,489	U
75	DCGS-N	A	12,499	11,887			11,887	U
76	CANES		78,239	341,398			341,398	U
77	RADIAC	A	6,185	8,083			8,083	U
78	CANES-Intell		73,363	79,427			79,427	U
79	GPETE	A	6,010	6,083			6,083	U
80	Integ Combat System Test Facility	A	4,430	4,495			4,495	U
81	EMI Control Instrumentation	A	4,741	4,767			4,767	U
82	Items Less Than \$5 Million	A	42,416	81,755			81,755	U
	Shipboard Communications							
83	Shipboard Tactical Communications	A	1,494					U
84	Ship Communications Automation	A	274,112	56,870			56,870	U
85	Maritime Domain Awareness (MDA)	A	24,022	1,063			1,063	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
69	Landing Systems	A	13,554	U
70	ID Systems	A	38,934	U
71	Naval Mission Planning Systems	A	14,131	U
	Other Shore Electronic Equipment			
72	Deployable Joint Command & Control	A	3,249	U
73	Maritime Integrated Broadcast System		11,646	U
74	Tactical/Mobile C4I Systems	A	18,189	U
75	DCGS-N	A	17,350	U
76	CANES		340,567	U
77	RADIAC	A	9,835	U
78	CANES-Intell		59,652	U
79	GPETE	A	6,253	U
80	Integ Combat System Test Facility	A	4,963	U
81	EMI Control Instrumentation	A	4,664	U
82	Items Less Than \$5 Million	A	66,889	U
	Shipboard Communications			
83	Shipboard Tactical Communications	A		U
84	Ship Communications Automation	A	23,877	U
85	Maritime Domain Awareness (MDA)	A		U

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
86	Communications Items Under \$5M	A	26,985	28,522			28,522	U
	Submarine Communications							
87	Submarine Broadcast Support	A	11,243	4,183			4,183	U
88	Submarine Communication Equipment	A	75,198	69,025			69,025	U
	Satellite Communications							
89	Satellite Communications Systems	A	28,601	49,294			49,294	U
90	Navy Multiband Terminal (NMT)		107,242	184,825			184,825	U
	Shore Communications							
91	JCS Communications Equipment	A	2,186	2,180			2,180	U
92	Electrical Power Systems	A	1,329	1,354			1,354	U
93	Naval Shore Communications	A	2,327					U
	Cryptographic Equipment							
94	Info Systems Security Program (ISSP)	A	93,960	144,104			144,104	U
95	MIO Intel Exploitation Team	A						U
	Cryptologic Equipment							
96	Cryptologic Communications Equip	A	14,820	12,604			12,604	U
	Other Electronic Support							
97	Coast Guard Equipment	A	6,848	6,680			6,680	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:34:17

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Department of the Navy
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Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
86	Communications Items Under \$5M	A		28,001	U
	Submarine Communications				
87	Submarine Broadcast Support	A		7,856	U
88	Submarine Communication Equipment	A		74,376	U
	Satellite Communications				
89	Satellite Communications Systems	A		27,381	U
90	Navy Multiband Terminal (NMT)			215,952	U
	Shore Communications				
91	JCS Communications Equipment	A		4,463	U
92	Electrical Power Systems	A		778	U
93	Naval Shore Communications	A			U
	Cryptographic Equipment				
94	Info Systems Security Program (ISSP)	A		133,530	U
95	MIO Intel Exploitation Team	A		1,000	U
	Cryptologic Equipment				
96	Cryptologic Communications Equip	A		12,251	U
	Other Electronic Support				
97	Coast Guard Equipment	A		2,893	U

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
	Drug Interdiction Support							
98	Other Drug Interdiction Support	A	57,147					U
	Total Communications & Electronics Equip		1,967,184	2,163,239	3,603		2,166,842	
	Budget Activity 03: Aviation Support Equipment							
	Sonobuoys							
99	Sonobuoys - All Types	A	100,449	104,677			104,677	U
	Aircraft Support Equipment							
100	Weapons Range Support Equipment	A	50,197	70,753			70,753	U
101	Expeditionary Airfields	A	55,561	8,678	58,200		66,878	U
102	Aircraft Rearming Equipment	A	4,684	11,349			11,349	U
103	Aircraft Launch & Recovery Equipment	A	19,777	82,618			82,618	U
104	Meteorological Equipment	A	30,278	18,339			18,339	U
105	DCRS/DPL	A	1,595	1,414			1,414	U
106	Aviation Life Support	A	68,246	40,475			40,475	U
107	Airborne Mine Countermeasures	A	33,515	61,552			61,552	U
108	Lamps MK III Shipboard Equipment	A	12,908	18,771			18,771	U
109	Portable Electronic Maintenance Aids		8,778	7,954			7,954	U
110	Other Aviation Support Equipment	A	30,779	10,023			10,023	U

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c
	Drug Interdiction Support			
98	Other Drug Interdiction Support	A		U
	Total Communications & Electronics Equip		2,290,055	
Budget Activity 03: Aviation Support Equipment				
Sonobuoys				
99	Sonobuoys - All Types	A	179,927	U
Aircraft Support Equipment				
100	Weapons Range Support Equipment	A	55,279	U
101	Expeditionary Airfields	A	8,792	U
102	Aircraft Rearming Equipment	A	11,364	U
103	Aircraft Launch & Recovery Equipment	A	59,502	U
104	Meteorological Equipment	A	19,118	U
105	DCRS/DPL	A	1,425	U
106	Aviation Life Support	A	29,670	U
107	Airborne Mine Countermeasures	A	101,554	U
108	Lamps MK III Shipboard Equipment	A	18,293	U
109	Portable Electronic Maintenance Aids		7,969	U
110	Other Aviation Support Equipment	A	5,215	U

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
111	Autonomic Logistics Information System (ALIS)			3,826			3,826	U
			-----	-----	-----	-----	-----	
	Total Aviation Support Equipment		416,767	440,429	58,200		498,629	
	Budget Activity 04: Ordnance Support Equipment		-----					
	Ship Gun System Equipment							
112	Naval Fires Control System	A	2,044	3,472			3,472	U
113	Gun Fire Control Equipment	A	4,477	4,528			4,528	U
	Ship Missile Systems Equipment							
114	NATO Seasparrow	A	8,904	8,960			8,960	U
115	RAM GMLS	A	3,128	1,185			1,185	U
116	Ship Self Defense System	B	54,324	55,371			55,371	U
117	AEGIS Support Equipment	A	42,204	81,614			81,614	U
118	Tomahawk Support Equipment	A	70,261	77,767			77,767	U
119	Vertical Launch Systems	A	732	754			754	U
120	Maritime Integrated Planning System-MIPS	A	4,666	4,965			4,965	U
	FBM Support Equipment							
121	Strategic Missile Systems Equip	A	200,078	181,049			181,049	U
	ASW Support Equipment							
122	SSN Combat Control Systems	A	89,214	71,316			71,316	U

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c
111	Autonomic Logistics Information System (ALIS)		4,827	U
Total Aviation Support Equipment			502,935	
Budget Activity 04: Ordnance Support Equipment				
Ship Gun System Equipment				
112	Naval Fires Control System	A	1,188	U
113	Gun Fire Control Equipment	A	4,447	U
Ship Missile Systems Equipment				
114	NATO Seasparrow	A	58,368	U
115	RAM GMLS	A	491	U
116	Ship Self Defense System	B	51,858	U
117	AEgis Support Equipment	A	59,757	U
118	Tomahawk Support Equipment	A	71,559	U
119	Vertical Launch Systems	A	626	U
120	Maritime Integrated Planning System-MIPS	A	2,779	U
FBM Support Equipment				
121	Strategic Missile Systems Equip	A	224,484	U
ASW Support Equipment				
122	SSN Combat Control Systems	A	85,678	U

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
123	Submarine ASW Support Equipment	A	5,228	4,018			4,018	U
124	Surface ASW Support Equipment	A	5,801	6,465			6,465	U
125	ASW Range Support Equipment	A	7,823	47,930			47,930	U
	Other Ordnance Support Equipment							
126	Explosive Ordnance Disposal Equip	B	83,580	3,579			3,579	U
127	Items Less Than \$5 Million	A	13,663	3,125			3,125	U
	Other Expendable Ordnance							
128	Anti-Ship Missile Decoy System	A	32,634	31,743			31,743	U
129	Surface Training Device Mods	A	6,254	34,174			34,174	U
130	Submarine Training Device Mods	A	36,685	23,450			23,450	U
	Total Ordnance Support Equipment		671,700	645,465			645,465	
Budget Activity 05: Civil Engineering Support Equip								

	Civil Engineering Support Equipment							
131	Passenger Carrying Vehicles	A	6,831	7,158	3,901		11,059	U
132	General Purpose Trucks	A	2,562	3,325	852		4,177	U
133	Construction & Maintenance Equip	A	24,740	8,692	2,436		11,128	U
134	Fire Fighting Equipment	A	17,987	14,533	3,798		18,331	U
135	Tactical Vehicles	B	16,787	15,330	13,394		28,724	U
136	Amphibious Equipment	A	3,235	10,803			10,803	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:34:17

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
123	Submarine ASW Support Equipment	A	3,913	U
124	Surface ASW Support Equipment	A	3,909	U
125	ASW Range Support Equipment	A	28,694	U
	Other Ordnance Support Equipment			
126	Explosive Ordnance Disposal Equip	B	46,586	U
127	Items Less Than \$5 Million	A	11,933	U
	Other Expendable Ordnance			
128	Anti-Ship Missile Decoy System	A	62,361	U
129	Surface Training Device Mods	A	41,813	U
130	Submarine Training Device Mods	A	26,672	U

	Total Ordnance Support Equipment		787,116	
Budget Activity 05: Civil Engineering Support Equip				

	Civil Engineering Support Equipment			
131	Passenger Carrying Vehicles	A	5,600	U
132	General Purpose Trucks	A	3,717	U
133	Construction & Maintenance Equip	A	10,881	U
134	Fire Fighting Equipment	A	14,748	U
135	Tactical Vehicles	B	5,540	U
136	Amphibious Equipment	A	5,741	U

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
137	Pollution Control Equipment	A	7,175	7,265			7,265	U
138	Items Under \$5 Million	A	11,052	15,252	375		15,627	U
139	Physical Security Vehicles	A	1,142	1,161			1,161	U
	Total Civil Engineering Support Equip		91,511	83,519	24,756		108,275	
Budget Activity 06: Supply Support Equipment								
Supply Support Equipment								
140	Materials Handling Equipment	A	11,956	15,204			15,204	U
141	Other Supply Support Equipment	A	4,453	6,330			6,330	U
142	First Destination Transportation	A	6,416	6,539			6,539	U
143	Special Purpose Supply Systems	A	42,789	34,804			34,804	U
	Total Supply Support Equipment		65,614	62,877			62,877	
Budget Activity 07: Personnel & Command Support Equip								
Training Devices								
144	Training Support Equipment	A	15,610	25,444			25,444	U
Command Support Equipment								
145	Command Support Equipment	A	26,590	43,165			43,165	U
146	Education Support Equipment	A	2,197	2,251			2,251	U
147	Medical Support Equipment	A	14,175	3,148			3,148	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:34:17

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
137	Pollution Control Equipment	A	3,852	U
138	Items Under \$5 Million	A	25,757	U
139	Physical Security Vehicles	A	1,182	U
Total Civil Engineering Support Equip			77,018	
Budget Activity 06: Supply Support Equipment				
Supply Support Equipment				
140	Materials Handling Equipment	A	14,250	U
141	Other Supply Support Equipment	A	6,401	U
142	First Destination Transportation	A	5,718	U
143	Special Purpose Supply Systems	A	22,597	U
Total Supply Support Equipment			48,966	
Budget Activity 07: Personnel & Command Support Equip				
Training Devices				
144	Training Support Equipment	A	22,527	U
Command Support Equipment				
145	Command Support Equipment	A	50,428	U
146	Education Support Equipment	A	2,292	U
147	Medical Support Equipment	A	4,925	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:34:17

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Department of the Navy
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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
149	Naval MIP Support Equipment	A	1,907	3,502			3,502	U
151	Operating Forces Support Equipment	A	21,349	15,696			15,696	U
152	C4ISR Equipment	A	24,898	4,344	3,000		7,344	U
153	Environmental Support Equipment	A	18,639	19,492			19,492	U
154	Physical Security Equipment	A	220,638	177,149	9,323		186,472	U
155	Enterprise Information Technology	A	158,202	183,995			183,995	U
	Other							
156	Cancelled Account Adjustments	A	16					U
999	Classified Programs		13,383	13,063			13,063	U
	Total Personnel & Command Support Equip		517,604	491,249	12,323		503,572	
	Budget Activity 08: Spares and Repair Parts							
	Spares and Repair Parts							
157	Spares and Repair Parts	A	206,098	250,718			250,718	U
	Total Spares and Repair Parts		206,098	250,718			250,718	

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
149	Naval MIP Support Equipment	A	3,202	U
151	Operating Forces Support Equipment	A	24,294	U
152	C4ISR Equipment	A	4,287	U
153	Environmental Support Equipment	A	18,276	U
154	Physical Security Equipment	A	134,495	U
155	Enterprise Information Technology	A	324,327	U
Other				
156	Cancelled Account Adjustments	A		U
999	Classified Programs		12,140	U
Total Personnel & Command Support Equip			601,193	
Budget Activity 08: Spares and Repair Parts				

Spares and Repair Parts				
157	Spares and Repair Parts	A	317,234	U
Total Spares and Repair Parts			317,234	

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Line		Ident	FY 2012		FY 2013		FY 2013		Emergency		FY 2013		
No	Item Nomenclature	Code	(Base & OCO)		Base Request		OCO Request		Disaster		Total Request		S
----	-----	----	Quantity	Cost	with CR Adj*		with CR Adj*		Relief Act of		with CR Adj*		e
			-----	----	-----	----	-----	----	2013		-----	----	-
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	c
			-----	----	-----	----	-----	----	-----	----	-----	----	-
Budget Activity 20: Undistributed													

Undistributed													
158	Adj to Match Continuing Resolution	A			-179,154						-179,154		U
			-----		-----		-----		-----		-----		
Total	Undistributed				-179,154						-179,154		
			-----		-----		-----		-----		-----		
Total	Other Procurement, Navy		6,260,555		5,990,224		98,882				6,089,106		

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Line		Ident	FY 2014	S
No	Item Nomenclature	Code	Base	e
----	-----	-----	Quantity	Cost
----	-----	-----	-----	-----
Budget Activity 20: Undistributed				

Undistributed				
158	Adj to Match Continuing Resolution	A		U

Total Undistributed				

Total Other Procurement, Navy			6,310,257	

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Appropriation 1810N: Other Procurement, Navy
BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	0110	LM-2500 Gas Turbine	-	13.760	-	10.658	-	10.180	-	0.000	-	10.180
2	A	0120	Allison 501K Gas Turbine	-	8.643	-	8.469	-	5.536	-	0.000	-	5.536
3	A	0140	Hybrid Electric Drive (HED)	-	0.000	-	0.000	-	16.956	-	0.000	-	16.956
Total: Ships Support Equipment / Ship Propulsion Equipment				-	22.403	-	19.127	-	32.672	-	0.000	-	32.672

Appropriation 1810N: Other Procurement, Navy
BA 01: Ships Support Equipment / BSA 2: Generators

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
4	A	0200	Surface Combatant HM&E	-	0.000	-	0.000	-	19.782	-	0.000	-	19.782
Total: Ships Support Equipment / Generators				-	0.000	-	0.000	-	19.782	-	0.000	-	19.782

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 6: Navigation Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
5	A	0670	Other Navigation Equipment	-	20.582	-	23.392	-	39.509	-	0.000	-	39.509
Total: Ships Support Equipment / Navigation Equipment				-	20.582	-	23.392	-	39.509	-	0.000	-	39.509

Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 8: Periscopes

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
6	A	0831	Sub Periscopes & Imaging Equip	-	64.033	-	53.809	-	52.515	-	0.000	-	52.515
Total: Ships Support Equipment / Periscopes				-	64.033	-	53.809	-	52.515	-	0.000	-	52.515

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
7	A	0900	DDG Mod	-	126.373	-	452.371	-	285.994	-	0.000	-	285.994
8	A	0910	Firefighting Equipment	-	17.064	-	16.958	-	14.389	-	0.000	-	14.389
9	A	0925	Command and Control Switchboard	-	3.049	-	2.492	-	2.436	-	0.000	-	2.436
10	A	0933	LHA/LHD Midlife	-	0.000	-	0.000	-	12.700	-	0.000	-	12.700
11	A	0934	LCC 19/20 Extended Service Life Program	-	0.000	-	0.000	-	40.329	-	0.000	-	40.329
12	A	0935	Pollution Control Equipment	-	22.210	-	20.707	-	19.603	-	0.000	-	19.603
13	A	0941	Submarine Support Equipment	-	14.122	-	12.046	-	8.678	-	0.000	-	8.678
14	A	0942	Virginia Class Support Equipment	-	93.487	-	79.870	-	74.209	-	0.000	-	74.209
15	A	0944	LCS Class Support Equipment	-	0.000	-	19.865	-	47.078	-	0.000	-	47.078
16	A	0945	Submarine Batteries	-	42.191	-	41.522	-	37.000	-	0.000	-	37.000

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
17	A	0946	LPD Class Support Equipment	-	0.000	-	30.543	-	25.053	-	0.000	-	25.053
18	A	0950	Strategic Platform Support Equip	-	25.048	-	16.257	-	12.986	-	0.000	-	12.986
19	A	0955	Deep Subm Sys Proj (DSSP) Equip	-	2.594	-	3.630	-	2.455	-	0.000	-	2.455
20	A	0960	CG Modernization	-	557.503	-	101.000	-	10.539	-	0.000	-	10.539
21	A	0970	LCAC	-	0.000	-	16.645	-	14.431	-	0.000	-	14.431
22	A	0977	Underwater EOD Programs	-	17.499	-	35.446	-	36.700	-	0.000	-	36.700
23	A	0981	Items less than \$5 Million	-	94.963	-	65.998	-	119.902	-	0.000	-	119.902
24	A	0989	Chemical Warfare Detectors	-	5.494	-	4.359	-	3.678	-	0.000	-	3.678
25	A	0990	Submarine Life Support System	-	13.364	-	10.218	-	8.292	-	0.000	-	8.292
Total: Ships Support Equipment / Other Shipboard Equipment				-	1,034.961	-	929.927	-	776.452	-	0.000	-	776.452

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
26	A	1010	Reactor Power Units	-	435.055	-	286.859	-	0.000	-	0.000	-	0.000
27	A	1020	Reactor Components	-	271.600	-	278.503	-	286.744	-	0.000	-	286.744
Total: Ships Support Equipment / Reactor Plant Equipment				-	706.655	-	565.362	-	286.744	-	0.000	-	286.744

Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 11: Ocean Engineering

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
28	A	1130	Diving and Salvage Equipment	-	9.644	-	8.998	-	8.780	-	0.000	-	8.780

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Appropriation 1810N: Other Procurement, Navy
BA 01: Ships Support Equipment / BSA 11: Ocean Engineering

Cost (\$ in Millions)													
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Ships Support Equipment / Ocean Engineering				-	9.644	-	8.998	-	8.780	-	0.000	-	8.780

Appropriation 1810N: Other Procurement, Navy
BA 01: Ships Support Equipment / BSA 12: Small Boats

Line# Cost Type Line Item # Line Item Title				Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
29	A	1210	Standard Boats	-	37.253	-	30.131	-	36.452	-	0.000	-	36.452
Total: Ships Support Equipment / Small Boats				-	37.253	-	30.131	-	36.452	-	0.000	-	36.452

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 13: Training Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
30	A	1320	Other Ships Training Equipment	-	29.885	-	29.772	-	36.145	-	0.000	-	36.145
Total: Ships Support Equipment / Training Equipment				-	29.885	-	29.772	-	36.145	-	0.000	-	36.145

Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
31	A	1445	Operating Forces IPE	-	55.905	-	64.346	-	69.368	-	0.000	-	69.368
Total: Ships Support Equipment / Production Facilities Equipment				-	55.905	-	64.346	-	69.368	-	0.000	-	69.368

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Appropriation 1810N: Other Procurement, Navy

BA 01: Ships Support Equipment / BSA 15: Other Ship Support

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
32	A	1480	Nuclear Alterations	-	144.175	-	154.652	-	106.328	-	0.000	-	106.328
33	A	1600	LCS Common Mission Modules Equipment	-	65.848	-	31.319	-	45.966	-	0.000	-	45.966
34	A	1601	LCS MCM Mission Modules	-	0.000	-	38.392	-	59.885	-	0.000	-	59.885
35	A	1603	LCS SUW Mission Modules	-	0.000	-	32.897	-	37.168	-	0.000	-	37.168
Total: Ships Support Equipment / Other Ship Support				-	210.023	-	257.260	-	249.347	-	0.000	-	249.347

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Appropriation 1810N: Other Procurement, Navy
BA 01: Ships Support Equipment / BSA 16: Logistic Support

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
36	A	1610	LSD Midlife	-	132.733	-	49.758	-	77.974	-	0.000	-	77.974
Total: Ships Support Equipment / Logistic Support				-	132.733	-	49.758	-	77.974	-	0.000	-	77.974

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 1: Ship Radars

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
37	A	2040	Radar Support	-	10.618	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Ship Radars				-	10.618	-	0.000	-	0.000	-	0.000	-	0.000

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
38	A	2026	SPQ-9B Radar	-	18.236	-	19.777	-	27.934	-	0.000	-	27.934
39	A	2136	AN/SQQ-89 Surf ASW Cmbt Sys	-	71.771	-	89.201	-	83.231	-	0.000	-	83.231
40	A	2147	SSN Acoustics	-	212.381	-	190.874	-	199.438	-	0.000	-	199.438
41	A	2176	Undersea Warfare Support Equipment	-	25.686	-	17.035	-	9.394	-	0.000	-	9.394
42	A	2181	Sonar Switches and Transducers	-	13.503	-	13.410	-	12.953	-	0.000	-	12.953
43	A	2188	Electronic Warfare MILDEC	-	16.841	-	0.000	-	8.958	-	0.000	-	8.958
Total: Communications & Electronics Equip / Ship Sonars				-	358.418	-	330.297	-	341.908	-	0.000	-	341.908

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
44	A	2210	Submarine Acoustic Warfare System	-	20.503	-	21.489	-	24.077	-	0.000	-	24.077
45	A	2213	Surface Ship Torpedo Def (SSTD)	-	1.257	-	10.716	-	11.925	-	0.000	-	11.925
46	A	2225	Fixed Surveillance System	-	60.141	-	98.896	-	94.338	-	0.000	-	94.338
47	A	2237	SURTASS	-	25.547	-	2.774	-	9.680	-	0.000	-	9.680
48	A	2246	Maritime Patrol and Reconnaissance Force	-	11.926	-	18.428	-	18.130	-	0.000	-	18.130
Total: Communications & Electronics Equip / Asw Electronic Equipment				-	119.374	-	152.303	-	158.150	-	0.000	-	158.150

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
49	A	2312	AN/SLQ-32	-	39.902	-	92.270	-	203.375	-	0.000	-	203.375
Total: Communications & Electronics Equip / Electronic Warfare Equipment				-	39.902	-	92.270	-	203.375	-	0.000	-	203.375

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
50	A	2360	Shipboard IW Exploit	-	99.447	-	107.060	-	123.656	-	0.000	-	123.656
51	A	2361	Automatic Identification System (AIS)	-	1.313	-	0.914	-	0.896	-	0.000	-	0.896

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment

Cost (\$ in Millions)													
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Reconnaissance Equipment				-	100.760	-	107.974	-	124.552	-	0.000	-	124.552

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
52	A	2560	Submarine Supt Equip Prog	-	82.241	-	34.050	-	49.475	-	0.000	-	49.475
Total: Communications & Electronics Equip / Submarine Surveillance Equipment				-	82.241	-	34.050	-	49.475	-	0.000	-	49.475

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
53	A	2606	Cooperative Engagement Capability	-	19.332	-	27.881	-	34.692	-	0.000	-	34.692
54	A	2608	Trusted Information System (TIS)	-	0.426	-	0.448	-	0.396	-	0.000	-	0.396
55	A	2611	Naval Tact Cmd Supt Sys (NTCSS)	-	32.778	-	35.732	-	15.703	-	0.000	-	15.703
56	A	2614	Adv Tact Data Link Sys (ATDLS)	-	1.026	-	0.000	-	3.836	-	0.000	-	3.836
57	A	2618	Navy Command and Control System (NCCS)	-	7.896	-	9.533	-	7.201	-	0.000	-	7.201
58	A	2622	Minesweeping System Replacement	-	33.221	-	60.111	-	54.400	-	0.000	-	54.400
59	A	2624	Shallow Water Mine CM Ship	-	1.045	-	6.950	-	8.548	-	0.000	-	8.548
60	A	2657	NAVSTAR GPS Receivers (Space)	-	11.847	-	9.089	-	11.765	-	0.000	-	11.765
61	A	2666	American Forces Radio and TV Service (AFRTS)	-	4.359	-	7.768	-	6.483	-	0.000	-	6.483

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
62	A	2676	Strategic Platform Support Equip	-	4.133	-	3.614	-	7.631	-	0.000	-	7.631
Total: Communications & Electronics Equip / Other Ship Electronic Equipment				-	116.063	-	161.126	-	150.655	-	0.000	-	150.655

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 8: Training Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
63	A	2762	Other Training Equipment	-	34.734	-	42.911	-	53.644	-	0.000	-	53.644
Total: Communications & Electronics Equip / Training Equipment				-	34.734	-	42.911	-	53.644	-	0.000	-	53.644

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
64	A	2815	MATCALs	-	13.368	-	5.861	-	7.461	-	0.000	-	7.461
65	A	2831	Shipboard Air Traffic Control	-	7.394	-	8.362	-	9.140	-	0.000	-	9.140
66	A	2832	Automatic Carrier Landing System	-	17.018	-	15.685	-	20.798	-	0.000	-	20.798
67	A	2840	National Air Space System	-	24.581	-	16.919	-	19.754	-	0.000	-	19.754
68	A	2845	Fleet Air Traffic Control Systems	-	7.213	-	6.828	-	8.909	-	0.000	-	8.909
69	A	2846	Landing Systems	-	7.138	-	7.646	-	13.554	-	0.000	-	13.554
70	A	2851	ID Systems	-	31.470	-	35.474	-	38.934	-	0.000	-	38.934
71	A	2876	Naval Mission Planning Systems	-	8.941	-	9.958	-	14.131	-	0.000	-	14.131
Total: Communications & Electronics Equip / Aviation Electronic Equipment				-	117.123	-	106.733	-	132.681	-	0.000	-	132.681

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
72	A	2804	Depl JT Cmd & Control (DJC2)	-	8.657	-	9.064	-	3.249	-	0.000	-	3.249
73	A	2900	Maritime Integrated Broadcast System	-	13.021	-	16.026	-	11.646	-	0.000	-	11.646
74	A	2906	Tactical/Mobile C4I Systems	-	10.876	-	15.489	-	18.189	-	0.000	-	18.189
75	A	2914	Distributed Common Ground System-Navy (DCGS-N)	-	12.499	-	11.887	-	17.350	-	0.000	-	17.350
76	A	2915	CANES	-	78.239	-	341.398	-	340.567	-	0.000	-	340.567
77	A	2920	RADIAC	-	6.185	-	8.083	-	9.835	-	0.000	-	9.835
78	A	2925	CANES Intell	-	73.363	-	79.427	-	59.652	-	0.000	-	59.652
79	A	2940	Gen Purp Elec Test Equip (GPETE)	-	6.010	-	6.083	-	6.253	-	0.000	-	6.253
80	A	2960	Integ Combat System Test Facility	-	4.430	-	4.495	-	4.963	-	0.000	-	4.963
81	A	2970	EMI Control Instrumentation	-	4.741	-	4.767	-	4.664	-	0.000	-	4.664

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
82	A	2980	Items less than \$5 Million	-	42.416	-	81.755	-	66.889	-	0.000	-	66.889
Total: Communications & Electronics Equip / Other Shore Electronic Equipment				-	260.437	-	578.474	-	543.257	-	0.000	-	543.257

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
83	A	3010	Shipboard Tactical Comms	-	1.494	-	0.000	-	0.000	-	0.000	-	0.000
84	A	3050	Ship Communications Automation	-	274.112	-	56.870	-	23.877	-	0.000	-	23.877
85	A	3051	MDA	-	24.022	-	1.063	-	0.000	-	0.000	-	0.000

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
86	A	3057	Communications Items under \$5M	-	26.985	-	28.522	-	28.001	-	0.000	-	28.001
Total: Communications & Electronics Equip / Shipboard Communications				-	326.613	-	86.455	-	51.878	-	0.000	-	51.878

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
87	A	3107	Submarine Broadcast Support	-	11.243	-	4.183	-	7.856	-	0.000	-	7.856
88	A	3130	Submarine Communication Equipment	-	75.198	-	69.025	-	74.376	-	0.000	-	74.376

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Submarine Communications				-	86.441	-	73.208	-	82.232	-	0.000	-	82.232

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
89	A	3215	Satellite Communications Systems	-	28.601	-	49.294	-	27.381	-	0.000	-	27.381
90	A	3216	Navy Multiband Terminal (NMT)	-	107.242	-	184.825	-	215.952	-	0.000	-	215.952
Total: Communications & Electronics Equip / Satellite Communications				-	135.843	-	234.119	-	243.333	-	0.000	-	243.333

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 14: Shore Communications

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
91	A	3302	JCS Communications Equipment	-	2.186	-	2.180	-	4.463	-	0.000	-	4.463
92	A	3303	Electrical Power Systems	-	1.329	-	1.354	-	0.778	-	0.000	-	0.778
93	A	3368	Naval Shore Communications	-	2.327	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Shore Communications				-	5.842	-	3.534	-	5.241	-	0.000	-	5.241

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
94	A	3415	Info Systems Security Program (ISSP)	-	93.960	-	144.104	-	133.530	-	0.000	-	133.530
95	A	3417	MIO Intel Exploitation Team	-	0.000	-	0.000	-	1.000	-	0.000	-	1.000
Total: Communications & Electronics Equip / Cryptographic Equipment				-	93.960	-	144.104	-	134.530	-	0.000	-	134.530

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
96	A	3501	Cryptologic Communications Equip	-	14.820	-	12.604	-	12.251	-	0.000	-	12.251
Total: Communications & Electronics Equip / Cryptologic Equipment				-	14.820	-	12.604	-	12.251	-	0.000	-	12.251

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
97	A	3620	Coast Guard Equipment	-	6.848	-	6.680	-	2.893	-	0.000	-	2.893

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Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Other Electronic Support				-	6.848	-	6.680	-	2.893	-	0.000	-	2.893

Appropriation 1810N: Other Procurement, Navy
BA 02: Communications & Electronics Equip / BSA 19: Drug Interdiction Support

Line# Cost Type Line Item # Line Item Title				Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
98	A	3820	Other Drug Interdiction Support	-	57.147	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Drug Interdiction Support				-	57.147	-	0.000	-	0.000	-	0.000	-	0.000

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Appropriation 1810N: Other Procurement, Navy
BA 03: Aviation Support Equipment / BSA 1: Sonobuoys

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
99	A	4048	Sonobuoys - All Types	-	100.449	-	104.677	-	179.927	-	0.000	-	179.927
Total: Aviation Support Equipment / Sonobuoys				-	100.449	-	104.677	-	179.927	-	0.000	-	179.927

Appropriation 1810N: Other Procurement, Navy
BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
100	A	4204	Weapons Range Support Equipment	-	50.197	-	70.753	-	55.279	-	0.000	-	55.279
101	A	4208	Expeditionary Airfields	-	55.561	-	66.878	-	8.792	-	0.000	-	8.792
102	A	4214	Acft Rearming Equip	-	4.684	-	11.349	-	11.364	-	0.000	-	11.364

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Appropriation 1810N: Other Procurement, Navy

BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
103	A	4216	Acft Launch & Recovery Equip	-	19.777	-	82.618	-	59.502	-	0.000	-	59.502
104	A	4226	Meteorological Equipment	-	30.278	-	18.339	-	19.118	-	0.000	-	19.118
105	A	4242	DCRS/DPL	-	1.595	-	1.414	-	1.425	-	0.000	-	1.425
106	A	4244	Aviation Life Support	-	68.246	-	40.475	-	29.670	-	0.000	-	29.670
107	A	4248	Airborne Mine Countermeasures	-	33.515	-	61.552	-	101.554	-	0.000	-	101.554
108	A	4255	LAMPS MK III Shipboard Equipment	-	12.908	-	18.771	-	18.293	-	0.000	-	18.293
109	A	4264	Portable Electronic Maintenance Aids	-	8.778	-	7.954	-	7.969	-	0.000	-	7.969
110	A	4265	Other Aviation Support Equipment	-	30.779	-	10.023	-	5.215	-	0.000	-	5.215
111	A	4267	Autonomic Logistics Information System (ALIS)	-	0.000	-	3.826	-	4.827	-	0.000	-	4.827
Total: Aviation Support Equipment / Aircraft Support Equipment				-	316.318	-	393.952	-	323.008	-	0.000	-	323.008

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Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
112	A	5112	Naval Fires Control Sys	-	2.044	-	3.472	-	1.188	-	0.000	-	1.188
113	A	5209	Gun Fire Control Equipment	-	4.477	-	4.528	-	4.447	-	0.000	-	4.447
Total: Ordnance Support Equipment / Ship Gun System Equipment				-	6.521	-	8.000	-	5.635	-	0.000	-	5.635

Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
114	A	5237	NATO Seasparrow	-	8.904	-	8.960	-	58.368	-	0.000	-	58.368
115	A	5238	RAM GMLS	-	3.128	-	1.185	-	0.491	-	0.000	-	0.491

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Appropriation 1810N: Other Procurement, Navy

BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
116	A	5239	Ship Self Defense System	-	54.324	-	55.371	-	51.858	-	0.000	-	51.858
117	A	5246	AEGIS Support Equipment	-	42.204	-	81.614	-	59.757	-	0.000	-	59.757
118	A	5253	Tomahawk Support Equipment	-	70.261	-	77.767	-	71.559	-	0.000	-	71.559
119	A	5260	Vertical Launch Systems	-	0.732	-	0.754	-	0.626	-	0.000	-	0.626
120	A	5265	Maritime Integrated Planning System - MIPS	-	4.666	-	4.965	-	2.779	-	0.000	-	2.779
Total: Ordnance Support Equipment / Ship Missile Systems Equipment				-	184.219	-	230.616	-	245.438	-	0.000	-	245.438

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Appropriation 1810N: Other Procurement, Navy

BA 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
121	A	5358	Strategic Missile Systems Equip	-	200.078	-	181.049	-	224.484	-	0.000	-	224.484
Total: Ordnance Support Equipment / Fbm Support Equipment				-	200.078	-	181.049	-	224.484	-	0.000	-	224.484

Appropriation 1810N: Other Procurement, Navy

BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
122	A	5420	SSN Combat Control Systems	-	89.214	-	71.316	-	85.678	-	0.000	-	85.678
123	A	5431	Submarine ASW Support Equipment	-	5.228	-	4.018	-	3.913	-	0.000	-	3.913

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Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
124	A	5449	Surface ASW Support Equipment	-	5.801	-	6.465	-	3.909	-	0.000	-	3.909
125	A	5455	ASW Range Support Equipment	-	7.823	-	47.930	-	28.694	-	0.000	-	28.694
Total: Ordnance Support Equipment / Asw Support Equipment				-	108.066	-	129.729	-	122.194	-	0.000	-	122.194

Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
126	A	5509	Explosive Ordnance Disposal Equip	-	83.580	-	3.579	-	46.586	-	0.000	-	46.586
127	A	5543	Items Less Than \$5 Million	-	13.663	-	3.125	-	11.933	-	0.000	-	11.933

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Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Ordnance Support Equipment / Other Ordnance Support Equipment				-	97.243	-	6.704	-	58.519	-	0.000	-	58.519

Appropriation 1810N: Other Procurement, Navy
BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance

Line# Cost Type Line Item # Line Item Title				Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
128	A	5530	Anti-ship Missile Decoy System	-	32.634	-	31.743	-	62.361	-	0.000	-	62.361
129	A	5660	Surface Training Device Mods	-	6.254	-	34.174	-	41.813	-	0.000	-	41.813
130	A	5661	Submarine Training Device Mods	-	36.685	-	23.450	-	26.672	-	0.000	-	26.672
Total: Ordnance Support Equipment / Other Expendable Ordnance				-	75.573	-	89.367	-	130.846	-	0.000	-	130.846

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Appropriation 1810N: Other Procurement, Navy

BA 05: Civil Engineering Support Equip / BSA 1: Civil Engineering Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
131	A	6003	Passenger Carrying Vehicles	-	6.831	-	11.059	-	5.600	-	0.000	-	5.600
132	A	6007	General Purpose Trucks	-	2.562	-	4.177	-	3.717	-	0.000	-	3.717
133	A	6024	Construction & Maint Equip	-	24.740	-	11.128	-	10.881	-	0.000	-	10.881
134	A	6027	Fire Fighting Equipment	-	17.987	-	18.331	-	14.748	-	0.000	-	14.748
135	A	6028	Tactical Vehicles	-	16.787	-	28.724	-	5.540	-	0.000	-	5.540
136	A	6033	Amphibious Equipment	-	3.235	-	10.803	-	5.741	-	0.000	-	5.741
137	A	6058	Pollution Control Equipment	-	7.175	-	7.265	-	3.852	-	0.000	-	3.852
138	A	6060	Items under \$5 million	-	11.052	-	15.627	-	25.757	-	0.000	-	25.757
139	A	6075	Physical Security Vehicles	-	1.142	-	1.161	-	1.182	-	0.000	-	1.182
Total: Civil Engineering Support Equip / Civil Engineering Support Equipment				-	91.511	-	108.275	-	77.018	-	0.000	-	77.018

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Appropriation 1810N: Other Procurement, Navy
BA 06: Supply Support Equipment / BSA 1: Supply Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
140	A	7015	Materials Handling Equipment	-	11.956	-	15.204	-	14.250	-	0.000	-	14.250
141	A	7050	Other Supply Support Equipment	-	4.453	-	6.330	-	6.401	-	0.000	-	6.401
142	A	7066	First Destination Transportation	-	6.416	-	6.539	-	5.718	-	0.000	-	5.718
143	A	7069	Special Purpose Supply Systems	-	42.789	-	34.804	-	22.597	-	0.000	-	22.597
Total: Supply Support Equipment / Supply Support Equipment				-	65.614	-	62.877	-	48.966	-	0.000	-	48.966

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Appropriation 1810N: Other Procurement, Navy
BA 07: Personnel & Command Support Equip / BSA 1: Training Devices

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
144	A	8081	Training Support Equipment	-	15.610	-	25.444	-	22.527	-	0.000	-	22.527
Total: Personnel & Command Support Equip / Training Devices				-	15.610	-	25.444	-	22.527	-	0.000	-	22.527

Appropriation 1810N: Other Procurement, Navy
BA 07: Personnel & Command Support Equip / BSA 2: Command Support Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
145	A	8106	Command Support Equipment	-	26.590	-	43.165	-	50.428	-	0.000	-	50.428
146	A	8108	Education Support Equipment	-	2.197	-	2.251	-	2.292	-	0.000	-	2.292

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Appropriation 1810N: Other Procurement, Navy

BA 07: Personnel & Command Support Equip / BSA 2: Command Support Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
147	A	8109	Medical Support Equipment	-	14.175	-	3.148	-	4.925	-	0.000	-	4.925
149	A	8114	Naval MIP Support Equipment	-	1.907	-	3.502	-	3.202	-	0.000	-	3.202
151	A	8118	Operating Forces Supt Equip	-	21.349	-	15.696	-	24.294	-	0.000	-	24.294
152	A	8120	C4ISR Equipment	-	24.898	-	7.344	-	4.287	-	0.000	-	4.287
153	A	8126	Environmental Support Equipment	-	18.639	-	19.492	-	18.276	-	0.000	-	18.276
154	A	8128	Physical Security Equipment	-	220.638	-	186.472	-	134.495	-	0.000	-	134.495
155	A	8161	Enterprise Information Technology	-	158.202	-	183.995	-	324.327	-	0.000	-	324.327
999	A	8115	Intelligence Support Equipment	-	13.383	-	13.063	-	12.140	-	0.000	-	12.140
Total: Personnel & Command Support Equip / Command Support Equipment				-	501.978	-	478.128	-	578.666	-	0.000	-	578.666

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Appropriation 1810N: Other Procurement, Navy
BA 08: Spares and Repair Parts / BSA 1: Spares And Repair Parts

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
157	A	9020	Spares and Repair Parts	-	206.098	-	250.718	-	317.234	-	0.000	-	317.234
Total: Spares and Repair Parts / Spares And Repair Parts				-	206.098	-	250.718	-	317.234	-	0.000	-	317.234

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 1: Ship Radars

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
37	A	2040	Radar Support	-	10.618	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Ship Radars				-	10.618	-	0.000	-	0.000	-	0.000	-	0.000

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
38	A	2026	SPQ-9B Radar	-	18.236	-	19.777	-	27.934	-	0.000	-	27.934
39	A	2136	AN/SQQ-89 Surf ASW Cmbt Sys	-	71.771	-	89.201	-	83.231	-	0.000	-	83.231
40	A	2147	SSN Acoustics	-	212.381	-	190.874	-	199.438	-	0.000	-	199.438
41	A	2176	Undersea Warfare Support Equipment	-	25.686	-	17.035	-	9.394	-	0.000	-	9.394

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
42	A	2181	Sonar Switches and Transducers	-	13.503	-	13.410	-	12.953	-	0.000	-	12.953
43	A	2188	Electronic Warfare MILDEC	-	16.841	-	0.000	-	8.958	-	0.000	-	8.958
Total: Communications & Electronics Equip / Ship Sonars				-	358.418	-	330.297	-	341.908	-	0.000	-	341.908

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
44	A	2210	Submarine Acoustic Warfare System	-	20.503	-	21.489	-	24.077	-	0.000	-	24.077
45	A	2213	Surface Ship Torpedo Def (SSTD)	-	1.257	-	10.716	-	11.925	-	0.000	-	11.925

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
46	A	2225	Fixed Surveillance System	-	60.141	-	98.896	-	94.338	-	0.000	-	94.338
47	A	2237	SURTASS	-	25.547	-	2.774	-	9.680	-	0.000	-	9.680
48	A	2246	Maritime Patrol and Reconnaissance Force	-	11.926	-	18.428	-	18.130	-	0.000	-	18.130
Total: Communications & Electronics Equip / Asw Electronic Equipment				-	119.374	-	152.303	-	158.150	-	0.000	-	158.150

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
49	A	2312	AN/SLQ-32	-	39.902	-	92.270	-	203.375	-	0.000	-	203.375

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Electronic Warfare Equipment				-	39.902	-	92.270	-	203.375	-	0.000	-	203.375

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
50	A	2360	Shipboard IW Exploit	-	99.447	-	107.060	-	123.656	-	0.000	-	123.656
51	A	2361	Automatic Identification System (AIS)	-	1.313	-	0.914	-	0.896	-	0.000	-	0.896
Total: Communications & Electronics Equip / Reconnaissance Equipment				-	100.760	-	107.974	-	124.552	-	0.000	-	124.552

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
52	A	2560	Submarine Supt Equip Prog	-	82.241	-	34.050	-	49.475	-	0.000	-	49.475
Total: Communications & Electronics Equip / Submarine Surveillance Equipment				-	82.241	-	34.050	-	49.475	-	0.000	-	49.475

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
53	A	2606	Cooperative Engagement Capability	-	19.332	-	27.881	-	34.692	-	0.000	-	34.692

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
54	A	2608	Trusted Information System (TIS)	-	0.426	-	0.448	-	0.396	-	0.000	-	0.396
55	A	2611	Naval Tact Cmd Supt Sys (NTCSS)	-	32.778	-	35.732	-	15.703	-	0.000	-	15.703
56	A	2614	Adv Tact Data Link Sys (ATDLS)	-	1.026	-	0.000	-	3.836	-	0.000	-	3.836
57	A	2618	Navy Command and Control System (NCCS)	-	7.896	-	9.533	-	7.201	-	0.000	-	7.201
58	A	2622	Minesweeping System Replacement	-	33.221	-	60.111	-	54.400	-	0.000	-	54.400
59	A	2624	Shallow Water Mine CM Ship	-	1.045	-	6.950	-	8.548	-	0.000	-	8.548
60	A	2657	NAVSTAR GPS Receivers (Space)	-	11.847	-	9.089	-	11.765	-	0.000	-	11.765
61	A	2666	American Forces Radio and TV Service (AFRTS)	-	4.359	-	7.768	-	6.483	-	0.000	-	6.483
62	A	2676	Strategic Platform Support Equip	-	4.133	-	3.614	-	7.631	-	0.000	-	7.631
Total: Communications & Electronics Equip / Other Ship Electronic Equipment				-	116.063	-	161.126	-	150.655	-	0.000	-	150.655

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 8: Training Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
63	A	2762	Other Training Equipment	-	34.734	-	42.911	-	53.644	-	0.000	-	53.644
Total: Communications & Electronics Equip / Training Equipment				-	34.734	-	42.911	-	53.644	-	0.000	-	53.644

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
64	A	2815	MATCALs	-	13.368	-	5.861	-	7.461	-	0.000	-	7.461
65	A	2831	Shipboard Air Traffic Control	-	7.394	-	8.362	-	9.140	-	0.000	-	9.140
66	A	2832	Automatic Carrier Landing System	-	17.018	-	15.685	-	20.798	-	0.000	-	20.798

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
67	A	2840	National Air Space System	-	24.581	-	16.919	-	19.754	-	0.000	-	19.754
68	A	2845	Fleet Air Traffic Control Systems	-	7.213	-	6.828	-	8.909	-	0.000	-	8.909
69	A	2846	Landing Systems	-	7.138	-	7.646	-	13.554	-	0.000	-	13.554
70	A	2851	ID Systems	-	31.470	-	35.474	-	38.934	-	0.000	-	38.934
71	A	2876	Naval Mission Planning Systems	-	8.941	-	9.958	-	14.131	-	0.000	-	14.131
Total: Communications & Electronics Equip / Aviation Electronic Equipment				-	117.123	-	106.733	-	132.681	-	0.000	-	132.681

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
72	A	2804	Depl JT Cmd & Control (DJC2)	-	8.657	-	9.064	-	3.249	-	0.000	-	3.249
73	A	2900	Maritime Integrated Broadcast System	-	13.021	-	16.026	-	11.646	-	0.000	-	11.646
74	A	2906	Tactical/Mobile C4I Systems	-	10.876	-	15.489	-	18.189	-	0.000	-	18.189
75	A	2914	Distributed Common Ground System-Navy (DCGS-N)	-	12.499	-	11.887	-	17.350	-	0.000	-	17.350
76	A	2915	CANES	-	78.239	-	341.398	-	340.567	-	0.000	-	340.567
77	A	2920	RADIAC	-	6.185	-	8.083	-	9.835	-	0.000	-	9.835
78	A	2925	CANES Intell	-	73.363	-	79.427	-	59.652	-	0.000	-	59.652
79	A	2940	Gen Purp Elec Test Equip (GPETE)	-	6.010	-	6.083	-	6.253	-	0.000	-	6.253
80	A	2960	Integ Combat System Test Facility	-	4.430	-	4.495	-	4.963	-	0.000	-	4.963
81	A	2970	EMI Control Instrumentation	-	4.741	-	4.767	-	4.664	-	0.000	-	4.664

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
82	A	2980	Items less than \$5 Million	-	42.416	-	81.755	-	66.889	-	0.000	-	66.889
Total: Communications & Electronics Equip / Other Shore Electronic Equipment				-	260.437	-	578.474	-	543.257	-	0.000	-	543.257

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
83	A	3010	Shipboard Tactical Comms	-	1.494	-	0.000	-	0.000	-	0.000	-	0.000
84	A	3050	Ship Communications Automation	-	274.112	-	56.870	-	23.877	-	0.000	-	23.877
85	A	3051	MDA	-	24.022	-	1.063	-	0.000	-	0.000	-	0.000

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Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
86	A	3057	Communications Items under \$5M	-	26.985	-	28.522	-	28.001	-	0.000	-	28.001
Total: Communications & Electronics Equip / Shipboard Communications				-	326.613	-	86.455	-	51.878	-	0.000	-	51.878

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
87	A	3107	Submarine Broadcast Support	-	11.243	-	4.183	-	7.856	-	0.000	-	7.856
88	A	3130	Submarine Communication Equipment	-	75.198	-	69.025	-	74.376	-	0.000	-	74.376

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications

Cost (\$ in Millions)													
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Submarine Communications				-	86.441	-	73.208	-	82.232	-	0.000	-	82.232

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
89	A	3215	Satellite Communications Systems	-	28.601	-	49.294	-	27.381	-	0.000	-	27.381
90	A	3216	Navy Multiband Terminal (NMT)	-	107.242	-	184.825	-	215.952	-	0.000	-	215.952
Total: Communications & Electronics Equip / Satellite Communications				-	135.843	-	234.119	-	243.333	-	0.000	-	243.333

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 14: Shore Communications

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
91	A	3302	JCS Communications Equipment	-	2.186	-	2.180	-	4.463	-	0.000	-	4.463
92	A	3303	Electrical Power Systems	-	1.329	-	1.354	-	0.778	-	0.000	-	0.778
93	A	3368	Naval Shore Communications	-	2.327	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Shore Communications				-	5.842	-	3.534	-	5.241	-	0.000	-	5.241

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
94	A	3415	Info Systems Security Program (ISSP)	-	93.960	-	144.104	-	133.530	-	0.000	-	133.530
95	A	3417	MIO Intel Exploitation Team	-	0.000	-	0.000	-	1.000	-	0.000	-	1.000
Total: Communications & Electronics Equip / Cryptographic Equipment				-	93.960	-	144.104	-	134.530	-	0.000	-	134.530

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
96	A	3501	Cryptologic Communications Equip	-	14.820	-	12.604	-	12.251	-	0.000	-	12.251
Total: Communications & Electronics Equip / Cryptologic Equipment				-	14.820	-	12.604	-	12.251	-	0.000	-	12.251

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
97	A	3620	Coast Guard Equipment	-	6.848	-	6.680	-	2.893	-	0.000	-	2.893

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(Listing by Appropriation, then Line Number)

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Communications & Electronics Equip / Other Electronic Support				-	6.848	-	6.680	-	2.893	-	0.000	-	2.893

Appropriation 1810N: Other Procurement, Navy

BA 02: Communications & Electronics Equip / BSA 19: Drug Interdiction Support

Line# Cost Type Line Item # Line Item Title				Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
98	A	3820	Other Drug Interdiction Support	-	57.147	-	0.000	-	0.000	-	0.000	-	0.000
Total: Communications & Electronics Equip / Drug Interdiction Support				-	57.147	-	0.000	-	0.000	-	0.000	-	0.000

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars							P-1 Line Item Nomenclature: 2040 - Radar Support				

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	2.127	-	-	-	-	-	0.066	-	-	-	2.193
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[P3A / KGCA7 PERISCOPE DETECTION RADAR - FMP]: [P3A / KGCA7 PERISCOPE DETECTION RADAR - FMP]: The CVN Periscope Detection Radar, AN/SPS-74(V)2, fields a radar that provides automatic detection and discrimination of submarine periscopes using advanced algorithms enabling discrimination of periscopes from surface contacts, buoys, small boats, floating mines, etc. Funding also implements and procures Engineering Change Orders (ECOs) required to reflect modifications/changes resulting from initial Fleet operations and associated Fleet feedback. Beginning in FY13, funding is realigned to BLI 2980.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS	P3A				27.301			10.618			-			-			-			-
Total Gross/Weapon System Cost					27.301			10.618			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars												P-1 Line Item Nomenclature: 2040 - Radar Support									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS	P3A			-			-			-			-			-				37.919	
Total Gross/Weapon System Cost				-			-			-			-			-				37.919	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars				P-1 Line Item Nomenclature: 2040 - Radar Support				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS				
Models of Systems Affected: PERISCOPE DETECTION RADAR				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars				P-1 Line Item Nomenclature: 2040 - Radar Support								Modification Nomenclature (Modification Number - Modification Title): 1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS			
Models of Systems Affected: PERISCOPE DETECTION RADAR				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N							
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS															
B Kits															
Recurring															
1.1) KGCA7 PERISCOPE DETECTION RADAR - FMP - NonOrganic ⁽¹⁾	- / -	1 / 3.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.200			
1.2) KGCA7 PERISCOPE DETECTION RADAR - NON FMP - NonOrganic	- / -	1 / 3.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.200			
1.3) KGCA7 ENGINEERING CHANGE ORDERS - NonOrganic	- / 15.468	- / 0.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.986			
1.4) KGCA7 PRODUCTION SUPPORT - Organic	- / 11.833	- / 2.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.720			
Subtotal Recurring	- / 27.301	2 / 9.805	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 37.106			
Total, KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS	- / 27.301	2 / 9.805	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 37.106			
Total Procurement, All Modifications	- / 27.301	2 / 9.805	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 37.106			
Total Procurement and Support	27.301	9.805	-	-	-	-	-	-	-	-	-	37.106			
KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS Installation Cost	- / 0.000	- / 0.813	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.813			
Total Installation Cost	- / 0.000	- / 0.813	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.813			
Total Cost (Procurement + Support + Installation)	27.301	10.618	-	-	-	-	-	-	-	-	-	37.919			

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars										P-1 Line Item Nomenclature: 2040 - Radar Support										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS											
Models of Systems Affected: PERISCOPE DETECTION RADAR										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604501N											
Manufacturer Information: KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS																															
Manufacturer Name: 3 Phoenix														Manufacturer Location: Chantilly, VA																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 16																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Sep 2012																													
Delivery Dates		Sep 2013																													
Installation: KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS														Method of Implementation: [none specified]										Installation Name: KGCA7 PERISCOPE DETECTION RADAR - FMP							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / 0.813		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.813								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / 0.813		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.813								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 1: Ship Radars	P-1 Line Item Nomenclature: 2040 - Radar Support	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - KGCA7 - PERISCOPE DETECTION RADAR AND INSTALLATIONS
Models of Systems Affected: PERISCOPE DETECTION RADAR	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604501N
(1) Installation for FY12 units of AN/SPS-74 will be reflected in BLI 2980. The first production unit in FY12 will require 16 month production lead time and the second FY12 unit will require 18 months. The remaining 7 units will require 13 month lead times. The FY12 installation funds are for Design Services Allocation and Advance Planning for the FY13 installations that are now reflected in the budget for OPN line item 2980.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars							P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	86.392	18.236	19.777	27.934	-	27.934	34.017	29.183	35.175	35.787	458.136	744.637
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	86.392	18.236	19.777	27.934	-	27.934	34.017	29.183	35.175	35.787	458.136	744.637
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	86.392	18.236	19.777	27.934	-	27.934	34.017	29.183	35.175	35.787	458.136	744.637
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.876	0.464	0.429	-	0.429	0.872	1.368	1.372	0.252	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This program provides for procurement of AN/SPQ-9B Radars whose primary mission is to detect and track low flying Anti-Ship Missile targets in heavy clutter. The mission of the AN/SPQ-9B is currently being expanded to include the capability to detect and classify periscopes with the completion and incorporation of a Periscope Detection and Discrimination (PDD) capability designed to operate concurrently with the Anti-Ship Missile Defense (ASMD) capability. [BR5IN AN/SPQ-9B FMP INSTALLATIONS]: Provides funding to install AN/SPQ-9B Radar systems. AN/SPQ-9B systems are installed using Alteration Installation Teams (AITs) that require Planning Yard Design Services Allocation (DSA) funds one (1) and two (2) years prior to installation. Advance Planning (AP) is required one (1) year prior to installation. [BR6IN AN/SPQ-9B NON FMP INSTALLATIONS]: Provides funding for the installation of equipment for Land Based Test Sites (LBTS). [P40A / BR040 TRANSMITTER UPGRADE FMP]: Funding is provided for installations of AN/SPQ-9B Transmitter Upgrades on LPD-17. [P40A / BR040 TRANSMITTER UPGRADE NON-FMP EQUIPMENT]: Funding provided for Transmitter Upgrade Processor installations at Surface Warfare Engineering Facility (SWEF) and Combat Systems Engineering Development Site (CSEDS) (both non-FMP). [P40A / BR042 MISCELLANEOUS ECPs]: Procures product improvements generated by Engineering Change Proposals (ECPs); corrects problems reported by Fleet units; upgrades unreliable components and replaces obsolete components and parts no longer in production for AN/SPQ-9B Radar; and addresses supportability concerns. Purchases and installs ECPs, including Antenna Shock Upgrade Kits, Digital Signal Processor (DSP) Kits, Periscope Detection and Discrimination (PDD) Kits and engineering change kit hardware components. Antenna Shock Upgrade Kits will be installed during Antenna Restorations. DSP and PDD kits will be installed via Alteration Installation Team (AIT) and can be accomplished outside of a CNO Availability.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): [P40A / BR830 AN/SPQ-9B PRODUCTION SUPPORT]: Supports the AN/SPQ-9B Radar program In-Service Engineering Agent (ISEA), Software Support Activity (SSA), Integrated Logistics Agent (ILA), Acquisition Engineering Agent (AEA), and Technical Design Agent (TDA). Also includes support for production of hardware and production hardware components related to Engineering Change Proposals (ECPs). [P40A / BRCA1 AN/SPQ-9B RADAR COMPONENTS]: Funding is provided via Congressional Plus Up to procure AN/SPQ-9B Radars, Transmitter Upgrades (TUP), Antennas, sub-components, software and modifications. [P40A / BRCA2 AN/SPQ-9B RADAR COMPONENTS]: Funding is provided via Congressional Plus Up to procure AN/SPQ-9B Radars, Transmitter Upgrades (TUP), Antennas, sub-components, software and modifications. [P3A / BR040 AN/SPQ-9B RADAR FMP EQUIPMENT]: Procures AN/SPQ-9B Radars to add Anti-Ship Missile Defense (ASMD) capability to Shipboard Combat Systems. Procures to support combat systems on the following ship classes: CG, LHA, DDG, CVN, LHD, LPD, U.S. Coast Guard National Security Cutter and a Training Unit. Systems procured for Cruisers/Destroyers (CRUDES) and Amphibious Ships in FY 12 and beyond will also include the Periscope Detection and Discrimination (PDD) capability.																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SPQ-9B Radar	P40A, P5A				61.599			16.427			4.057			10.810			-			10.810
1 - BR040 AN/SPQ-9B RADAR FMP EQUIPMENT	P3A				24.793			1.809			15.720			17.124			-			17.124
Total Gross/Weapon System Cost					86.392			18.236			19.777			27.934			-			27.934

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SPQ-9B Radar	P40A, P5A				-			-			-			-			-			-
1 - BR040 AN/SPQ-9B RADAR FMP EQUIPMENT	P3A				26.029			20.316			27.482			31.896			450.914			616.083
Total Gross/Weapon System Cost					34.017			29.183			35.175			35.787			458.136			744.637

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar							Aggregated Item Name: SPQ-9B Radar					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) BR040 AN/SPQ-9B RADAR																				
† 1.1) BR040 ANTENNA	A		2,492K	4	9.968	2,578K	3	7.733	-	-	-	-	-	-	-	-	-	-	-	
1.2) BR040 ANTENNA TEST STAND	A		1,025K	1	1.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.3) BR040 TRANSMITTER UPGRADE FMP	A		-	-	12.961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) BR040 TRANSMITTER UPGRADE NON-FMP EQUIPMENT	A		-	-	2.958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) BR040 AN/ SPQ-9B RADAR					26.912			7.733			-			-			-			-
2) BR042 AN/SPQ-9B ENGINEERING CHANGE PROPOSALS (ECP)																				
2.1) BR042 MISCELLANEOUS ECPs	A		-	-	4.500	-	-	0.149	-	-	0.153	-	-	0.155	-	-	-	-	0.155	
† 2.2) BR042 ANTENNA SHOCK UPGRADE KITS	A		525,000.00	2	1.050	528,400.00	5	2.642	-	-	-	-	-	-	-	-	-	-	-	
† 2.3) BR042 DIGITAL SIGNAL PROCESSOR KITS	A		384,666.67	3	1.154	375,000.00	2	0.750	-	-	-	388,000.00	3	1.164	-	-	-	388,000.00	3	1.164
† 2.4) BR042 PDD KITS	A		-	-	-	665,000.00	5	3.325	676,250.00	4	2.705	687,833.33	12	8.254	-	-	-	687,833.33	12	8.254
Subtotal 2) BR042 AN/ SPQ-9B ENGINEERING CHANGE PROPOSALS (ECP)					6.704			6.866			2.858			9.573			-			9.573
3) BR830 AN/SPQ-9B PRODUCTION SUPPORT																				
3.1) BR830 AN/ SPQ-9B PRODUCTION SUPPORT	A		-	-	6.356	-	-	1.828	-	-	1.199	-	-	1.237	-	-	-	-	-	1.237
Subtotal 3) BR830 AN/ SPQ-9B PRODUCTION SUPPORT					6.356			1.828			1.199			1.237			-			1.237
4) BRCA1 AN/SPQ-9B RADAR COMPONENTS																				
4.1) BRCA1 AN/ SPQ-9B RADAR COMPONENTS	A		7,400K	2	14.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar										Aggregated Item Name: SPQ-9B Radar				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) BRCA1 AN/SPQ-9B RADAR COMPONENTS					14.800			-			-			-			-			-
5) BRCA2 AN/SPQ-9B RADAR COMPONENTS																				
5.1) BRCA2 AN/SPQ-9B RADAR COMPONENTS	A		6,800K	1	6.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) BRCA2 AN/SPQ-9B RADAR COMPONENTS					6.800			-			-			-			-			-
6) WAXXX ACQUISITION WORKFORCE FUND																				
6.1) WAXXX ACQUISITION WORKFORCE FUND-2009	A		-	-	0.027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) WAXXX ACQUISITION WORKFORCE FUND					0.027			-			-			-			-			-
Total					61.599			16.427			4.057			10.810			-			10.810

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar							Aggregated Item Name: SPQ-9B Radar					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) BR040 AN/SPQ-9B RADAR																				
† 1.1) BR040 ANTENNA	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) BR040 ANTENNA TEST STAND	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) BR040 TRANSMITTER UPGRADE FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) BR040 TRANSMITTER UPGRADE NON-FMP EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) BR040 AN/ SPQ-9B RADAR					-			-			-			-			-			-
2) BR042 AN/SPQ-9B ENGINEERING CHANGE PROPOSALS (ECP)																				
2.1) BR042 MISCELLANEOUS ECPs	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) BR042 ANTENNA SHOCK UPGRADE KITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) BR042 DIGITAL SIGNAL PROCESSOR KITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.4) BR042 PDD KITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) BR042 AN/ SPQ-9B ENGINEERING CHANGE PROPOSALS (ECP)					-			-			-			-			-			-
3) BR830 AN/SPQ-9B PRODUCTION SUPPORT																				
3.1) BR830 AN/ SPQ-9B PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) BR830 AN/ SPQ-9B PRODUCTION SUPPORT					-			-			-			-			-			-
4) BRCA1 AN/SPQ-9B RADAR COMPONENTS																				
4.1) BRCA1 AN/ SPQ-9B RADAR COMPONENTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars					P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar										Aggregated Item Name: SPQ-9B Radar					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) BRCA1 AN/SPQ-9B RADAR COMPONENTS					-			-			-			-			-			-
5) BRCA2 AN/SPQ-9B RADAR COMPONENTS																				
5.1) BRCA2 AN/SPQ-9B RADAR COMPONENTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) BRCA2 AN/SPQ-9B RADAR COMPONENTS					-			-			-			-			-			-
6) WAXXX ACQUISITION WORKFORCE FUND																				
6.1) WAXXX ACQUISITION WORKFORCE FUND-2009	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) WAXXX ACQUISITION WORKFORCE FUND					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar					Aggregated Item Name: SPQ-9B Radar			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) BR040 AN/SPQ-9B RADAR												
1.1) BR040 ANTENNA		2011	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Jul 2011	May 2013	1	2,787K	Y		Feb 2008
1.1) BR040 ANTENNA		2012	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Apr 2012	Jul 2013	3	2,578K	Y		Feb 2008
2) BR042 AN/SPQ-9B ENGINEERING CHANGE PROPOSALS (ECP)												
2.2) BR042 ANTENNA SHOCK UPGRADE KITS		2011	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Sep 2011	Mar 2013	2	525,000.00	Y		Feb 2008
2.2) BR042 ANTENNA SHOCK UPGRADE KITS		2012	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Apr 2012	Jul 2013	5	528,400.00	Y		Feb 2008
2.3) BR042 DIGITAL SIGNAL PROCESSOR KITS		2012	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Mar 2012	Mar 2013	2	375,000.00	Y		Feb 2008
2.3) BR042 DIGITAL SIGNAL PROCESSOR KITS		2014	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Mar 2014	Mar 2015	3	388,000.00	Y		Feb 2008
2.4) BR042 PDD KITS		2012	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Mar 2012	Jun 2013	5	665,000.00	Y		Feb 2008
2.4) BR042 PDD KITS		2013	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Mar 2013	Jun 2014	4	676,250.00	Y		Feb 2008
2.4) BR042 PDD KITS		2014	NORTHROP GRUMMAN / BALTIMORE, MARYLAND	SS / FP	WASHINGTON NAVY YARD	Mar 2014	Jun 2015	12	687,833.33	Y		Feb 2008

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - BR040 AN/SPQ-9B RADAR FMP EQUIPMENT				
Models of Systems Affected: AN/SPQ-9B RADAR FMP EQUIPMENT			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604501N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	24.793	1.809	15.720	17.124	-	17.124	26.029	20.316	27.482	31.896	450.914	616.083
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	24.793	1.809	15.720	17.124	-	17.124	26.029	20.316	27.482	31.896	450.914	616.083
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	24.793	1.809	15.720	17.124	-	17.124	26.029	20.316	27.482	31.896	450.914	616.083
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [BR040 AN/SPQ-9B RADAR FMP EQUIPMENT] Procures AN/SPQ-9B Radars to add Anti-Ship Missile Defense (ASMD) capability to Shipboard Combat Systems. Procures to support combat systems on the following ship classes: CG, LHA, DDG, CVN, LHD, LPD, U.S. Coast Guard National Security Cutter and a Training Unit. Systems procured for Cruisers/Destroyers (CRUDES) and Amphibious Ships in FY 12 and beyond will also include the Periscope Detection and Discrimination (PDD) capability.												

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LI 2026 - SPQ-9B Radar
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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - BR040 AN/SPQ-9B RADAR FMP EQUIPMENT																							
Models of Systems Affected: AN/SPQ-9B RADAR FMP EQUIPMENT				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N																							
Manufacturer Information: BR040 AN/SPQ-9B RADAR FMP EQUIPMENT																															
Manufacturer Name: NORTHROP GRUMMAN								Manufacturer Location: BALTIMORE, MD																							
Administrative Leadtime (<i>in Months</i>): 5								Production Leadtime (<i>in Months</i>): 18																							
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates				Apr 2013		Mar 2014		Mar 2015		Mar 2016		Mar 2017		Mar 2018																	
Delivery Dates				Oct 2014		Sep 2015		Sep 2016		Sep 2017		Sep 2018		Sep 2019																	
Installation: BR040 AN/SPQ-9B RADAR FMP EQUIPMENT				Method of Implementation: [none specified]				Installation Name: BR040 AN/SPQ-9B RADAR FMP EQUIPMENT																							
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		6 / 10.700	0 / 1.809	1 / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 13.109																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / 1.322	- / 2.600	- / -	- / 2.600	2 / 1.300	- / -	- / -	- / -	- / -	2 / 5.222																		
FY 2014		- / -	- / -	- / -	- / 1.302	- / -	- / 1.302	- / 2.600	2 / 1.300	- / -	- / -	- / -	2 / 5.202																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / 2.029	- / 4.000	3 / 2.000	- / -	- / -	3 / 8.029																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.388	- / 2.800	2 / 1.400	- / -	2 / 5.588																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.964	- / 4.491	3 / 1.964	3 / 8.419																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.133	3 / 6.393	3 / 8.526																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	58 / 92.781	58 / 92.781																		
Total		6 / 10.700	- / 1.809	1 / 1.922	- / 3.902	- / -	- / 3.902	2 / 5.929	2 / 6.688	3 / 6.764	2 / 8.024	64 / 101.138	80 / 146.876																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	2	-	-	1	2	-	2	-	-	-	64	80
Out	6	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	2	-	-	1	2	-	2	-	-	64	80
Footnotes: ⁽¹⁾ Prior to FY03, five (5) AN/SPQ-9B systems were funded under the Mk 86 program (BLI 5110). When BLI 2026 was established, only the install funding for four (4) out of the five (5) prior procurements under 5110 was transferred to this BLI. Non-FMP systems are not included in this installation schedule. FY08 asset procured for use in the DDG program with Congressional Plus-Up Funding and no corresponding																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2026 - SPQ-9B Radar	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - BR040 AN/SPQ-9B RADAR FMP EQUIPMENT
Models of Systems Affected: AN/SPQ-9B RADAR FMP EQUIPMENT	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604501N
installation dollars will now be used for LHD 1 installation. AN/SPQ-9B systems are installed using Alteration Installation Teams (AITs) that require Planning Yard Design Services Allocation (DSA) funds one (1) and two (2) years prior to installation. Advance Planning (AP) funds are required one (1) year prior to installation.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars							P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0205620N				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,367.549	71.771	89.201	83.231	-	83.231	112.892	129.202	120.115	149.861	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,367.549	71.771	89.201	83.231	-	83.231	112.892	129.202	120.115	149.861	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,367.549	71.771	89.201	83.231	-	83.231	112.892	129.202	120.115	149.861	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	3.375	2.522	0.274	-	0.274	1.894	1.435	0.636	0.243	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Navy's Strategy is to remain the preeminent maritime power, providing the U.S. a global expeditionary force committed to security and prosperity, while defending the Nation's interests. Within this vision, Anti-Submarine Warfare (ASW) remains a Navy core competency in a dynamic and uncertain maritime environment. U.S. adversaries continue to develop asymmetric capabilities and capacities to deter, disrupt, or delay the entry of U.S. and allied naval forces, and pose a constant challenge as we implement the Maritime Strategy. Evolving submarine technologies offer enhanced stealth, speed, endurance, weapons, and operational proficiency, trends foretelling that the adversary submarine of the future will have a significantly larger sphere of influence, while presenting less vulnerability to ASW forces. The effective offensive engagement range of the adversary submarine of the future will continue to match or outrange individual U.S. and multinational platform sensors and weapons in many tactical environments. Submarines are an increasing threat to all Naval and Allied ships, particularly modern diesel subs and faster torpedoes. Not only can the presence of potential hostile submarines delay naval combatant action until they are located and neutralized, submarines can also disrupt all seaborne logistics supply for any ground campaign as well as maritime commerce. ASW forces must be effective in all operating environments, ranging from the deep open ocean to the littorals, and are key to countering adversarial anti-access and area denial strategies. The AN/SQQ-89(V) Surface Ship ASW Combat System provides integrated Undersea Warfare (USW) combat management, fire control, command and control, and on-board training to enable surface combatants to engage USW targets in both open ocean and littoral environments. The AN/SQQ-89(V) is a system comprised of many subsystems, which integrate the helo and its sensors, the ship's own organic sensors, weapons, torpedo detection, and a high fidelity Surface ASW Synthetic Trainer (SAST). The AN/SQQ-89(V) was established as an Acquisition Category (ACAT) I acquisition program in 1983 and re-designated an ACAT IC program in 1990. In 1998, the AN/SQQ-89(V) program was deemed to be 90% complete and removed from the Major Defense Acquisition Program (MDAP) list. Variants of the AN/SQQ-89(V) are currently in operation on practically all in-service CG47, DDG51, and FFG7 Class Surface Combatants. The AN/SQQ-89(V) is also programmed for all in-line, new construction DDG51 Class ships under Shipbuilding and Conversion, Navy (SC,N) Budget Line Item (BLI) 2122, while a separate AN/SQQ-90 version is programmed for all in-line, new construction DDG1000 Class ships under SC,N BLI 2119. AN/SQQ-89A(V)15 Surface Ship USW Combat System Upgrade - Detailed Description:												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0205620N
MDAP/MAIS Code(s): A major upgrade to the AN/SQQ-89(V) legacy system, the AN/SQQ-89A(V)15 upgrade significantly decreases ship vulnerability to torpedo attack, improves surface ship USW shallow water warfighting capability in the littoral, and mitigates Commercial-Off-The-Shelf (COTS) obsolescence and supportability issues. The AN/SQQ-89A(V)15 upgrade was reported as a critical need for surface ASW operations by SECNAV. A Fleet Forces Command (FFC) Urgent Operational Need (UON) report identified the Fleet need for AN/SQQ-89A(V)15 upgrades. The need for the AN/SQQ-89A(V)15 is also articulated in the U.S. Pacific Command (PACOM) Integrated Priorities List (IPL); in an Office of the Chief of Naval Operations (OPNAV) funding priorities letter; in a 7th Fleet Bottom Up review report; and in the U.S. Fleet Forces ASW Integrated Priorities Capability List (IPCL). The AN/SQQ-89A(V)15 upgrade is programmed for backfit on: Select CG47 Class Baseline 3 and 4 (CG59-73) ships (those not planned for early decommissioning) via OP,N BLI 0960 (Cruiser Modernization) and OP,N BLI 2136 (represented here); DDG51 Class Flight I/II (DDG51-78) ships via OP,N BLI 0900 (DDG Modernization) and OP,N BLI 2136 (represented here); and DDG51 Class Flight IIA (DDG79-118) ships via OP,N BLI 2136 (represented here). The AN/SQQ-89A(V)15 upgrade, developed under RDT&E,N PE 0205620N, capitalizes on previously fielded AN/SQQ-89(V)15 systems. The AN/SQQ-89A(V)15 is comprised of a tactical towed array sensor, the Multi-Function Towed Array (MFTA), and will replace standard, militarized, legacy components with Commercial-Off-The-Shelf (COTS) hardware to provide an ASW combat system with the capability for mid-frequency bistatic and multi-static sonar operations. The AN/SQQ-89A(V)15 features a mid-frequency bistatic hull/towed Sonar Echo Tracker Classifier (ETC); hull/towed Sonar with Acoustic Intercept (ACI) fused data for significantly improved torpedo defense; Handling & Stowage Group (H&SG) for MFTA operation; Torpedo Setting Panel (TSP); passive towed array processing; common sub/surface sensor performance and prediction; common NAVAIR/Surface Light Airborne Multi-Purpose System (LAMPS) processing; portable software; integrated supportability; and on-board training via the SAST. The AN/SQQ-89A(V)15 will be interoperable with AEGIS Weapons System (AWS) baselines; is Open Architecture (OA) compliant (meeting OA Level 3 requirements); provides significant reductions in weight, space, cooling, and power requirements over legacy AN/SQQ-89(V) systems; is Grade A shock qualified; supports Digital Fire Control Integration (DFCI) capability; and is integrated with the Battle Force Tactical Trainer (BFTT). To be effective against increasingly stealthy threats in an often ambiguous undersea environment, future sensors must be environmentally adaptive, have very low false alarm rates, and exploit the full range of current and future submarine detection vulnerabilities. Via the Advanced Capability Build (ACB) process under RDT&E,N PE 0205620N (ACB-09, ACB-11, ACB-13, etc.), these types of maturing/proven USW technologies will be folded into the AN/SQQ-89A(V)15 production and future technology refresh programs. The majority of the AN/SQQ-89A(V)15 system equipment is procured via the prime vendor (currently Lockheed Martin, NY, with subcontract to Advanced Acoustic Concepts (AAC), NY and PA), while other Contractor Furnished Equipment (CFE), such as that for the MFTA, OK-410 H&SG, SAST, Static Automated Bus Transfer System (SABTS), TSP, Calibrated Reference Hydrophone (CRH) Junction Box, On Board Repair Parts (OBRPs), Maintenance Assist Modules (MAMS), Installation Checkout (INCO) Spares, and Special Tools and Test Equipment (STTE), is procured via other, separate, contract/funding vehicles. An average, aggregate AN/SQQ-89A(V)15 shipset unit cost is indicated on the applicable budget exhibits, however, it should be noted that this unit cost is comprised of multiple contract/funding vehicles as mentioned above. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities. Fleet availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule. [P40A / DB400 - CG47/DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15]: DB400 Cost Elements/Descriptions as Follows: [P40A / SYSTEM UPDATES (NON RECURRING ENGINEERING)]: Consists of the NRE efforts associated with the technology refresh/replacement of legacy AN/SQQ-89(V) equipment with updated Commercial-Off-The-Shelf (COTS) processors, including material procurement, fabrication, and integration of Government Furnished Property (GFP), as performed by the prime contractor. Hardware reviews will be conducted on an annual basis to determine if hardware changes are warranted based on Commercial-Off-The-Shelf (COTS) obsolescence and to identify applicable state-of-the-practice hardware components. This line also includes start-up/transition funding required for the AN/SQQ-89(V) prime in the first year of a new production/design agent contract.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0205620N
MDAP/MAIS Code(s):		
[P40A / MFTA (MULTI-FUNCTION TOWED ARRAY) MAJOR EQUIPMENT]: Procurement of MFTA equipment in support of the following: full retrofit on DDG51 Class ships that currently employ pre-production shipset versions; and full module sets required for expeditious replacement in the event of major damage (the MFTA component is considered a principle item). The MFTA is a key component of the AN/SQQ-89A(V)15 upgrade on Surface Combatants and enables ships to have active bi-statics, Continuous Active Sonar (CAS), adaptive beamforming, passive bellringers, and the use of new sensors for advanced torpedo detection. NOTE: FY13 version of the MFTA (via new contract award) includes additional equipment needed to accommodate system performance improvements over previous versions (adds Acoustic Intercept end caps, reels, slip ring encoders, etc.). [P40A / SAST (SURFACE ASW SYNTHETIC TRAINER) BACKFIT]: Upgrade of DDG51 Class ships that employ the pre-SAST AN/SQQ-89A(V)15 Advanced Capability Build ACB-09 baseline. The SAST provides a realistic, physics based, high fidelity trainer that will be used both for in-port and at-sea operator training. The SAST is integrated into the AN/SQQ-89A(V)15 and will provide the interface for future upgrades that will include integrated training through the Battleforce Tactical Trainer (BFTT). [P40A / CSSQT (COMBAT SYSTEMS SHIP QUALIFICATION TRIALS)]: Consists of a series of at-sea exercises and tests to verify/certify the AN/SQQ-89A(V)15 has been installed properly and can be operated and maintained safely and effectively. CSSQTs follow every AN/SQQ-89A(V)15 installation. [P40A / FOT&E (FOLLOW-ON OPERATIONAL TEST & EVALUATION)]: Represents the final independent test of each new increment of the AN/SQQ-89A(V)15 production baseline (i.e. ACB-09, ACB-11, ACB-13, etc.) conducted in support of the Director, Operational Test and Evaluation Title X review and report to congress. Follow-On Operational Test & Evaluation events are conducted to ensure each increment meets the operational effectiveness and suitability requirements for each incremental AN/SQQ-89 ACB baseline, along with its readiness and performance goals. Each test cycle is planned the year after initial ACB baseline fielding to allow time for installation and to verify performance prior to conducting the FOT&E. [P40A / EC'S (ENGINEERING CHANGES)]: Consists of Engineering Change Proposals (ECPs) and hardware/software changes/upgrades to previously fielding and in-production AN/SQQ-89A(V)15 systems. Funding will be used to support non-recurring first article test efforts associated with the changing COTS environment as well as Reliability, Maintainability, and Availability (RM&A) modifications requested by the Fleet; correct deficiencies identified through Fleet use; upgrade unreliable components; and replace obsolete components. [P40A / ILS (INTEGRATED LOGISTICS SUPPORT)]: Funding is provided for all ILS planning and coordination elements associated with each and every AN/SQQ-89A(V)15 modification/procurement/installation, including: configuration management and control of the hardware and software associated with each modification such as Maintenance and Material Management (3M); planned and corrective maintenance procedures and drawings; supporting the procurement of upgrades to Technical Training Equipment (TTE) for shore training sites; changes to maintenance concepts and associated updates to technical documentation, such as technical manuals; development of revisions to both operator and maintenance training materials as part of the initial training curriculum development; revisions to the Navy Training System Plan; initial conduct of instructor training (train-the-trainer) until such time that the training community assumes the responsibility; modifications to supply support related provisioning data and identification of related changes to Allowance Parts Lists (APLs) and Program Support Data (PSD) spares procurement lists; and Packaging, Handling, Storage and Transportation (PHST) support during the procurement, Installation and Checkout (INCO), and testing stages of the AN/SQQ-89A(V)15 to meet evolving capabilities. [P40A / FLTASWTRACEN (FLEET ASW TRAINING CENTER)]: Upgrade of AN/SQQ-89A(V)15 training equipment for the Fleet ASW Training Center, San Diego, CA. Training system improvements are a critical factor in achieving warfighter competencies and mission readiness. Equipment must be upgraded periodically to ensure continued support of the latest backfit Advanced Capability Build (ACB) and AEGIS Weapon System (AWS) baselines and to implement Fleet prioritized warfighting training improvements to meet evolving capabilities. [P40A / AIE (AEGIS INTEGRATION EVENTS)]: Recurring engineering services associated with AN/SQQ-89A(V)15 equipment at the ACSC Wallops Island, VA test facility for interoperability risk reduction analysis purposes, necessary to ensure system compatibility with respective AWS baselines prior to installation. [P40A / SSES (SURFACE SHIP ENGINEERING SITE)]: Procurement of AN/SQQ-89A(V)15 equipment for land based sites including the SSES at Syracuse, NY to support production system integration and interoperability testing. Equipment includes simulation hardware, test tools, fabrication and test of mod kits (hardware and operational software), and laboratory equipment. Equipment must be upgraded periodically to ensure continued support of the latest backfit Advanced Capability Build (ACB) and AEGIS Weapon System (AWS) baselines.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0205620N
MDAP/MAIS Code(s):		
[P40A / ACSC (AEGIS COMBAT SYSTEMS CENTER)]: Procurement of AN/SQQ-89A(V)15 equipment for land based sites including the ACSC at Wallops Island, VA, to support production system integration and interoperability testing. Equipment includes simulation hardware, test tools, fabrication and test of mod kits (hardware and operational software), and laboratory equipment. Equipment must be upgraded periodically to ensure continued support of the latest backfit Advanced Capability Build (ACB) and AEGIS Weapon System (AWS) baselines. [P40A / DB830 - PRODUCTION ENGINEERING - SQQ-89A(V)15]: DB830 Cost Element/Description as Follows: [P40A / PRODUCTION ENGINEERING]: Funding is for AN/SQQ-89A(V)15 program In-Service Engineering Agent (ISEA), Software Support Activity (SSA), Acquisition Engineering Agent (AEA), and Technical Design Agent (TDA) efforts in performing the following functions: writing of contracts; review and evaluation of production design data, documentation and Contract Data Requirements Lists (CDRLs); letting of production contract awards; on-site engineering support at the prime integrator's facility; production configuration control and quality assurance (Production Inspection Test (PIT) and Production Reliability Acceptance Test (PRAT)); witnessing of segment/system integration tests and preparation of reports; conduct of first article and factory acceptance tests; collection of performance metrics; generation/assessment of Software Problem Reports (SPRs) and coordination with vendors; value and maintenance engineering; coordination with AEGIS regarding interface definition and ship integration; support safety review and AEGIS Integration Events (AIE); provide plans, procedures and inputs to support Information Assurance (IA) mandates; provide status reports and technical briefings; support meetings with program office; and all other production support efforts directly related to delivery of AN/SQQ-89A(V)15 software and hardware. [P40A / DB900 - CONSULTING SERVICES - SQQ-89A(V)15]: DB900 Cost Element/Description as Follows: [P40A / CONSULTING SERVICES]: Funding to provide assistance in the following areas: program and financial management; system specification validation; production planning; business case and market analyses; vendor cost, schedule, performance, production, and contract deliverable monitoring; installation planning and coordination; Integrated Logistics Support (ILS) asset management, planning, documentation, and coordination; and evaluation of Engineering Change Proposals (ECPs). [P40A / DB984 - SYSTEM TECHNICAL SUPPORT - SIPS]: DB984 Cost Element/Description as Follows: [P40A / SIPS (SCALED IMPROVED PERFORMANCE SONAR)]: Funding is for the technical support of adjunct SIPS system hardware, upgrade of software to incorporate the latest functions and enhancements, and COTS obsolescence resolution/replacement. The SIPS adjunct upgrade on CG47 and DDG51 class ships provide quick, affordable, and measurable near-term active and passive performance enhancements to the existing, legacy AN/SQQ-89(V) Surface USW Combat System (before the major AN/SQQ-89A(V)15 upgrade is fielded). Active and passive improvements include critical improvements to torpedo defense warfighting capabilities (classification and alertment); reduction in high false contact rates and clutter thereby improving USW ability to correctly classify torpedoes; active improvements in operator/tactical employment proficiency; new active waveforms to improve littoral capability; and passive improvements in signal processing. [P3A / AN/SQQ-89A(V)15 - IPS REPLACEMENT]: DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment (in FY10) to replace the one-of-a-kind adjunct IPS sonar suite for subsequent installation (in FY12) on DDG60 (USS PAUL HAMILTON). An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade on board DDG60 (USS PAUL HAMILTON), ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard. [P3A / AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE]: DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on all DDG79-112 Flight IIA ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard. [P3A / AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE]: DB400 PROCUREMENT: Procurement of a subset of AN/SQQ-89A(V)15 equipment, specifically the Multi-Function Towed Array (MFTA) and Handling & Stowage Group (H&SG), for subsequent installation on all DDG113-118 Flight IIA ships during their Post Shakedown Availability (PSA) period to upgrade the ASW sonar suite		

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ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0205620N									

MDAP/MAIS Code(s):

from an AN/SQQ-89(V)15 configuration to the AN/SQQ-89A(V)15 configuration. DB6IN INSTALLATION: Funding is for the physical installation of the H&SG and MFTA on DDG113-118 Flight IIA ships during their PSA period, which includes the installation of an egress, under-deck stiffeners, cables, bulkeads, opening and closing of the transom, the winch, levelwind, fairlead and control station, decking, painting, and final system testing.

[P3A / AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE]: DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on select CG59-73 Baseline 3/4 ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. NOTE: Procurement of an AN/SQQ-89A(V)15 system for CG47 class ships requires additional equipment on top of that required for DDG51 Class FLT IIA ships (TR-343 Transducer Array and change-out of all associated existing power distribution units and transmitters). DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard.

[P3A / AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE]: DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on select DDG51-78 FLT I/II ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. NOTE: Procurement of an AN/SQQ-89A(V)15 for DDG51 Class FLT I/II ships does not require the OK-410 Handling & Stowage Group (H&SG) subsystem as needed with DDG51 Class FLT IIA ships. DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard.

[P3A / AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH]: DB400 PROCUREMENT: Procurement of software/hardware technology upgrades for all CG47/DDG51 Class surface combatant platforms with a previously fielded AN/SQQ-89A(V)15, as necessary to manage obsolescence, take advantage of commercial development efforts, and continue to pace the threat and ensure the system remains effective well into the 21st century. DB6IN INSTALLATION: Funding is for the physical installation of periodic software/hardware technology upgrades for all CG47/DDG51 Class surface combatant platforms with a previously fielded AN/SQQ-89A(V)15.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM	P40A, P5A				1,158.082			30.105			32.120			30.549			-			30.549
1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT	P3A				9.490			3.458			-			-			-			-
2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE	P3A				199.977			38.208			51.952			44.566			-			44.566
3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE	P3A				0.000			-			5.129			-			-			-

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ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0205620N									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE	P3A				0.000			-			-			-			-			-
5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/ II UPGRADE	P3A				0.000			-			-			-			-			-
6 - AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/ REFRESH	P3A				0.000			-			-			8.116			-			8.116
Total Gross/Weapon System Cost					1,367.549			71.771			89.201			83.231			-			83.231

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM	P40A, P5A				-			-			-			-			-			-
1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT	P3A				-			-			-			-			-			12.948
2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE	P3A				31.611			42.473			26.358			26.941			16.874			478.960
3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE	P3A				12.182			5.411			14.246			1.647			3.353			41.968
4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE	P3A				20.757			2.106			11.112			-			-			33.975
5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/ II UPGRADE	P3A				7.884			32.385			9.395			53.080			25.547			128.291
6 - AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/ REFRESH	P3A				19.318			26.743			33.020			47.483	Continuing			Continuing		
Total Gross/Weapon System Cost					112.892			129.202			120.115			149.861	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 The OP,N BLI 2136 budget primarily supports the upgrade of legacy, in-service AN/SQQ-89(V) systems to the superior AN/SQQ-89A(V)15 USW Combat System baseline, as well as the fielding of other, near-term adjunct ASW warfighting improvements on surface combatants, such as the Scaled Improved Performance Sonar (SIPS). Additionally, the OP,N BLI 2136 budget will be responsible for periodic

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0205620N
MDAP/MAIS Code(s): technology refresh initiatives in conjunction with previously fielded AN/SQQ-89A(V)15 systems across all CG47 and DDG51 Class platforms (software/hardware technology upgrades/insertions) to pace the threat and remain effective well into the 21st century.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars									P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys						Aggregated Item Name: AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) DB400 - CG47/DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15																				
1.1) SYSTEM UPDATES (NON RECURRING ENGINEERING)	A		-	-	6.233	-	-	2.493	-	-	2.298	-	-	1.919	-	-	-	-	-	1.919
† 1.2) MFTA (MULTI-FUNCTION TOWED ARRAY) MAJOR EQUIPMENT	A		2,200K	2	4.400	-	-	-	2,576K	2	5.151	2,627K	2	5.254	-	-	-	2,627K	2	5.254
1.3) SAST (SURFACE ASW SYNTHETIC TRAINER) BACKFIT	A		-	-	-	-	-	-	-	-	1.311	-	-	-	-	-	-	-	-	-
1.4) CSSQT (COMBAT SYSTEMS SHIP QUALIFICATION TRIALS)	A		-	-	10.332	-	-	3.035	-	-	2.961	-	-	1.927	-	-	-	-	-	1.927
1.5) FOT&E (FOLLOW-ON OPERATIONAL TEST & EVALUATION)	A		-	-	1.314	-	-	-	-	-	1.667	-	-	-	-	-	-	-	-	-
1.6) EC'S (ENGINEERING CHANGES)	A		-	-	1,059.171	-	-	2.723	-	-	2.597	-	-	1.942	-	-	-	-	-	1.942
1.7) ILS (INTEGRATED LOGISTICS SUPPORT)	A		-	-	17.882	-	-	6.511	-	-	5.796	-	-	3.602	-	-	-	-	-	3.602
1.8) FLTASWTRACEN (FLEET ASW TRAINING CENTER)	A		-	-	1.561	-	-	-	-	-	-	-	-	1.371	-	-	-	-	-	1.371
1.9) AIE (AEGIS INTEGRATION EVENTS)	A		-	-	9.289	-	-	3.570	-	-	3.641	-	-	3.714	-	-	-	-	-	3.714
1.10) SSES (SURFACE SHIP ENGINEERING SITE)	A		-	-	2.725	-	-	3.020	-	-	-	-	-	3.142	-	-	-	-	-	3.142
1.11) ACSC (AEGIS COMBAT SYSTEMS CENTER)	A		-	-	-	-	-	0.662	-	-	-	-	-	2.412	-	-	-	-	-	2.412
Subtotal 1) DB400 - CG47/DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15					1,112.907			22.014			25.422			25.283			-			25.283
2) DB830 - PRODUCTION ENGINEERING - SQQ-89A(V)15																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys										Aggregated Item Name: AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1) PRODUCTION ENGINEERING	A		-	-	26.686	-	-	4.653	-	-	4.006	-	-	3.518	-	-	-	-	-	3.518
<i>Subtotal 2) DB830 - PRODUCTION ENGINEERING - SQQ-89A(V)15</i>					26.686			4.653			4.006			3.518			-			3.518
3) DB900 - CONSULTING SERVICES - SQQ-89A(V)15																				
3.1) CONSULTING SERVICES	A		-	-	9.951	-	-	2.222	-	-	1.672	-	-	1.748	-	-	-	-	-	1.748
<i>Subtotal 3) DB900 - CONSULTING SERVICES - SQQ-89A(V)15</i>					9.951			2.222			1.672			1.748			-			1.748
4) DB984 - SYSTEM TECHNICAL SUPPORT - SIPS																				
4.1) SIPS (SCALED IMPROVED PERFORMANCE SONAR)	A		-	-	8.538	-	-	1.216	-	-	1.020	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) DB984 - SYSTEM TECHNICAL SUPPORT - SIPS</i>					8.538			1.216			1.020			-			-			-
Total					1,158.082			30.105			32.120			30.549			-			30.549

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys								Aggregated Item Name: AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) DB400 - CG47/ DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15																				
1.1) SYSTEM UPDATES (NON RECURRING ENGINEERING)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) MFTA (MULTI- FUNCTION TOWED ARRAY) MAJOR EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) SAST (SURFACE ASW SYNTHETIC TRAINER) BACKFIT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) CSSQT (COMBAT SYSTEMS SHIP QUALIFICATION TRIALS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) FOT&E (FOLLOW- ON OPERATIONAL TEST & EVALUATION)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) EC'S (ENGINEERING CHANGES)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) ILS (INTEGRATED LOGISTICS SUPPORT)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) FLTASWTRACEN (FLEET ASW TRAINING CENTER)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) AIE (AEGIS INTEGRATION EVENTS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) SSES (SURFACE SHIP ENGINEERING SITE)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) ACSC (AEGIS COMBAT SYSTEMS CENTER)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) DB400 - CG47/DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15</i>					-			-			-			-			-			-
2) DB830 - PRODUCTION ENGINEERING - SQQ-89A(V)15																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys										Aggregated Item Name: AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) DB830 - PRODUCTION ENGINEERING - SQQ-89A(V)15					-			-			-			-			-			-
3) DB900 - CONSULTING SERVICES - SQQ-89A(V)15																				
3.1) CONSULTING SERVICES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) DB900 - CONSULTING SERVICES - SQQ-89A(V)15					-			-			-			-			-			-
4) DB984 - SYSTEM TECHNICAL SUPPORT - SIPS																				
4.1) SIPS (SCALED IMPROVED PERFORMANCE SONAR)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) DB984 - SYSTEM TECHNICAL SUPPORT - SIPS					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys					Aggregated Item Name: AN/SQQ-89(V) SURFACE ASW COMBAT SYSTEM			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) DB400 - CG47/DDG51 CLASS SYSTEM COMPONENTS - SQQ-89A(V)15												
1.2) MFTA (MULTI-FUNCTION TOWED ARRAY) MAJOR EQUIPMENT		2011	Lockheed Martin / Syracuse, NY	C / FP	NAVSEA	Feb 2012	Aug 2013	2	2,200K	Y		May 2007
1.2) MFTA (MULTI-FUNCTION TOWED ARRAY) MAJOR EQUIPMENT		2013	TBD / TBD	C / FP	NAVSEA	May 2013	Nov 2014	2	2,576K	Y		May 2012
1.2) MFTA (MULTI-FUNCTION TOWED ARRAY) MAJOR EQUIPMENT		2014	TBD / TBD	C / FP	NAVSEA	Jan 2014	Jul 2015	2	2,627K	Y		May 2012

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT				
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V)6/IPS system to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	9.490	3.458	-	-	-	-	-	-	-	-	-	12.948
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	9.490	3.458	-	-	-	-	-	-	-	-	-	12.948
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	9.490	3.458	-	-	-	-	-	-	-	-	-	12.948
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 [AN/SQQ-89A(V)15 - IPS REPLACEMENT] DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment (in FY10) to replace the one-of-a-kind adjunct IPS sonar suite for subsequent installation (in FY12) on DDG60 (USS PAUL HAMILTON). An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. DB61N INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade on board DDG60 (USS PAUL HAMILTON), ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard.

The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities, hull access cuts, and installation of the Handling & Stowage Gear (H&SG) on non-tailed (i.e. no towed array) DDG51 Class Flight IIA hulls, which is required for the operation of the new tactical towed sonar, the Multi-Function Towed Array (MFTA).

AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V)6/IPS system to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys						Modification Nomenclature (Modification Number - Modification Title): 1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT			
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V)6/IPS system to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SQQ-89A(V)15 - IPS REPLACEMENT													
B Kits													
Recurring													
1.1) AN/SQQ-89A(V)15 - IPS REPLACEMENT - NonOrganic	1 / 8.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.498	
Subtotal Recurring	1 / 8.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.498	
Total, AN/SQQ-89A(V)15 - IPS REPLACEMENT	1 / 8.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.498	
Total Procurement, All Modifications	1 / 8.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.498	
Total Procurement and Support	8.498	-	-	-	-	-	-	-	-	-	-	8.498	
AN/SQQ-89A(V)15 - IPS REPLACEMENT Installation Cost	- / 0.992	- / 3.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.450	
Total Installation Cost	- / 0.992	- / 3.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.450	
Total Cost (Procurement + Support + Installation)	9.490	3.458	-	-	-	-	-	-	-	-	-	12.948	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT																							
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V)6/IPS system to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N																							
Manufacturer Information: AN/SQQ-89A(V)15 - IPS REPLACEMENT																															
Manufacturer Name: Lockheed Martin ⁽¹⁾							Manufacturer Location: Syracuse, NY																								
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 18																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates																															
Delivery Dates																															
Installation: AN/SQQ-89A(V)15 - IPS REPLACEMENT																															
Method of Implementation: AIT and SHIPYARD							Installation Name: AN/SQQ-89A(V)15 - IPS REPLACEMENT																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	0 / 0.992	1 / 3.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.450																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	0 / 0.992	1 / 3.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.450																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/SQQ-89A(V)15 - IPS REPLACEMENT
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V)6/IPS system to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N
(1) Production leadtime is 18 months after contract award. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars			P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys					Modification Nomenclature (Modification Number - Modification Title): 2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE				
Models of Systems Affected: Upgrade of legacy AN/ SQQ-89(V) systems on all DDG79-112 ships to AN/ SQQ-89A(V)15 configuration			Type Modification: Warfighting Capability					Related RDT&E PEs: 0205620N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	199.977	38.208	51.952	44.566	-	44.566	31.611	42.473	26.358	26.941	16.874	478.960
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	199.977	38.208	51.952	44.566	-	44.566	31.611	42.473	26.358	26.941	16.874	478.960
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	199.977	38.208	51.952	44.566	-	44.566	31.611	42.473	26.358	26.941	16.874	478.960
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
[AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE] DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on all DDG79-112 Flight IIA ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard.												
The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities, hull access cuts, and installation of the Handling & Stowage Gear (H&SG) on non-tailed (i.e. no towed array) DDG51 Class Flight IIA hulls, which is required for the operation of the new tactical towed sonar, the Multi-Function Towed Array (MFTA).												
AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on all DDG79-112 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N

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LI 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
Navy

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE				
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on all DDG79-112 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				
Manufacturer Information: AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE												
Manufacturer Name: Lockheed Martin ⁽³⁾							Manufacturer Location: Syracuse, NY					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jun 2012	Mar 2013										
Delivery Dates	Dec 2013	Sep 2014										
Manufacturer Name: TBD ⁽⁴⁾							Manufacturer Location: TBD					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018					
Delivery Dates			Jul 2015	Jul 2016	Jul 2017	Jul 2018	Jul 2019					
Installation: AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE			Method of Implementation: AIT and SHIPYARD					Installation Name: AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	12 / 56.402	2 / 12.250	3 / 14.071	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 82.723
FY 2012	- / -	- / -	- / 3.092	3 / 14.114	- / -	3 / 14.114	- / -	- / -	- / -	- / -	- / -	3 / 17.206
FY 2013	- / -	- / -	- / -	- / 4.181	- / -	- / 4.181	4 / 19.587	- / -	- / -	- / -	- / -	4 / 23.768
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.030	3 / 14.978	- / -	- / -	- / -	3 / 18.008
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.053	1 / 5.113	- / -	- / -	1 / 6.166
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.255	3 / 15.477	- / -	3 / 18.732
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.213	2 / 10.516	2 / 12.729
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.358	1 / 6.358
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	12 / 56.402	2 / 12.250	3 / 17.163	3 / 18.295	- / -	3 / 18.295	4 / 22.617	3 / 16.031	1 / 8.368	3 / 17.690	3 / 16.874	34 / 185.690

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013																													
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys																													
		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE																													
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on all DDG79-112 ships to AN/SQQ-89A(V)15 configuration		Type Modification: Warfighting Capability																													
		Related RDT&E PEs: 0205620N																													
Installation: AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE		Method of Implementation: AIT and SHIPYARD																													
		Installation Name: AN/SQQ-89A(V)15 - DDG79-112 FLT IIA UPGRADE																													
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	12	-	1	1	-	-	2	1	-	-	1	2	-	2	2	-	-	1	2	-	-	-	1	-	-	1	2	-	-	3	34
Out	10	2	-	1	1	-	-	2	1	-	-	1	2	-	2	2	-	-	1	2	-	-	-	1	-	-	1	2	-	3	34
Footnotes: (2) The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities, hull access cuts, and installation of the Handling & Stowage Gear (H&SG) on non-tailed (i.e. no towed array) DDG51 Class Flight IIA hulls, which is required for the operation of the new tactical towed sonar, the Multi-Function Towed Array (MFTA). AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule. (3) Production leadtime is 18 months after contract award. Each subsequent system procured in an FY is delivered ONE MONTH LATER than the previous system. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles. (4) Production leadtime is 18 months after contract award. Each subsequent system procured in an FY is delivered ONE MONTH LATER than the previous system. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE		
Models of Systems Affected: Upgrade of in-line AN/SQQ-89(V)15 on all DDG113-118 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	5.129	-	-	-	12.182	5.411	14.246	1.647	3.353	41.968
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	5.129	-	-	-	12.182	5.411	14.246	1.647	3.353	41.968
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	5.129	-	-	-	12.182	5.411	14.246	1.647	3.353	41.968
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE] DB400 PROCUREMENT: Procurement of a subset of AN/SQQ-89A(V)15 equipment, specifically the Multi-Function Towed Array (MFTA) and Handling & Stowage Group (H&SG), for subsequent installation on all DDG113-118 Flight IIA ships during their Post Shakedown Availability (PSA) period to upgrade the ASW sonar suite from an AN/SQQ-89(V)15 configuration to the AN/SQQ-89A(V)15 configuration. DB6IN INSTALLATION: Funding is for the physical installation of the H&SG and MFTA on DDG113-118 Flight IIA ships during their PSA period, which includes the installation of an egress, under-deck stiffeners, cables, bulkheads, opening and closing of the transom, the winch, levelwind, fairlead and control station, decking, painting, and final system testing.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys						Modification Nomenclature (Modification Number - Modification Title): 3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE			
Models of Systems Affected: Upgrade of in-line AN/SQQ-89(V)15 on all DDG113-118 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE													
B Kits													
Recurring													
1.1) AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE - NonOrganic													
Subtotal Recurring													
Total, AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE													
Total Procurement, All Modifications													
Total Procurement and Support													
AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE Installation Cost													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE											
Models of Systems Affected: Upgrade of in-line AN/SQQ-89(V)15 on all DDG113-118 ships to AN/SQQ-89A(V)15 configuration										Type Modification: Warfighting Capability										Related RDT&E PEs: 0205620N											
Manufacturer Information: AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE																															
Manufacturer Name: TBD ⁽⁵⁾													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 18																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates					May 2013						Jan 2015			Jan 2016			Jan 2017														
Delivery Dates					Nov 2014						Jul 2016			Jul 2017			Jul 2018														
Installation: AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE													Method of Implementation: AIT and SHIPYARD										Installation Name: AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.552	- / -	- / -	- / -	- / -	1 / 1.552																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.230	- / -	- / -	2 / 3.230																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.647	- / -	1 / 1.647																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.353	2 / 3.353																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.552	- / -	2 / 3.230	1 / 1.647	2 / 3.353	6 / 9.782																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	1	-	2	6
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	1	2	6
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/SQQ-89A(V)15 - DDG113-118 FLIGHT IIA MFTA/HANDLER UPGRADE
Models of Systems Affected: Upgrade of in-line AN/SQQ-89(V)15 on all DDG113-118 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N
⁽⁵⁾ Production leadtime is 18 months after contract award. Each subsequent system procured in an FY is delivered ONE MONTH LATER than the previous system. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE				
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select CG59-73 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	20.757	2.106	11.112	-	-	33.975
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	20.757	2.106	11.112	-	-	33.975
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	20.757	2.106	11.112	-	-	33.975

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
[AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE] DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on select CG59-73 Baseline 3/4 ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. NOTE: Procurement of an AN/SQQ-89A(V)15 system for CG47 class ships requires additional equipment on top of that required for DDG51 Class FLT IIA ships (TR-343 Transducer Array and change-out of all associated existing power distribution units and transmitters). DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard.

The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities and hull access cuts.

AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select CG59-73 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys								Modification Nomenclature (Modification Number - Modification Title): 4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE			
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select CG59-73 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N							
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE															
B Kits															
Recurring															
1.1) AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE - NonOrganic ⁽⁶⁾	- / -	- / -	- / -	- / -	- / -	- / -	2 / 20.757	- / -	- / -	- / -	- / -	2 / 20.757			
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 20.757	- / -	- / -	- / -	- / -	2 / 20.757			
Total, AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE	- / -	- / -	- / -	- / -	- / -	- / -	2 / 20.757	- / -	- / -	- / -	- / -	2 / 20.757			
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	2 / 20.757	- / -	- / -	- / -	- / -	2 / 20.757			
Total Procurement and Support	-	-	-	-	-	-	20.757	-	-	-	-	20.757			
AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.106	- / 11.112	- / -	- / -	- / 13.218			
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.106	- / 11.112	- / -	- / -	- / 13.218			
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	20.757	2.106	11.112	-	-	33.975			

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE												
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select CG59-73 ships to AN/SQQ-89A(V)15 configuration										Type Modification: Warfighting Capability										Related RDT&E PEs: 0205620N												
Manufacturer Information: AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE																																
Manufacturer Name: TBD ⁽⁷⁾													Manufacturer Location: TBD																			
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 18																			
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates														Jan 2015																		
Delivery Dates														Jul 2016																		
Installation: AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE													Method of Implementation: AIT and SHIPYARD										Installation Name: AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.106	2 / 11.112	- / -	- / -	2 / 13.218																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.106	2 / 11.112	- / -	- / -	2 / 13.218																		
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	
Footnotes:																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/SQQ-89A(V)15 - CG59-73 (SELECT) B/L 3/4 UPGRADE
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select CG59-73 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N
(6) The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities and hull access cuts. AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule. (7) Production leadtime is 18 months after contract award. Each subsequent system procured in an FY is delivered ONE MONTH LATER than the previous system. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars			P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys					Modification Nomenclature (Modification Number - Modification Title): 5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE				
Models of Systems Affected: Upgrade of legacy AN/ SQQ-89(V) systems on select DDG51-78 ships to AN/ SQQ-89A(V)15 configuration			Type Modification: Warfighting Capability					Related RDT&E PEs: 0205620N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	7.884	32.385	9.395	53.080	25.547	128.29
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	7.884	32.385	9.395	53.080	25.547	128.29
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	7.884	32.385	9.395	53.080	25.547	128.29
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: [AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE] DB400 PROCUREMENT: Procurement of AN/SQQ-89A(V)15 equipment for subsequent installation on select DDG51-78 FLT I/II ships. An average, aggregate AN/SQQ-89A(V)15 unit cost is indicated, however, it should be noted that this cost is comprised of multiple contract/funding vehicles. Additionally, the subdivision of these unit costs to a specific ship can vary substantially as they are dependent on the pre-existing configuration of each ship. NOTE: Procurement of an AN/SQQ-89A(V)15 for DDG51 Class FLT I/II ships does not require the OK-410 Handling & Stowage Group (H&SG) subsystem as needed with DDG51 Class FLT IIA ships. DB6IN INSTALLATION: Funding is for the full-up physical installation of the major AN/SQQ-89A(V)15 upgrade, the ordering of incidental installation material in the year prior to the actual installation, and Design Services Allocation (DSA) required for mandatory planning yard design tasks and ship checks that must be completed within the one year period leading up to the actual installation in the shipyard. The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities and hull access cuts. AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select DDG51-78 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys					Modification Nomenclature (Modification Number - Modification Title): 5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE			
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select DDG51-78 ships to AN/SQQ-89A(V)15 configuration				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE												
B Kits												
Recurring												
1.1) AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE - NonOrganic ⁽⁶⁾	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.884	4 / 31.332	- / -	4 / 32.460	- / -	9 / 71.676
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.884	4 / 31.332	- / -	4 / 32.460	- / -	9 / 71.676
Total, AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.884	4 / 31.332	- / -	4 / 32.460	- / -	9 / 71.676
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.884	4 / 31.332	- / -	4 / 32.460	- / -	9 / 71.676
Total Procurement and Support	-	-	-	-	-	-	7.884	31.332	-	32.460	-	71.676
AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.053	- / 9.395	- / 20.620	- / 25.547	- / 56.615
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.053	- / 9.395	- / 20.620	- / 25.547	- / 56.615
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	7.884	32.385	9.395	53.080	25.547	128.291

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE											
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select DDG51-78 ships to AN/SQQ-89A(V)15 configuration										Type Modification: Warfighting Capability										Related RDT&E PEs: 0205620N											
Manufacturer Information: AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE																															
Manufacturer Name: TBD ⁽⁹⁾													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 18																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates											Jan 2015			Jan 2016						Jan 2018											
Delivery Dates											Jul 2016			Jul 2017						Jul 2019											
Installation: AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE													Method of Implementation: AIT and SHIPYARD										Installation Name: AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.053	1 / 5.055	- / -	- / -	1 / 6.108																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.340	4 / 20.620	- / -	4 / 24.960																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 25.547	4 / 25.547																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.053	1 / 9.395	4 / 20.620	4 / 25.547	9 / 56.615																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1	-	4	9	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1	4	9	
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AN/SQQ-89A(V)15 - DDG51-78 (SELECT) FLT I/II UPGRADE
Models of Systems Affected: Upgrade of legacy AN/SQQ-89(V) systems on select DDG51-78 ships to AN/SQQ-89A(V)15 configuration	Type Modification: Warfighting Capability	Related RDT&E PEs: 0205620N
(8) The AN/SQQ-89A(V)15 requires a CNO (Chief of Naval Operations) availability period. The installation is accomplished by Alteration Installation Team (AIT) and shipyard personnel together. The AIT personnel are responsible for the removal of all AN/SQQ-89(V) legacy equipment, addition and modification of foundations, and installation, connectorization, and test of all new AN/SQQ-89A(V)15 equipment. The shipyard personnel are responsible for all rigging activities and hull access cuts. AN/SQQ-89A(V)15 production shipset delivery time is 18 months after contract award. Each subsequent system procured in an FY is delivered one month later than the previous system. Delivery of equipment to the shipyard is required no later than 30-90 days prior to a CONUS (Continental U.S.) installation start date and no later than 120 days prior to a non-CONUS installation start date. Installations are assigned to specific ships as per Fleet priorities/requirements, and based on ship availabilities, as identified in the Fleet Modernization Program Management Information System (FMPMIS). Significant maintenance availability periods to support a major upgrade such as the AN/SQQ-89A(V)15 normally occur only once every two years in a ship's schedule. (9) Production leadtime is 18 months after contract award. Each subsequent system procured in an FY is delivered ONE MONTH LATER than the previous system. The majority of AN/SQQ-89A(V)15 equipment is procured via the prime vendor shown, with other supporting Contractor Furnished Equipment (CFE) procured via other, separate, contract/funding vehicles.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH		
Models of Systems Affected: Technology refresh of previously fielded AN/SQQ-89A(V)15 USW Combat Systems				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	8.116	-	8.116	19.318	26.743	33.020	47.483	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	8.116	-	8.116	19.318	26.743	33.020	47.483	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	8.116	-	8.116	19.318	26.743	33.020	47.483	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH] DB400 PROCUREMENT: Procurement of software/hardware technology upgrades for all CG47/DDG51 Class surface combatant platforms with a previously fielded AN/SQQ-89A(V)15, as necessary to manage obsolescence, take advantage of commercial development efforts, and continue to pace the threat and ensure the system remains effective well into the 21st century. DB6IN INSTALLATION: Funding is for the physical installation of periodic software/hardware technology upgrades for all CG47/DDG51 Class surface combatant platforms with a previously fielded AN/SQQ-89A(V)15.												

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LI 2136 - AN/SQQ-89 Surf ASW Cmbt Sys
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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2136 - AN/SQQ-89 Surf ASW Cmbt Sys				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH																								
Models of Systems Affected: Technology refresh of previously fielded AN/SQQ-89A(V)15 USW Combat Systems				Type Modification: Warfighting Capability				Related RDT&E PEs: 0205620N																								
Manufacturer Information: AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH																																
Manufacturer Name: TBD								Manufacturer Location: TBD																								
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 9																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																									
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018																									
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018																									
Installation: AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH				Method of Implementation: AIT				Installation Name: AN/SQQ-89A(V)15 - TECHNOLOGY INSERTION/REFRESH																								
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.762	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 5.634	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 7.183	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 8.792	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 13.452	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.762	4 / 5.634	5 / 7.183	6 / 8.792	9 / 13.452	26 / 37.823																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	-	2	2	1	-	2	2	2	2	-	9	26
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	-	2	2	1	-	2	2	2	2	-	9	26

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars							P-1 Line Item Nomenclature: 2147 - SSN Acoustics					
ID Code (A=Service Ready, B=Not Service Ready) : B				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,337.609	212.381	190.874	199.438	-	199.438	219.875	252.778	225.194	273.405	212.374	3,123.928
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,337.609	212.381	190.874	199.438	-	199.438	219.875	252.778	225.194	273.405	212.374	3,123.928
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,337.609	212.381	190.874	199.438	-	199.438	219.875	252.778	225.194	273.405	212.374	3,123.928
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	8.022	11.278	17.844	-	17.844	17.822	21.213	16.064	13.798	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This program procures submarine systems and equipment for installation on all classes of submarines to maintain clear acoustical, tactical, and operational superiority over submarine and surface combatants in all scenarios through detection, classification, localization, and contact following. All future acoustic upgrades of Acoustic Rapid COTS Insertion (A-RCI) equipment are incorporated into this budget item. Future procurements, detailed below, are focused on supporting Littoral Warfare, Regional Sea Denial, Strike Group Support, Diesel Submarine Detection, Surveillance, and Peacetime Engagement. Acoustic Rapid COTS Insertion (A-RCI) is a multi-phased, evolutionary development effort geared toward addressing acoustic superiority issues through the rapid introduction of interim products applicable to SSN 688, 688I Flight, SSN21, SSGN, VA Class, and SSBN 726 Class Submarines. A-RCI Phase II provides towed array processing improvements; A-RCI Phase III provides spherical array processing improvements, and AN/BSY-1 High Frequency Upgrade provides A-RCI Phase IV for SSN 688I, SSGN, and Seawolf Class only. As part of Navy's plan to maintain acoustic superiority for in-service submarines, reduce obsolescence, and provide increased capability, the A-RCI program will modernize and sustain approximately 25% of the SSN Fleet per year through executing annual software Advanced Processing Builds (APBs) and bi-annual hardware Technical Insertions (TIs). This effort, known as the N872 Business Plan, funds the APB integration efforts with the Multi-Purpose Processor as well as the AN/BQQ-10 Sonar system that began in FY02. This budget also reflects the procurement of Technology Insertion kits, Submarine Tactical Decision Aids (STDA), Total Ship Monitoring System (TSMS), Active Intercept and Ranging (AI&R) Sensors, and upgrades for the AN/BQS-15 and AN/BQS-17A equipment to be installed with A-RCI systems.

Towed system procurements include Towed Array Refurbishment & Upgrades, TB-16, TB-29A, Reliability upgrades, TB-34 Fatline Towed Arrays, and Thinline Towed Array Handler upgrades. Towed System procurements provide upgrade/support for TB-16 Series Towed Arrays, TB-29 Series Towed Arrays, OK-276 Series Towed Array Handlers, OK-634 Towed Array Handlers, and OA-9070 Series Handlers installed on SSN688, SSN 688I, SSN21, SSGN, VA Class, and SSBN 726 Class Submarines. These upgrades provide increased sensor capability to maintain acoustic superiority and reliability improvements to increase the service life, reduce failures, and increase the inventory of arrays and handlers available for fleet use. Improvements are made to monitor handler and array forces which are incorporated into engineering changes to improve reliability.

Procurement of Low Cost Conformal Array (LCCA) to provide enhanced situational awareness and collision avoidance capability. VA Unique Sensors required to sustain existing hull sensor systems for the VA platforms under the management of the Critical Transducer Program.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2147 - SSN Acoustics
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Sensor system procurements provide improvements in sensor capability and reliability to include TB-16G, TB-34 Fatline Towed Arrays, Handler upgrade kits for the new sensors, and next generation Towed Arrays and Telemetries. Refurbishment and reliability improvements are also provided for the in-service sensor programs. Installation funds are for actual hardware installations during shipyard and pier-side availabilities. Procurements support a 12-15 month lead time for installations. [P40A / SA101 ACOUSTIC UPGRADES]: Procures A-RCI TA, SA, HA, and HF Upgrade Kits (including 688I and SSN21 classes), Total Ship Monitoring Systems (TSMS), and Active Intercept and Ranging (AI&R) Sensors. Funding also supports the installation of A-RCI hardware, annual APBs, and the refurbishment and installation of the upgrades. [P40A / SA102 TOWED SYSTEMS]: Procures TB-34 Fatline, TB-29A Arrays, and refurbishment/upgrade material to support reliability improvements to TB-16, TB-23, TB-29 Towed Arrays, next generation Towed Arrays and Telemetries, and Towed Array Handling Systems. Handling System reliability improvements include: improved cables in the outboard systems, Electromagnetic Interference (EMI) improvements, roller boxes, improved hydraulic control, and capstans. Towed Array reliability improvements include: improved internal connectors, hydrophones, tow cables, and Vibration Isolation Modules (VIMs). Towed Array improvements to increase performance include: Light Weight Tow Cables for Towed Arrays and Wide-band OMNI capability in Fat Line Arrays. The TB-29A program supports N8's response to the Fleet Forces Command's Urgent Operational Needs Statement message (dtd 15 June 2009) which requests that a reliable Thinline Towed Array is critically needed to support submarine operations in the Western Pacific Area of Operations. [P40A / SA105 SONAR SUPPORT EQUIPMENT]: Funds provided to procure BQN-17(A) and associated equipment. [P40A / SA106 HULL SENSORS]: Procurement of Low Cost Conformal Array (LCCA) and VA Unique Sensors required to sustain existing hull sensor systems for the VA platforms under the management of the Critical Transducer Program. [P40A / SA201 BLOCK CHANGES]: Minor Engineering Change Proposals (ECP's) and hardware changes affecting all classes of submarines are procured through this line. Funding will be used to support non-recurring first article test efforts associated with the changing COTS environment as well as Reliability, Maintainability, and Availability modifications requested by the Fleet. This line also supports the procurement of hardware necessary to implement the ECP's into the System or end item being procured. [P40A / SA202 PRODUCTION/ENGINEERING SUPPORT]: Funding supports the procurement of Acoustics Upgrades equipment and Towed System hardware. [P40A / SA203 TOWED ARRAY UNIQUE TEST EQUIPMENT]: Funding procures various towed array test equipment and handling system/stowage tube inspection test equipment. [P40A / SA302 OP TRAINER UPGRADES]: Funding procures hardware upgrades and production engineering for Acoustic Upgrades operational trainer sites. [P40A / SA303 COTS SUPPORTABILITY UPGRADES]: Provides for Technology Refresh/Insertion for A-RCI kits. Tech Refresh provides for Software and Hardware updates to accommodate shifts in technology to the execution procurement years' "current state-of-the-practice" hardware. A-RCI has already undergone several technology insertion phases to accommodate integrating Advanced Processing Builds (APBs). Updates are necessary for signal and display processing hardware as APBs are introduced or as commercial support for the hardware is phased out. Tech Insertion procures the hardware necessary to upgrade and back fit the A-RCI kits. When A-RCI systems are being upgraded to subsequent phases of A-RCI, signal processing and display hardware will be procured from this line to accommodate common technology consistent with the APB being implemented in the year of introduction. In future years, requirements include additional equipment in technology insertion to prevent COTS hardware from becoming unsupportable/obsolete. Funding also supports the procurement and engineering for COTS Underwater Comms. [P40A / SA401 INITIAL TRAINING]: Provides for initial training curriculum development, training management materials, exercise control group development, pilot services, and services to the Fleet. [P40A / SA900 CONSULTING SERVICES]: Includes specification validation, contract deliverable monitoring, prime contractor monitoring for cost, schedule, and performance slips, ILS planning, and coordination of GFI. Additional support will include production planning, business case analysis, technical refresh and insertion planning and market analysis to review implementation strategies for procurement of current year "state of the practice" hardware in Acoustics programs. Consulting services will also provide production monitoring, installation planning and coordination support.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s):																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SSN Acoustics	P40A, P5A				602.092			88.974			94.492			98.338			-			98.338
1 - SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT	P3A				0.000			8.500			4.080			-			-			-
2 - SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS	P3A				126.137			2.843			1.911			-			-			-
3 - SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)	P3A				59.292			1.319			0.500			-			-			-
4 - SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT	P3A				104.763			10.140			3.607			2.272			-			2.272
5 - SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS	P3A				37.822			1.800			-			-			-			-
6 - SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS	P3A				51.177			19.403			13.704			13.869			-			13.869
7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES	P3A				295.916			52.865			41.042			21.297			-			21.297
8 - SA303 688/688I TECHNOLOGY INSERTION KITS	P3A				0.000			-			-			44.526			-			44.526
9 - SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS	P3A				0.000			8.000			3.060			-			-			-
10 - SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS	P3A				60.410			18.537			28.478			19.136			-			19.136

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars												P-1 Line Item Nomenclature: 2147 - SSN Acoustics									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS	P3A				0.000			-			-			-			-			-
Total Gross/Weapon System Cost					1,337.609			212.381			190.874			199.438			-			199.438

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SSN Acoustics	P40A, P5A				-			-			-			-			-			-
1 - SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT	P3A				-			5.944			2.182			-			-			20.706
2 - SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS	P3A				-			-			-			-			-			130.891
3 - SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)	P3A				-			-			-			-			-			61.111
4 - SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT	P3A				1.243			-			-			-			-			122.025
5 - SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS	P3A				-			-			-			-			-			39.622
6 - SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS	P3A				15.308			25.372			16.420			27.438			42.611			225.302
7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES	P3A				15.280			4.326			-			-			-			430.726
8 - SA303 688/688I TECHNOLOGY INSERTION KITS	P3A				50.327			64.057			46.206			95.110			138.102			438.328
9 - SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS	P3A				-			17.116			15.250			3.329			-			46.755

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars											P-1 Line Item Nomenclature: 2147 - SSN Acoustics										
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
10 - SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS	P3A				16.310			3.218			-			-			-			146.089	
11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON- CONVERSION KITS	P3A				19.995			28.892			44.635			31.019			31.661			156.202	
Total Gross/Weapon System Cost					219.875			252.778			225.194			273.405			212.374			3,123.928	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars									P-1 Line Item Nomenclature: 2147 - SSN Acoustics							Aggregated Item Name: SSN Acoustics				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) SA101 ACOUSTIC UPGRADES																				
1.1) INSTALL SUPPORT	A		-	-	24.066	-	-	1.002	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) SA101 ACOUSTIC UPGRADES							24.066			1.002			-			-				-
2) SA102 TOWED SYSTEMS																				
† 2.1) TB-34 FATLINE INTERFACE HWD	B		33,724.14	29	0.978	17,000.00	11	0.187	17,000.00	11	0.187	17,000.00	11	0.187	-	-	-	17,000.00	11	0.187
† 2.2) TB-34 FATLINE TOWED ARRAYS	B		1,235K	35	43.208	745,000.00	5	3.725	757,000.00	5	3.785	770,000.00	5	3.850	-	-	-	770,000.00	5	3.850
2.3) TOWED ARRAY REFURBISHMENT & UPGRADES	A		-	-	171.836	-	-	26.510	-	-	29.494	-	-	30.919	-	-	-	-	-	30.919
2.4) TOWED ARRAY HANDLER SYSTEM UPGRADE	A		-	-	53.222	-	-	6.088	-	-	6.588	-	-	7.002	-	-	-	-	-	7.002
Subtotal 2) SA102 TOWED SYSTEMS							269.244			36.510			40.054			41.958			-	41.958
3) SA105 SONAR SUPPORT EQUIPMENT																				
3.1) BQN-17	A		-	-	4.800	-	-	0.812	-	-	0.825	-	-	0.839	-	-	-	-	-	0.839
Subtotal 3) SA105 SONAR SUPPORT EQUIPMENT							4.800			0.812			0.825			0.839			-	0.839
4) SA106 HULL SENSORS																				
4.1) LCCA ENGINEERING SUPPORT	A		-	-	0.485	-	-	0.249	-	-	-	-	-	-	-	-	-	-	-	-
4.2) VA UNIQUE SENSOR	A		-	-	6.583	-	-	3.428	-	-	6.476	-	-	6.580	-	-	-	-	-	6.580
Subtotal 4) SA106 HULL SENSORS							7.068			3.677			6.476			6.580			-	6.580
5) SA201 BLOCK CHANGES																				
5.1) SSEP	A		-	-	2.200	-	-	0.406	-	-	0.413	-	-	0.420	-	-	-	-	-	0.420
5.2) TOWED SYSTEMS ECP'S	A		-	-	8.649	-	-	1.555	-	-	1.582	-	-	1.609	-	-	-	-	-	1.609
5.3) ACOUSTICS	A		-	-	13.167	-	-	2.356	-	-	2.396	-	-	2.437	-	-	-	-	-	2.437
Subtotal 5) SA201 BLOCK CHANGES							24.016			4.317			4.391			4.466			-	4.466
6) SA202 PRODUCTION/ ENGINEERING SUPPORT																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars							P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Aggregated Item Name: SSN Acoustics			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6.1) ACOUSTICS	A		-	-	16.190	-	-	2.896	-	-	2.945	-	-	2.995	-	-	-	-	-	2.995
6.2) TOWED ARRAYS/HANDLING EQUIPMENT	A		-	-	20.986	-	-	3.794	-	-	3.858	-	-	3.924	-	-	-	-	-	3.924
<i>Subtotal 6) SA202 PRODUCTION/ENGINEERING SUPPORT</i>					37.176			6.690			6.803			6.919			-			6.919
7) SA203 TOWED ARRAY UNIQUE TEST EQUIPMENT																				
7.1) TOWED ARRAY UNIQUE TEST EQUIPMENT	A		-	-	12.761	-	-	1.150	-	-	1.170	-	-	1.190	-	-	-	-	-	1.190
<i>Subtotal 7) SA203 TOWED ARRAY UNIQUE TEST EQUIPMENT</i>					12.761			1.150			1.170			1.190			-			1.190
8) SA302 OP TRAINER UPGRADES																				
8.1) OP TRAINER GFE	A		-	-	6.000	-	-	1.016	-	-	1.033	-	-	1.051	-	-	-	-	-	1.051
<i>Subtotal 8) SA302 OP TRAINER UPGRADES</i>					6.000			1.016			1.033			1.051			-			1.051
9) SA303 COTS SUPPORTABILITY UPGRADES																				
9.1) INSTALL SUPPORT	A		-	-	-	-	-	1.400	-	-	1.426	-	-	1.450	-	-	-	-	-	1.450
9.2) SONAR TACTICAL DECISION AIDS (STDA)	A		-	-	34.000	-	-	6.096	-	-	-	-	-	-	-	-	-	-	-	-
9.3) AEMP	A		-	-	32.000	-	-	5.080	-	-	5.166	-	-	5.254	-	-	-	-	-	5.254
9.4) COTS UWC ENGINEERING SUPPORT	A		-	-	9.018	-	-	4.590	-	-	4.668	-	-	4.747	-	-	-	-	-	4.747
9.5) COTS TECH INSERTION	A		-	-	106.348	-	-	11.000	-	-	18.141	-	-	19.521	-	-	-	-	-	19.521
† 9.6) ICE KEEL AVOIDANCE	A		935,714.29	7	6.550	660,500.00	2	1.321	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) SA303 COTS SUPPORTABILITY UPGRADES</i>					187.916			29.487			29.401			30.972			-			30.972
10) SA401 INITIAL TRAINING																				
10.1) ACOUSTICS	A		-	-	7.954	-	-	1.626	-	-	1.653	-	-	1.681	-	-	-	-	-	1.681
10.2) TOWED ARRAY	A		-	-	3.334	-	-	0.611	-	-	0.621	-	-	0.632	-	-	-	-	-	0.632

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Aggregated Item Name: SSN Acoustics				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 10) SA401 INITIAL TRAINING					11.288			2.237			2.274			2.313			-			2.313
11) SA900 CONSULTING SERVICES																				
11.1) ACOUSTICS	A		-	-	10.967	-	-	1.390	-	-	1.380	-	-	1.370	-	-	-	-	-	1.370
11.2) TOWED SYSTEMS	A		-	-	6.790	-	-	0.686	-	-	0.685	-	-	0.680	-	-	-	-	-	0.680
Subtotal 11) SA900 CONSULTING SERVICES					17.757			2.076			2.065			2.050			-			2.050
Total					602.092			88.974			94.492			98.338			-			98.338

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2147 - SSN Acoustics								Aggregated Item Name: SSN Acoustics				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) SA101 ACOUSTIC UPGRADES																				
1.1) INSTALL SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) SA101 ACOUSTIC UPGRADES</i>					-			-			-			-			-			-
2) SA102 TOWED SYSTEMS																				
† 2.1) TB-34 FATLINE INTERFACE HWD	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) TB-34 FATLINE TOWED ARRAYS	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) TOWED ARRAY REFURBISHMENT & UPGRADES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) TOWED ARRAY HANDLER SYSTEM UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) SA102 TOWED SYSTEMS</i>					-			-			-			-			-			-
3) SA105 SONAR SUPPORT EQUIPMENT																				
3.1) BQN-17	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) SA105 SONAR SUPPORT EQUIPMENT</i>					-			-			-			-			-			-
4) SA106 HULL SENSORS																				
4.1) LCCA ENGINEERING SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) VA UNIQUE SENSOR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) SA106 HULL SENSORS</i>					-			-			-			-			-			-
5) SA201 BLOCK CHANGES																				
5.1) SSEP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) TOWED SYSTEMS ECP'S	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) ACOUSTICS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) SA201 BLOCK CHANGES</i>					-			-			-			-			-			-
6) SA202 PRODUCTION/ ENGINEERING SUPPORT																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2147 - SSN Acoustics								Aggregated Item Name: SSN Acoustics				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6.1) ACOUSTICS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) TOWED ARRAYS/HANDLING EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) SA202 PRODUCTION/ ENGINEERING SUPPORT</i>					-			-			-			-			-			-
7) SA203 TOWED ARRAY UNIQUE TEST EQUIPMENT																				
7.1) TOWED ARRAY UNIQUE TEST EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) SA203 TOWED ARRAY UNIQUE TEST EQUIPMENT</i>					-			-			-			-			-			-
8) SA302 OP TRAINER UPGRADES																				
8.1) OP TRAINER GFE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) SA302 OP TRAINER UPGRADES</i>					-			-			-			-			-			-
9) SA303 COTS SUPPORTABILITY UPGRADES																				
9.1) INSTALL SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) SONAR TACTICAL DECISION AIDS (STDA)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.3) AEMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.4) COTS UWC ENGINEERING SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.5) COTS TECH INSERTION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 9.6) ICE KEEL AVOIDANCE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) SA303 COTS SUPPORTABILITY UPGRADES</i>					-			-			-			-			-			-
10) SA401 INITIAL TRAINING																				
10.1) ACOUSTICS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) TOWED ARRAY	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars					P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Aggregated Item Name: SSN Acoustics					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 10) SA401 INITIAL TRAINING					-			-			-			-			-			-
11) SA900 CONSULTING SERVICES																				
11.1) ACOUSTICS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) TOWED SYSTEMS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 11) SA900 CONSULTING SERVICES					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Aggregated Item Name: SSN Acoustics				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) SA102 TOWED SYSTEMS												
2.1) TB-34 FATLINE INTERFACE HWD		2012	CSC / Millersville, MD	C / FP	NAVSEA	Feb 2012	Feb 2013	11	17,000.00	Y		
2.1) TB-34 FATLINE INTERFACE HWD		2013	CSC / Millersville, MD	C / FP	NAVSEA	Mar 2013	Mar 2014	11	17,000.00	Y		
2.1) TB-34 FATLINE INTERFACE HWD		2014	CSC / Millersville, MD	C / FP	NAVSEA	Oct 2013	Oct 2014	11	17,000.00	Y		
2.2) TB-34 FATLINE TOWED ARRAYS		2012	CSC / Millersville, MD	C / FP	NAVSEA	Feb 2012	Feb 2013	5	745,000.00	Y		
2.2) TB-34 FATLINE TOWED ARRAYS		2013	CSC / Millersville, MD	C / FP	NAVSEA	Mar 2013	Mar 2014	5	757,000.00	Y		
2.2) TB-34 FATLINE TOWED ARRAYS		2014	CSC / Millersville, MD	C / TBD	NAVSEA	Oct 2013	Oct 2014	5	770,000.00	Y		
9) SA303 COTS SUPPORTABILITY UPGRADES												
9.6) ICE KEEL AVOIDANCE		2012	ARL / UT	SS / CPFF	NAVSEA	Mar 2012	Mar 2013	2	660,500.00	Y		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT			
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	8.500	4.080	-	-	-	-	5.944	2.182	-	-	20.706
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	8.500	4.080	-	-	-	-	5.944	2.182	-	-	20.706
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	8.500	4.080	-	-	-	-	5.944	2.182	-	-	20.706
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Funding supports Technology Insertion, HF Active Components, and Transmit Group.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars			P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 1 - SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT												
B Kits												
Recurring												
1.1.1) SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT - NonOrganic ⁽¹⁾	- / -	2 / 7.000	- / -	- / -	- / -	- / -	- / -	1 / 5.944	- / -	- / -	- / -	3 / 12.944
Subtotal Recurring	- / -	2 / 7.000	- / -	- / -	- / -	- / -	- / -	1 / 5.944	- / -	- / -	- / -	3 / 12.944
Non-Recurring												
1.2.1) SA101 SSN 21 LEGACY REPLACEMENT NRE - NonOrganic	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500
Subtotal Non-Recurring	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500
Total, SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT	- / -	2 / 8.500	- / -	- / -	- / -	- / -	- / -	1 / 5.944	- / -	- / -	- / -	3 / 14.444
Total Procurement, All Modifications	- / -	2 / 8.500	- / -	- / -	- / -	- / -	- / -	1 / 5.944	- / -	- / -	- / -	3 / 14.444
Total Procurement and Support	-	8.500	-	-	-	-	-	5.944	-	-	-	14.444
SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT Installation Cost	- / 0.000	- / -	- / 4.080	- / -	- / -	- / -	- / -	- / -	- / 2.182	- / -	- / -	- / 6.262
Total Installation Cost	- / 0.000	- / -	- / 4.080	- / -	- / -	- / -	- / -	- / -	- / 2.182	- / -	- / -	- / 6.262
Total Cost (Procurement + Support + Installation)	0.000	8.500	4.080	-	-	-	-	5.944	2.182	-	-	20.706

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2147 - SSN Acoustics								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT															
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT								Related RDT&E PEs:																			
Manufacturer Information: SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT																															
Manufacturer Name: Lockheed Martin														Manufacturer Location: VA																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Mar 2012								Mar 2016																					
Delivery Dates		Mar 2013								Mar 2017																					
Installation: SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT														Method of Implementation: SHIPALT								Installation Name: SA101 ACOUSTIC UPGRADES SSN 21 LEGACY REPLACEMENT									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	2 / 4.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.080																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.182	- / -	- / -	1 / 2.182																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	2 / 4.080	- / -	- / -	- / -	- / -	- / -	1 / 2.182	- / -	- / -	3 / 6.262																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3		
Out	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3		
Footnotes: (1) Funding supports Technology Insertion, HF Active Components, and Transmit Group.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	126.137	2.843	1.911	-	-	-	-	-	-	-	-	130.891
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	126.137	2.843	1.911	-	-	-	-	-	-	-	-	130.891
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	126.137	2.843	1.911	-	-	-	-	-	-	-	-	130.891
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: TSMS allows the crew the capability of detecting and localizing ownship generated noise while at sea in any location.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 2 - SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS													
B Kits													
Recurring													
1.1.1) SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS - NonOrganic	51 / 46.107	1 / 0.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 47.050	
Subtotal Recurring	51 / 46.107	1 / 0.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 47.050	
Total, SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS	51 / 46.107	1 / 0.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 47.050	
Total Procurement, All Modifications	51 / 46.107	1 / 0.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 47.050	
Total Procurement and Support	46.107	0.943	-	-	-	-	-	-	-	-	-	47.050	
SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS Installation Cost	- / 80.030	- / 1.900	- / 1.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 83.841	
Total Installation Cost	- / 80.030	- / 1.900	- / 1.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 83.841	
Total Cost (Procurement + Support + Installation)	126.137	2.843	1.911	-	-	-	-	-	-	-	-	130.891	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS											
Models of Systems Affected: SSN ACOUSTICS										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS																															
Manufacturer Name: GD-AIS													Manufacturer Location: MA																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Mar 2012																													
Delivery Dates		Mar 2013																													
Installation: SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS													Method of Implementation: SHIPALT										Installation Name: SA101 ACOUSTIC UPGRADES TOTAL SHIP MONITORING SYSTEM KITS								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years		50 / 80.030	1 / 1.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 81.930																		
FY 2012		- / -	- / -	1 / 1.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.911																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		50 / 80.030	1 / 1.900	1 / 1.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 83.841																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	50	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	50	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)			

Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	59.292	1.319	0.500	-	-	-	-	-	-	-	-	61.111
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	59.292	1.319	0.500	-	-	-	-	-	-	-	-	61.111
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	59.292	1.319	0.500	-	-	-	-	-	-	-	-	61.111

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Replaces obsolete WLR-9 electronics with COTS Open Architecture digital processor integrated with ARCI, on both SSN and SSBN. Installed with sensor which improves accuracy and fidelity.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 3 - SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)													
B Kits													
Recurring													
1.1.1) SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R) - NonOrganic	51 / 37.492	1 / 0.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 38.311	
Subtotal Recurring	51 / 37.492	1 / 0.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 38.311	
Total, SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)	51 / 37.492	1 / 0.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 38.311	
Total Procurement, All Modifications	51 / 37.492	1 / 0.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 38.311	
Total Procurement and Support	37.492	0.819	-	-	-	-	-	-	-	-	-	38.311	
SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R) Installation Cost	- / 21.800	- / 0.500	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.800	
Total Installation Cost	- / 21.800	- / 0.500	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.800	
Total Cost (Procurement + Support + Installation)	59.292	1.319	0.500	-	-	-	-	-	-	-	-	61.111	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)											
Models of Systems Affected: SSN ACOUSTICS					Type Modification: SHIPALT										Related RDT&E PEs:																
Manufacturer Information: SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)																															
Manufacturer Name: Progeny Systems													Manufacturer Location: Manassas, VA																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Mar 2012																													
Delivery Dates		Mar 2013																													
Installation: SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)													Method of Implementation: SHIPALT										Installation Name: SA101 ACOUSTIC UPGRADES ACTIVE INTERCEPT & RANGING KITS (AI&R)								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		50 / 21.800	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 22.300																		
FY 2012		- / -	- / -	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.500																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		50 / 21.800	1 / 0.500	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 22.800																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	50	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	50	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	104.763	10.140	3.607	2.272	-	2.272	1.243	-	-	-	-	122.025
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	104.763	10.140	3.607	2.272	-	2.272	1.243	-	-	-	-	122.025
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	104.763	10.140	3.607	2.272	-	2.272	1.243	-	-	-	-	122.025
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Funding supports the replacement of UYK-43, Technology Insertion, HF Active components and transmit group, replacement of obsolete components, and provides cabinet spacing for future requirements.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 4 - SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT													
B Kits													
Recurring													
1.1.1) SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT - NonOrganic ⁽²⁾	29 / 55.690	3 / 6.591	- / -	1 / 2.272	- / -	1 / 2.272	- / -	- / -	- / -	- / -	- / -	33 / 64.553	
Subtotal Recurring	29 / 55.690	3 / 6.591	- / -	1 / 2.272	- / -	1 / 2.272	- / -	- / -	- / -	- / -	- / -	33 / 64.553	
Total, SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT	29 / 55.690	3 / 6.591	- / -	1 / 2.272	- / -	1 / 2.272	- / -	- / -	- / -	- / -	- / -	33 / 64.553	
Total Procurement, All Modifications	29 / 55.690	3 / 6.591	- / -	1 / 2.272	- / -	1 / 2.272	- / -	- / -	- / -	- / -	- / -	33 / 64.553	
Total Procurement and Support	55.690	6.591	-	2.272	-	2.272	-	-	-	-	-	64.553	
SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT Installation Cost	- / 49.073	- / 3.549	- / 3.607	- / -	- / -	- / -	- / 1.243	- / -	- / -	- / -	- / -	- / 57.472	
Total Installation Cost	- / 49.073	- / 3.549	- / 3.607	- / -	- / -	- / -	- / 1.243	- / -	- / -	- / -	- / -	- / 57.472	
Total Cost (Procurement + Support + Installation)	104.763	10.140	3.607	2.272	-	2.272	1.243	-	-	-	-	122.025	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT											
Models of Systems Affected: SSN ACOUSTICS										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT																															
Manufacturer Name: Lockheed Martin													Manufacturer Location: VA																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012								Mar 2014																					
Delivery Dates		Mar 2013								Mar 2015																					
Installation: SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT													Method of Implementation: SHIPALT										Installation Name: SA101 ACOUSTIC UPGRADES LEGACY REPLACEMENT								
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		26 / 49.073	3 / 3.549		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		29 / 52.622								
FY 2012		- / -	- / -		3 / 3.607		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 3.607								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		1 / 1.243		- / -		- / -		- / -		- / -		1 / 1.243								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		26 / 49.073	3 / 3.549		3 / 3.607		- / -		- / -		- / -		1 / 1.243		- / -		- / -		- / -		- / -		33 / 57.472								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	26	-	-	3	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	33			
Out	26	-	-	3	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	33			
Footnotes: ⁽²⁾ Funding supports the replacement of UYK-43, Technology Insertion, HF Active components and transmit group, replacement of obsolete components, and provides cabinet spacing for future requirements.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	37.822	1.800	-	-	-	-	-	-	-	-	-	39.622
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	37.822	1.800	-	-	-	-	-	-	-	-	-	39.622
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	37.822	1.800	-	-	-	-	-	-	-	-	-	39.622
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides Phase II capability to the SSBN Class												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 5 - SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS													
B Kits													
Recurring													
1.1.1) SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS - NonOrganic	10 / 20.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.822	
Subtotal Recurring	10 / 20.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.822	
Total, SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS	10 / 20.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.822	
Total Procurement, All Modifications	10 / 20.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.822	
Total Procurement and Support	20.822	-	-	-	-	-	-	-	-	-	-	20.822	
SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS Installation Cost	- / 17.000	- / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.800	
Total Installation Cost	- / 17.000	- / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.800	
Total Cost (Procurement + Support + Installation)	37.822	1.800	-	-	-	-	-	-	-	-	-	39.622	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS											
Models of Systems Affected: SSN ACOUSTICS					Type Modification: SHIPALT										Related RDT&E PEs:																
Manufacturer Information: SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS																															
Manufacturer Name: Lockheed Martin													Manufacturer Location: VA																		
Administrative Leadtime (<i>in Months</i>): 5													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS													Method of Implementation: SHIPALT										Installation Name: SA101 ACOUSTIC UPGRADES A-RCI SSBN REFURB KITS								
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		9 / 17.000	1 / 1.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 18.800								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		9 / 17.000	1 / 1.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 18.800								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	9	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10				
Out	9	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	51.177	19.403	13.704	13.869	-	13.869	15.308	25.372	16.420	27.438	42.611	225.302
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	51.177	19.403	13.704	13.869	-	13.869	15.308	25.372	16.420	27.438	42.611	225.302
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	51.177	19.403	13.704	13.869	-	13.869	15.308	25.372	16.420	27.438	42.611	225.302
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procurement of Low Cost Conformal Array (LCCA) to provide enhanced situational awareness and collision avoidance capability. Production Lead Time: 17 months for first delivery / 12 months for follow-on. FY14 includes the procurement of a First Article Light Weight Low Cost Conformal Array (LCCA), which has an 18 month lead time - installation occurs in FY16.												

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LI 2147 - SSN Acoustics
Navy

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS											
Models of Systems Affected: SSN ACOUSTICS										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Mar 2012			Apr 2013			Apr 2014			Apr 2015			Apr 2016			Apr 2017			Apr 2018			Apr 2019								
Delivery Dates		Mar 2013			Apr 2014			Apr 2015			Apr 2016			Apr 2017			Apr 2018			Apr 2019											
Installation: SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS										Method of Implementation: SHIPALT										Installation Name: SA106 HULL SENSORS LOW COST CONFORMAL ARRAY KITS											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		6 / 9.473	4 / 6.464		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 15.937								
FY 2012		- / -	- / -		3 / 4.932		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 4.932								
FY 2013		- / -	- / -		- / -		2 / 3.344		- / -		2 / 3.344		- / -		- / -		- / -		- / -		- / -		2 / 3.344								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		1 / 1.700		1 / 1.729		- / -		- / -		- / -		2 / 3.429								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		3 / 5.187		- / -		- / -		- / -		3 / 5.187								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 7.036		- / -		- / -		4 / 7.036								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.578		- / -		2 / 3.578								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 9.095		5 / 9.095								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 9.250		5 / 9.250								
Total		6 / 9.473	4 / 6.464		3 / 4.932		2 / 3.344		- / -		2 / 3.344		1 / 1.700		4 / 6.916		4 / 7.036		2 / 3.578		10 / 18.345		36 / 61.788								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6	-	-	2	2	-	-	2	1	-	-	2	-	-	-	1	-	-	-	3	1	-	-	3	1	-	-	2	-	10	36
Out	6	-	-	2	2	-	-	2	1	-	-	2	-	-	-	1	-	-	-	3	1	-	-	3	1	-	-	2	-	10	36

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES			

Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	295.916	52.865	41.042	21.297	-	21.297	15.280	4.326	-	-	-	430.726
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	295.916	52.865	41.042	21.297	-	21.297	15.280	4.326	-	-	-	430.726
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	295.916	52.865	41.042	21.297	-	21.297	15.280	4.326	-	-	-	430.726
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provides technology insertion upgrade kits to previously A-RCI installed systems providing the latest and most current capability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES													
B Kits													
Recurring													
1.1.1) SA303 COTS SUPPORTABILITY UPGRADES/ PHASE III/IV TECH INSERTION UPGRADES - NonOrganic ⁽³⁾	46 / 224.726	7 / 36.687	5 / 26.650	2 / 10.842	- / -	2 / 10.842	2 / 11.026	- / -	- / -	- / -	- / -	62 / 309.931	
Subtotal Recurring	46 / 224.726	7 / 36.687	5 / 26.650	2 / 10.842	- / -	2 / 10.842	2 / 11.026	- / -	- / -	- / -	- / -	62 / 309.931	
Total, SA303 COTS SUPPORTABILITY UPGRADES PHASE III/ IV TECHNOLOGY INSERTION UPGRADES	46 / 224.726	7 / 36.687	5 / 26.650	2 / 10.842	- / -	2 / 10.842	2 / 11.026	- / -	- / -	- / -	- / -	62 / 309.931	
Total Procurement, All Modifications	46 / 224.726	7 / 36.687	5 / 26.650	2 / 10.842	- / -	2 / 10.842	2 / 11.026	- / -	- / -	- / -	- / -	62 / 309.931	
Total Procurement and Support	224.726	36.687	26.650	10.842	-	10.842	11.026	-	-	-	-	309.931	
SA303 COTS SUPPORTABILITY UPGRADES PHASE III/ IV TECHNOLOGY INSERTION UPGRADES Installation Cost	- / 71.190	- / 16.178	- / 14.392	- / 10.455	- / -	- / 10.455	- / 4.254	- / 4.326	- / -	- / -	- / -	- / 120.795	
Total Installation Cost	- / 71.190	- / 16.178	- / 14.392	- / 10.455	- / -	- / 10.455	- / 4.254	- / 4.326	- / -	- / -	- / -	- / 120.795	
Total Cost (Procurement + Support + Installation)	295.916	52.865	41.042	21.297	-	21.297	15.280	4.326	-	-	-	430.726	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES											
Models of Systems Affected: SSN ACOUSTICS					Type Modification: SHIPALT										Related RDT&E PEs:																
Manufacturer Information: SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES																															
Manufacturer Name: Lockheed Martin													Manufacturer Location: VA																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Apr 2012			Apr 2013			Apr 2014			Apr 2015																				
Delivery Dates		Apr 2013			Apr 2014			Apr 2015			Apr 2016																				
Installation: SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES													Method of Implementation: SHIPALT										Installation Name: SA303 COTS SUPPORTABILITY UPGRADES/ PHASE III/IV TECH INSERTION UPGRADES								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		38 / 71.190	8 / 16.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 87.368																		
FY 2012		- / -	- / -	7 / 14.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 14.392																		
FY 2013		- / -	- / -	- / -	5 / 10.455	- / -	5 / 10.455	- / -	- / -	- / -	- / -	- / -	5 / 10.455																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.254	- / -	- / -	- / -	- / -	2 / 4.254																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.326	- / -	- / -	- / -	2 / 4.326																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		38 / 71.190	8 / 16.178	7 / 14.392	5 / 10.455	- / -	5 / 10.455	2 / 4.254	2 / 4.326	- / -	- / -	- / -	62 / 120.795																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	38	-	2	3	3	-	-	3	4	-	-	3	2	-	-	2	-	-	-	-	2	-	-	-	-	-	-	62			
Out	38	-	2	3	3	-	-	3	4	-	-	3	2	-	-	2	-	-	-	-	2	-	-	-	-	-	-	62			
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2147 - SSN Acoustics	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - SA303 COTS SUPPORTABILITY UPGRADES PHASE III/IV TECHNOLOGY INSERTION UPGRADES
Models of Systems Affected: SSN ACOUSTICS	Type Modification: SHIPALT	Related RDT&E PEs:
⁽³⁾ Provides technology insertion upgrade kits to previously A-RCI installed systems providing the latest and most current capability.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - SA303 688/688I TECHNOLOGY INSERTION KITS			
Models of Systems Affected: SSN			Type Modification: SHIPALTS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	44.526	-	44.526	50.327	64.057	46.206	95.110	138.102	438.328
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	44.526	-	44.526	50.327	64.057	46.206	95.110	138.102	438.328
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	44.526	-	44.526	50.327	64.057	46.206	95.110	138.102	438.328
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides technology insertion upgrade kits to previously installed A-RCI systems, providing the latest and most current capability and includes tech insertion to Legacy Replacement components.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 8 - SA303 688/688I TECHNOLOGY INSERTION KITS				
Models of Systems Affected: SSN				Type Modification: SHIPALTS					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA303 688/688I TECHNOLOGY INSERTION KITS													
B Kits													
Non-Recurring													
1.1.1) SA303 688i TECHNOLOGY INSERTION KITS - NonOrganic	- / -	- / -	- / -	6 / 44.526	- / -	6 / 44.526	5 / 37.565	7 / 53.242	4 / 30.808	11 / 86.162	11 / 87.627	44 / 339.930	
Subtotal Non-Recurring	- / -	- / -	- / -	6 / 44.526	- / -	6 / 44.526	5 / 37.565	7 / 53.242	4 / 30.808	11 / 86.162	11 / 87.627	44 / 339.930	
Total, SA303 688/688I TECHNOLOGY INSERTION KITS	- / -	- / -	- / -	6 / 44.526	- / -	6 / 44.526	5 / 37.565	7 / 53.242	4 / 30.808	11 / 86.162	11 / 87.627	44 / 339.930	
Total Procurement, All Modifications	- / -	- / -	- / -	6 / 44.526	- / -	6 / 44.526	5 / 37.565	7 / 53.242	4 / 30.808	11 / 86.162	11 / 87.627	44 / 339.930	
Total Procurement and Support	-	-	-	44.526	-	44.526	37.565	53.242	30.808	86.162	87.627	339.930	
SA303 688/688I TECHNOLOGY INSERTION KITS Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 12.762	- / 10.815	- / 15.398	- / 8.948	- / 50.475	- / 98.398	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 12.762	- / 10.815	- / 15.398	- / 8.948	- / 50.475	- / 98.398	
Total Cost (Procurement + Support + Installation)	0.000	-	-	44.526	-	44.526	50.327	64.057	46.206	95.110	138.102	438.328	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - SA303 688/688I TECHNOLOGY INSERTION KITS											
Models of Systems Affected: SSN										Type Modification: SHIPALTS										Related RDT&E PEs:											
Manufacturer Information: SA303 688/688I TECHNOLOGY INSERTION KITS																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: VA																
Administrative Leadtime (<i>in Months</i>): 3															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Apr 2014				Apr 2015				Apr 2016				Apr 2017				Apr 2018					
Delivery Dates										Apr 2015				Apr 2016				Apr 2017				Apr 2018				Apr 2019					
Installation: SA303 688/688I TECHNOLOGY INSERTION KITS										Method of Implementation: [none specified]										Installation Name: SA303 688i TECHNOLOGY INSERTION KITS											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2012		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2013		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2014		-		-		-		-		-		-		6 / 12.762		-		-		-		-		6 / 12.762							
FY 2015		-		-		-		-		-		-		-		5 / 10.815		-		-		-		5 / 10.815							
FY 2016		-		-		-		-		-		-		-		-		7 / 15.398		-		-		7 / 15.398							
FY 2017		-		-		-		-		-		-		-		-		-		4 / 8.948		-		4 / 8.948							
FY 2018		-		-		-		-		-		-		-		-		-		-		11 / 25.025		11 / 25.025							
To Complete		-		-		-		-		-		-		-		-		-		-		11 / 25.450		11 / 25.450							
Total		-		-		-		-		-		-		6 / 12.762		5 / 10.815		7 / 15.398		4 / 8.948		22 / 50.475		44 / 98.398							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	3	2	-	-	4	3	-	-	3	1	22	44
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	3	2	-	-	4	3	-	-	3	1	22	44

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS				
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	8.000	3.060	-	-	-	-	17.116	15.250	3.329	-	46.755
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	8.000	3.060	-	-	-	-	17.116	15.250	3.329	-	46.755
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	8.000	3.060	-	-	-	-	17.116	15.250	3.329	-	46.755
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Inserts Tech Insertions onto Seawolf Class Submarines.												

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LI 2147 - SSN Acoustics
Navy

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS											
Models of Systems Affected: SSN ACOUSTICS										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS																															
Manufacturer Name: Lockheed Martin													Manufacturer Location: VA																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Mar 2012												Mar 2016			Mar 2017														
Delivery Dates		Mar 2013												Mar 2017			Mar 2018														
Installation: SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS										Method of Implementation: SHIPALT										Installation Name: SA303 COTS SUPPORTABILITY UPGRADES SSN 21 TI KITS											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	1 / 3.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.060																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.546	- / -	- / -	2 / 6.546																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.329	- / -	1 / 3.329																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	1 / 3.060	- / -	- / -	- / -	- / -	- / -	2 / 6.546	1 / 3.329	- / -	4 / 12.935																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	4	
Out	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	4	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS			
Models of Systems Affected: SSN ACOUSTICS			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	60.410	18.537	28.478	19.136	-	19.136	16.310	3.218	-	-	-	146.089
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	60.410	18.537	28.478	19.136	-	19.136	16.310	3.218	-	-	-	146.089
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	60.410	18.537	28.478	19.136	-	19.136	16.310	3.218	-	-	-	146.089
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides initial technology insertion upgrade for A-RCI installed systems on the VA Class, providing the latest and most current capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics					Modification Nomenclature (Modification Number - Modification Title): 10 - SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS				
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS													
B Kits													
Recurring													
2.1.1) SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS - NonOrganic ⁽⁴⁾	4 / 48.600	1 / 12.497	2 / 25.418	1 / 12.912	- / -	1 / 12.912	1 / 13.145	- / -	- / -	- / -	- / -	9 / 112.572	
Subtotal Recurring	4 / 48.600	1 / 12.497	2 / 25.418	1 / 12.912	- / -	1 / 12.912	1 / 13.145	- / -	- / -	- / -	- / -	9 / 112.572	
Total, SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS	4 / 48.600	1 / 12.497	2 / 25.418	1 / 12.912	- / -	1 / 12.912	1 / 13.145	- / -	- / -	- / -	- / -	9 / 112.572	
Total Procurement, All Modifications	4 / 48.600	1 / 12.497	2 / 25.418	1 / 12.912	- / -	1 / 12.912	1 / 13.145	- / -	- / -	- / -	- / -	9 / 112.572	
Total Procurement and Support	48.600	12.497	25.418	12.912	-	12.912	13.145	-	-	-	-	112.572	
SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS Installation Cost	- / 11.810	- / 6.040	- / 3.060	- / 6.224	- / -	- / 6.224	- / 3.165	- / 3.218	- / -	- / -	- / -	- / 33.517	
Total Installation Cost	- / 11.810	- / 6.040	- / 3.060	- / 6.224	- / -	- / 6.224	- / 3.165	- / 3.218	- / -	- / -	- / -	- / 33.517	
Total Cost (Procurement + Support + Installation)	60.410	18.537	28.478	19.136	-	19.136	16.310	3.218	-	-	-	146.089	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2147 - SSN Acoustics										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS												
Models of Systems Affected: SSN ACOUSTICS										Type Modification: SHIPALT										Related RDT&E PEs:												
Manufacturer Information: SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS																																
Manufacturer Name: Lockheed Martin													Manufacturer Location: VA																			
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																			
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018												
Contract Dates		Apr 2012			Apr 2013			Apr 2014			Apr 2015																					
Delivery Dates		Apr 2013			Apr 2014			Apr 2015			Apr 2016																					
Installation: SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS										Method of Implementation: SHIPALT										Installation Name: SA303 COTS SUPPORTABILITY UPGRADES VA CONVERSION KITS												
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total									
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)									
All Prior Years		2 / 11.810	2 / 6.040		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 17.850									
FY 2012		- / -	- / -		1 / 3.060		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.060									
FY 2013		- / -	- / -		- / -		2 / 6.224		- / -		2 / 6.224		- / -		- / -		- / -		- / -		- / -		2 / 6.224									
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		1 / 3.165		- / -		- / -		- / -		- / -		1 / 3.165									
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.218		- / -		- / -		- / -		1 / 3.218									
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
Total		2 / 11.810	2 / 6.040		1 / 3.060		2 / 6.224		- / -		2 / 6.224		1 / 3.165		1 / 3.218		- / -		- / -		- / -		9 / 33.517									
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	2	-	-	2	-	-	-	-	1	-	-	-	-	2	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	9
Out	2	-	-	2	-	-	-	-	1	-	-	-	-	2	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	9
Footnotes: ⁽⁴⁾ Provides initial technology insertion upgrade for A-RCI installed systems on the VA Class, providing the latest and most current capability.																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2147 - SSN Acoustics	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS

Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	19.995	28.892	44.635	31.019	31.661	156.202
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	19.995	28.892	44.635	31.019	31.661	156.202
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	19.995	28.892	44.635	31.019	31.661	156.202
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provides technology insertion upgrade kits to previously A-RCI installed systems on the VA Class, providing the latest and most current capability. In FY15, due to C5I schedule, procurement and installation take place in the same year.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2147 - SSN Acoustics								Modification Nomenclature (Modification Number - Modification Title): 11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS			
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT					Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS															
B Kits															
Recurring															
1.1.1) SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS - NonOrganic ⁽⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	2 / 16.830	3 / 25.674	4 / 34.816	2 / 17.704	2 / 18.004	13 / 113.028			
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 16.830	3 / 25.674	4 / 34.816	2 / 17.704	2 / 18.004	13 / 113.028			
Total, SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS	- / -	- / -	- / -	- / -	- / -	- / -	2 / 16.830	3 / 25.674	4 / 34.816	2 / 17.704	2 / 18.004	13 / 113.028			
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	2 / 16.830	3 / 25.674	4 / 34.816	2 / 17.704	2 / 18.004	13 / 113.028			
Total Procurement and Support	-	-	-	-	-	-	16.830	25.674	34.816	17.704	18.004	113.028			
SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 3.165	- / 3.218	- / 9.819	- / 13.315	- / 13.657	- / 43.174			
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 3.165	- / 3.218	- / 9.819	- / 13.315	- / 13.657	- / 43.174			
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	19.995	28.892	44.635	31.019	31.661	156.202			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2147 - SSN Acoustics								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS															
Models of Systems Affected: SSN ACOUSTICS				Type Modification: SHIPALT								Related RDT&E PEs:																			
Manufacturer Information: SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS																															
Manufacturer Name: Lockheed Martin														Manufacturer Location: VA																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Apr 2015				Apr 2016				Apr 2017				Apr 2018					
Delivery Dates														Apr 2016				Apr 2017				Apr 2018				Apr 2019					
Installation: SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS														Method of Implementation: SHIPALT										Installation Name: SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		1 / 3.165		1 / 3.218		- / -		- / -		- / -		2 / 6.383								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 9.819		- / -		- / -		3 / 9.819								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 13.315		- / -		4 / 13.315								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 6.771		2 / 6.771								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 6.886		2 / 6.886								
Total		- / -	- / -		- / -		- / -		- / -		- / -		1 / 3.165		1 / 3.218		3 / 9.819		4 / 13.315		4 / 13.657		13 / 43.174								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	3	-	-	-	3	1	4	13	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	3	-	-	-	3	1	4	13	
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2147 - SSN Acoustics	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - SA303 COTS SUPPORTABILITY UPGRADES VA NON-CONVERSION KITS
Models of Systems Affected: SSN ACOUSTICS	Type Modification: SHIPALT	Related RDT&E PEs:
⁽⁵⁾ Provides technology insertion upgrade kits to previously A-RCI installed systems on the VA Class, providing the latest and most current capability. In FY15, due to C5I schedule, procurement and installation take place in the same year.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars							P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0603512N, 0604518N				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	110.323	25.686	17.035	9.394	-	9.394	9.768	9.895	10.103	10.232	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	110.323	25.686	17.035	9.394	-	9.394	9.768	9.895	10.103	10.232	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	110.323	25.686	17.035	9.394	-	9.394	9.768	9.895	10.103	10.232	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.461	0.428	0.170	-	0.170	0.057	-	-	-	-	1.116
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 VM201- ACOUSTIC COMMUNICATIONS (ACOMMS) AND DEPTH SOUNDERS:
 Acoustic Communications provides one-way and two-way acoustic communications equipment for submarines and surface ships; Depth Sounders provide a means of measuring the depth of water below the face of a hull mounted transducer. The equipment consists of: (1) AN/WQC-2/2A, a stand-alone, single side-band, general purpose, voice, continuous wave, multiple tone communication for surface ships, submarines, and shore activities; (2) AN/WQC-6, which provides long range coded signaling from surface Anti-Submarine Warfare (ASW) ships to attack submarines when interfaced with the AN/SQS-53 and AN/BQQ-5; (3) AN/BQC-1, a stand-alone emergency voice and signal beacon for submarines; (4) AN/UQN-4/4A, a water depth measuring system that provides the distance between the ship keel and the ocean bottom; and (5) technical improvements (Engineering Changes (ECs)) to Acoustic Communication and Depth Sounder equipment. Funding will provide for continued procurement of both Probe Alert (AN/WQC-6) improvements and AN/WQC-2A and AN/UQN-4/4A ECs, plus associated production engineering support and consulting services for the SSN 21, SSN 688, SSN 774, SSBN 726, SSGN 726, DDG 51, CG 47, MCM 1, FFG 7, AS, LHA, LHD, LPD, LSD, and CVN 68 class ships and submarines.

VM301 - AIRCRAFT CARRIER TACTICAL SUPPORT CENTER (CV-TSC):
 The AN/SQQ-34 Aircraft Carrier Tactical Support Center (CV-TSC) program provides increased situational awareness to the Carrier Strike Group (CSG) in support of force protection, primarily in the area of Anti-Submarine Warfare (ASW). Through the integration of off-board sensors and signal, data and display processors, the AN/SQQ-34 is utilized in detecting, classifying, and localizing threats. An integrated element of the Carrier Combat System, the AN/SQQ-34 supports the tactical deployment of embarked ASW and Surface Warfare (SUW) assets (S-3B until retirement, SH-60F helicopter). The program is providing technical refreshes to legacy AN/SQQ-34 systems on all Carriers and shore sites in support of Fleet introduction and shipboard integration of the MH-60R Multi Mission Helicopter. Upgrades to legacy systems will enable exchange of sensor, tactical and imagery data with the MH-60R initially and eventually with P-8 and BAMS aircraft. It completes the Kill Chain by linking sensor platform to sensor controllers and the ASW/SUW commanders.

In order to support multiple MH-60R Multi Mission Helicopters, the Common Data Link (CDL) will also be upgraded. CDL is the Navy Aircraft Carrier ultra wide-band, digital, secure data link, comprised of radio equipment that provides configuration-controlled and standardized wide-band, digital, and secure communication paths between multiple reconnaissance sensors and their users. Initially, a single User Interface Group (UIG) upgrade to CDL will be fielded in concert with CV-TSC/MH-60R deployments, providing a single MH-60R/aircraft link. Beginning in FY12, 2 additional UIGs and antennas will allow dual simultaneous mission connectivity to CV-TSC.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0603512N, 0604518N			

MDAP/MAIS Code(s):

VM401 - SURFACE SONAR WINDOWS AND DOMES:

AN/SQS-26/53 Sonar Dome Rubber Windows (SDRW) are installed on CG47 and DDG51 class ships. This program provides emergency replacement, wire-reinforced, pressurized rubber acoustic windows and attachment hardware, which experience failure due to corrosion, fatigue, and impact in the splice region. The SDRW significantly improves the surface ship sonar performance by reducing flow-induced self-noise and by providing increased source level receiving and sensitivity resulting from reduced attenuation. AN/SQS-56 Sonar Rubber Domes (SRD) and Sonar Composite Dome (SCD)-56 Composite Keel Domes are installed on FFG 7 class ships. This program provides emergency replacement SCD-56's for AN/SQS-56 active/passive duct sonar systems; fabrication of replacement mold sets required for future bow and keel dome production; production engineering in support of technical evaluations, failure analysis, implementation of the in-water one-side backscatter X-ray program, Government Furnished Equipment (GFE) refurbishments, and field service engineering; and complete engineering design work and material tests. This program also provides drawings, configuration management information, new design and fabrication technology, incorporation of lessons learned and required testing, and construct sub-element to confirm single-stage cure.

VM601 - UNDERSEA WARFARE-DECISION SUPPORT SYSTEM (USW-DSS):

The USW-DSS program provides an integrated, near-real time, net-centric USW (Anti-Submarine Warfare (ASW) & Mine Warfare (MIW)) Command and Control (C2) capability across multiple platforms (Surface, SSN, Maritime Patrol and Reconnaissance Aircraft (MPRA), Theater and Surveillance) and is capable even with low bandwidth or intermittent inter-platform communications. USW-DSS will provide a critical C2 capability for the Sea Combat (SCC), Theater USW (TUSWC), and Anti-Submarine Warfare (ASWC) Commanders. It will provide the Fleet with full capability to plan and conduct USW operations and enables alignment of sensors for exploitation of the environment, allocation of resources, optimization of operations and risk, and vulnerability assessment contributing to increased lethality and survivability through improved asset allocation, optimized sensor placement and situational awareness. This capability will provide USW Commanders with an expanded net-centric USW toolset reaching across all Carrier Strike Group (CSG) platforms (CVNs, CG/DDGs, SSNs, IUSS, MPRA) as well as supporting shore nodes and theater assets including Theater Surface Combatants (TSC), Training, Naval Oceanographic Processing Facility (NOPF), and Commander Task Force (CTF). Funding identified provides for the procurement and installation of USW-DSS capability on CSG platforms and supporting shore nodes via permanent ship alterations (SHIPALTs). Beginning in FY09, USW-DSS initiated transition to a software application hosted on afloat platforms' shipboard network, the Integrated Shipboard Network System (ISNS) initially, followed by Consolidated Afloat Network and Enterprise Services (CANES). The program is included in the Littoral and Maritime Operations Mission Capability Package (MCP) under the Joint Command and Control (JC2) construct.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Undersea Warfare Support Equipment	P40A, P5A				59.840			9.946			8.687			9.052			-			9.052
1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS	P3A				50.483			15.740			8.348			0.342			-			0.342
Total Gross/Weapon System Cost					110.323			25.686			17.035			9.394			-			9.394
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Undersea Warfare Support Equipment	P40A, P5A				-			-			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars												P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0603512N, 0604518N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS	P3A			0.361			0.399			0.408			0.415			-				76.496	
Total Gross/Weapon System Cost				9.768			9.895			10.103			10.232	Continuing			Continuing				
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: Due to a reprioritization of requirements based on results of the Resources/Requirements Review Board (R3B) and the Sponsor's Program Proposal (SPP), the program will enter the sustainment phase after operational test and evaluation of USW-DSS Build 2 Release 3 in early FY13. FY13 will focus on establishing the Software Support Activity at Naval Undersea Warfare Center (NUWC) Keyport, Washington.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment										Aggregated Item Name: Undersea Warfare Support Equipment				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) VM201 - ACOUSTIC COMMUNICATIONS (ACOMMS) AND DEPTH SOUNDERS																				
1.1) Acoustic Communications and Depth Sounders	A		-	-	1.782	-	-	0.311	-	-	0.327	-	-	0.331	-	-	-	-	-	0.331
1.2) Production Support	A		-	-	0.795	-	-	0.139	-	-	0.130	-	-	0.111	-	-	-	-	-	0.111
Subtotal 1) VM201 - ACOUSTIC COMMUNICATIONS (ACOMMS) AND DEPTH SOUNDERS					2.577			0.450			0.457			0.442			-			0.442
2) VM401 - SURFACE SONAR WINDOWS AND DOMES																				
† 2.1) Surface Sonar Windows and Domes ⁽¹⁾	A		-	-	16.256	1,671K	3	5.013	1,690K	2	3.380	1,841K	3	5.523	-	-	-	1,841K	3	5.523
2.2) Sonar Composite Mold	A		-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) Sonar Composite Dome	A		-	-	5.626	-	-	-	1,180K	2	2.360	-	-	-	-	-	-	-	-	-
2.4) Production Support	A		-	-	8.459	-	-	1.054	-	-	0.433	-	-	0.397	-	-	-	-	-	0.397
Subtotal 2) VM401 - SURFACE SONAR WINDOWS AND DOMES					32.341			6.067			6.173			5.920			-			5.920
3) VM601 - UNDERSEA WARFARE DECISION SUPPORT SYSTEM (USW-DSS)																				
† 3.1) Carrier Strike Group (CSG) Shipsets ⁽²⁾	A		-	-	11.557	255,000.00	1	0.255	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) ISNS/CANES S/ W Shipsets ⁽³⁾	A		175,333.33	9	1.578	54,000.00	10	0.540	-	-	-	58,000.00	15	0.870	-	-	-	58,000.00	15	0.870
3.3) Shore Sites and Tactical Trainers ⁽⁴⁾	A		-	-	3.645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Engineering Changes (Builds 1 & 2 Systems) ⁽⁵⁾	A		-	-	0.969	-	-	0.675	-	-	-	-	-	-	-	-	-	-	-	-
3.5) System Technical Support ⁽⁶⁾	A		-	-	-	-	-	1.059	-	-	1.394	-	-	1.112	-	-	-	-	-	1.112
3.6) Production Support ⁽⁷⁾	A		-	-	7.173	-	-	0.900	-	-	0.663	-	-	0.708	-	-	-	-	-	0.708

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars									P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment						Aggregated Item Name: Undersea Warfare Support Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 3) VM601 - UNDERSEA WARFARE DECISION SUPPORT SYSTEM (USW-DSS)					24.922			3.429			2.057			2.690			-			2.690
Total					59.840			9.946			8.687			9.052			-			9.052

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment								Aggregated Item Name: Undersea Warfare Support Equipment				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) VM201 - ACOUSTIC COMMUNICATIONS (ACOMMS) AND DEPTH SOUNDERS																				
1.1) Acoustic Communications and Depth Sounders	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) VM201 - ACOUSTIC COMMUNICATIONS (ACOMMS) AND DEPTH SOUNDERS</i>					-			-			-			-			-			-
2) VM401 - SURFACE SONAR WINDOWS AND DOMES																				
† 2.1) Surface Sonar Windows and Domes ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Sonar Composite Mold	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) Sonar Composite Dome	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) VM401 - SURFACE SONAR WINDOWS AND DOMES</i>					-			-			-			-			-			-
3) VM601 - UNDERSEA WARFARE DECISION SUPPORT SYSTEM (USW-DSS)																				
† 3.1) Carrier Strike Group (CSG) Shipsets ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) ISNS/CANES S/ W Shipsets ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Shore Sites and Tactical Trainers ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Engineering Changes (Builds 1 & 2 Systems) ⁽⁵⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) System Technical Support ⁽⁶⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Production Support ⁽⁷⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars									P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment									Aggregated Item Name: Undersea Warfare Support Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost					
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)			
Subtotal 3) VM601 - UNDERSEA WARFARE DECISION SUPPORT SYSTEM (USW-DSS)					-			-			-			-			-			-			
Total					-			-			-			-			-			-			
Footnotes: (1) VM401 - Surface Sonar Windows and Domes/Surface Sonar Windows and Domes: Procure SDRWs, shipping fixtures, and fairing angles for emergency replacement on CG 47 and DDG 51 class hulls. (2) VM601 - USW-DSS/Carrier Strike Group (CSG) Shipsets: Consists of the complete USW-DSS rack (hardware, software and supporting equipment). FY11 and FY12 systems will carry Build 2 software. (3) VM601 - USW-DSS/ISNS/CANES S/W Shipsets: Consists of USW-DSS Build 2 software load onto ISNS/CANES platforms. Schedule is dependent upon/coordinated with ISNS/CANES fielding. (4) VM601 - USW-DSS/Shore Sites and Tactical Trainers: Consists of USW-DSS Build 2 shore/lab assets and Tactical Training Equipment systems, which are full hardware/software systems. (5) VM601 - USW-DSS/Engineering Changes (Builds 1 & 2 Systems): Consists of Engineering Change Proposals (ECPs) and hardware/software changes/upgrades. Software will be upgraded to the USW-DSS Build 2. Funding will be used to support Reliability, Maintainability, and Availability (RM&A) modifications; correct deficiencies identified through Fleet use and upgrade unreliable components. (6) VM601 - USW-DSS/System Technical Support: Funding is for the USW-DSS program Software Support Activity efforts in performing the following functions: generation/assessment of Software Problem Reports (SPRs)/Software Trouble Reports (STRs); responding to Fleet software Change Requests (CR); Configuration Management (CM); software Quality Assurance (QA); software installation automation; and software recovery support. (7) VM601 - USW-DSS/Production Support: Consists of on-site engineering support; CANES Integrated Product Team (IPT) Support; Information Assurance (IA) certification support; production quality assurance; System Sustainability Support; Integrated Logistics Support (ILS) product updates/support; status reporting and technical briefings; program office support; and all other production support efforts directly related to delivery of USW-DSS to both ISNS/CANES and ultimately the Fleet.																							

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment					Aggregated Item Name: Undersea Warfare Support Equipment			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) VM401 - SURFACE SONAR WINDOWS AND DOMES												
2.1) Surface Sonar Windows and Domes		2012	Goodrich / Jacksonville, FL	SS / FP	NAVSEA	Jan 2012	Jan 2013	3	1,671K	Y		
2.1) Surface Sonar Windows and Domes		2013	Goodrich / Jacksonville, FL	SS / FP	NAVSEA	Apr 2013	Apr 2014	2	1,690K	Y		
2.1) Surface Sonar Windows and Domes		2014	Goodrich / Jacksonville, FL	SS / FP	NAVSEA	Nov 2013	Nov 2014	3	1,841K	Y		
2.3) Sonar Composite Dome		2013	Goodrich / Jacksonville, FL	SS / FP	NAVSEA	Apr 2013	Apr 2014	2	1,180K	Y		
3) VM601 - UNDERSEA WARFARE DECISION SUPPORT SYSTEM (USW-DSS)												
3.1) Carrier Strike Group (CSG) Shipsets		2012	Progeny / Virginia	SS / FP	NAVSEA	Jan 2012	Aug 2012	1	255,000.00	Y		
3.2) ISNS/CANES S/W Shipsets		2012	NUWC/Keyport / Keyport, WA	WR	N/A	Jan 2012	Apr 2012	10	54,000.00	Y		
3.2) ISNS/CANES S/W Shipsets		2014	NUWC/Keyport / Keyport, WA	WR	N/A	Nov 2013	Feb 2014	15	58,000.00	Y		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS

Models of Systems Affected: [No Model Specified]			Type Modification: Added Capability					Related RDT&E PEs: 0603512N				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	50.483	15.740	8.348	0.342	-	0.342	0.361	0.399	0.408	0.415	-	76.496
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	50.483	15.740	8.348	0.342	-	0.342	0.361	0.399	0.408	0.415	-	76.496
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	50.483	15.740	8.348	0.342	-	0.342	0.361	0.399	0.408	0.415	-	76.496

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[AN/SQQ-34C MH-60R Mission Integration (with CDL Modifications)] Funding identified provides for the procurement of Carrier Based Tactical Support Center (CV-TSC) AN/SQQ-34C with MH-60R capability for those CVNs with legacy CV-TSC systems (AN/SQQ-34A or AN/SQQ-34B).

To accommodate MH-60R upgrades on the Aircraft Carrier, the existing Common Data Link System (CDLS) requires an equipment upgrade that provides an additional User Interface Group (UIG) connection to the Aircraft Carrier Tactical Support Center (CV-TSC) and an additional link to support pre-flight verification of the systems. As the result of a cost-savings measure and a new initiative by N2N6 to introduce a new multi-link common data link program to the Aircraft Carrier in FY15, the current CDLS upgrade is being limited to the additional UIG and pre-flight verification equipment which is being installed as part of the CV-TSC equipment upgrades.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment						Modification Nomenclature (Modification Number - Modification Title): 1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS			
Models of Systems Affected: [No Model Specified]			Type Modification: Added Capability					Related RDT&E PEs: 0603512N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS													
B Kits													
Recurring													
1.1.1) AN/SQQ-34C MH-60R Mission Integration (with CDL Modifications) - NonOrganic	6 / 19.154	2 / 8.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 28.142	
Subtotal Recurring	6 / 19.154	2 / 8.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 28.142	
Non-Recurring													
1.2.1) AN/SQQ-34C MH-60R Mission Integration - Lab/ Shore Site Systems - Organic	- / 3.395	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.395	
Subtotal Non-Recurring	- / 3.395	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.395	
Total, VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS	6 / 22.549	2 / 8.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 31.537	
Total Procurement, All Modifications	6 / 22.549	2 / 8.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 31.537	
Support													
2.1) Technology Insert/Refresh	- / 9.539	- / -	- / -	- / 0.342	- / -	- / 0.342	- / 0.361	- / 0.399	- / 0.408	- / 0.415	- / -	- / 11.464	
2.2) Production Engineering/Support	- / 10.491	- / 0.872	- / 0.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.343	
Total Support, All Modifications	20.030	0.872	0.980	0.342	-	0.342	0.361	0.399	0.408	0.415	-	23.807	
Total Procurement and Support	42.579	9.860	0.980	0.342	-	0.342	0.361	0.399	0.408	0.415	-	55.344	
VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS Installation Cost	- / 7.904	- / 5.880	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.152	
Total Installation Cost	- / 7.904	- / 5.880	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.152	
Total Cost (Procurement + Support + Installation)	50.483	15.740	8.348	0.342	-	0.342	0.361	0.399	0.408	0.415	-	76.496	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS											
Models of Systems Affected: [No Model Specified]					Type Modification: Added Capability										Related RDT&E PEs: 0603512N																
Manufacturer Information: VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS																															
Manufacturer Name: NUWC/Keyport ⁽⁸⁾															Manufacturer Location: Keyport, WA																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 9																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Nov 2010			Jan 2012			Nov 2012																							
Delivery Dates		Aug 2011			Nov 2012			Aug 2013																							
Installation: VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS										Method of Implementation: SHIPYARD & AIT										Installation Name: AN/SQQ-34C MH-60R Mission Integration (with CDL Modifications)											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		4 / 7.904		2 / 5.880		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 13.784							
FY 2012		- / -		- / -		2 / 7.368		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 7.368							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		4 / 7.904		2 / 5.880		2 / 7.368		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 21.152							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
Out	4	-	1	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2176 - Undersea Warfare Support Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VM301 - AN/SQQ-34C MH-60R MISSION INTEGRATION W/ CDL MODIFICATIONS
Models of Systems Affected: [No Model Specified]	Type Modification: Added Capability	Related RDT&E PEs: 0603512N
⁽⁸⁾ NUWC/Keyport is the prime hardware/software integrator for the AN/SQQ-34C. The Common Display System (CDS) are procured via NAVSEA/PEO IWS contract with General Dynamics Advanced Information Systems. The Common Processing System (CPS) are procured via NAVSEA/PEO IWS contract with Global Technical Services (GTS).		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	73.034	13.503	13.410	12.953	-	12.953	13.404	13.612	13.971	14.080	-	167.967								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	73.034	13.503	13.410	12.953	-	12.953	13.404	13.612	13.971	14.080	-	167.967								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	73.034	13.503	13.410	12.953	-	12.953	13.404	13.612	13.971	14.080	-	167.967								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	0.272	0.563	0.521	-	0.521	0.580	0.635	0.639	0.648	Continuing	Continuing								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This program procures hydrophones, transducers, cables, associated Out-Board Electronics bottles (OBE), and acoustic windows for In-Service Undersea Warfare Sonars on all classes of submarines. The components are required to support units in the fleet on a replacement basis, at regularly scheduled ship overhauls, and at interim availabilities when units are defective, and for upgrades. [P40A / PU100 SONAR SWITCHES AND TRANSDUCERS]: Included in this line are procurements of transducers, hydrophones, windows, cables, Out-Board Electronics (OBE), domes and their associated mounting hardware, and other support equipment and materials for the following Undersea Warfare Sonars: BSY-1, BSY-2, BQQ-5 BQQ-6, BQQ-10, BQG-5, BQS-15, BQS-14A, WQC-2, WLR-9/12, BQN-13, BQN-17, BQA-8, and BQH-1. [P40A / PU200 ENGINEERING CHANGES]: Funds ECPs, Value Engineering awards, and hardware changes affecting the SSN 688, 688I, SSN 21, SSBN 726 (TRIDENT), and VA class submarines. [P40A / PU300 PROGRAM SUPPORT]: Supports the procurement of equipment of sonar hydrophones, transducers, cables, Out-Board Electronics, and acoustic windows for In-Service Undersea Warfare Sonars.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Sonar Switches and Transducers	P40A, P5A				73.034			13.503			13.410			12.953			-			12.953

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars											P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				73.034			13.503			13.410			12.953			-				12.953	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers							Aggregated Item Name: Sonar Switches and Transducers					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) PU100 SONAR SWITCHES AND TRANSDUCERS ⁽¹⁾																				
† 1.1) TR-353	A		-	-	-	-	-	-	6,000.00	100	0.600	6,000.00	100	0.600	-	-	-	6,000.00	100	0.600
† 1.2) CW-1147 DOME	A		-	-	-	-	-	-	18,000.00	10	0.180	18,000.00	10	0.180	-	-	-	18,000.00	10	0.180
† 1.3) CW-1181E DOME	A		-	-	-	-	-	-	5,000.00	19	0.095	5,000.00	18	0.090	-	-	-	5,000.00	18	0.090
† 1.4) DT-574 100FT	A		-	-	-	-	-	-	2,000.00	100	0.200	-	-	-	-	-	-	-	-	-
† 1.5) MX-12309 SSGN HFSA WINDOW	A		-	-	-	-	-	-	173,000.00	1	0.173	-	-	-	-	-	-	-	-	-
1.6) CABLES	A		-	-	-	-	-	-	-	-	1.799	-	-	0.477	-	-	-	-	-	0.477
† 1.7) DT-574 50FT	A		-	-	-	-	-	-	530.73	179	0.095	-	-	-	-	-	-	-	-	-
† 1.8) CW-1181C	A		5,611.11	126	0.707	5,000.00	18	0.090	5,000.00	20	0.100	5,000.00	18	0.090	-	-	-	5,000.00	18	0.090
† 1.9) MX-10624	A		6,033.33	90	0.543	13,000.00	4	0.052	-	-	-	13,181.82	11	0.145	-	-	-	13,181.82	11	0.145
† 1.10) MX-10624 Remanufactured	A		-	-	-	-	-	-	1,000.00	10	0.010	-	-	-	-	-	-	-	-	-
† 1.11) MX-12062 HFSA 688i Window	A		157,000.00	8	1.256	169,000.00	2	0.338	-	-	-	-	-	-	-	-	-	-	-	-
† 1.12) WINDOW (NSSN HFSA)	A		172,666.67	3	0.518	183,000.00	2	0.366	-	-	-	-	-	-	-	-	-	-	-	-
† 1.13) MX-11474	A		181,333.33	3	0.544	191,000.00	2	0.382	194,000.00	1	0.194	197,000.00	1	0.197	-	-	-	197,000.00	1	0.197
† 1.14) DT-5740OBE	A		14,121.39	173	2.443	16,000.00	20	0.320	16,000.00	25	0.400	16,272.00	25	0.407	-	-	-	16,272.00	25	0.407
† 1.15) DT-511B	A		18,160.00	25	0.454	-	-	-	27,333.33	18	0.492	27,797.66	18	0.500	-	-	-	27,797.66	18	0.500
† 1.16) DT-592	A		30,269.23	52	1.574	39,000.00	5	0.195	-	-	-	39,000.00	18	0.702	-	-	-	39,000.00	18	0.702
† 1.17) DT-592 Hydrophones Remanufactured	A		-	-	-	-	-	-	17,000.00	23	0.391	-	-	-	-	-	-	-	-	-
† 1.18) TR-233B	A		10,487.92	207	2.171	9,000.00	60	0.540	-	-	-	-	-	-	-	-	-	-	-	-
† 1.19) TR-282	A		21,500.00	60	1.290	-	-	-	-	-	-	26,900.00	10	0.269	-	-	-	26,900.00	10	0.269
† 1.20) TR-302B & CBL	A		23,828.03	157	3.741	21,357.14	42	0.897	21,698.71	20	0.434	22,067.59	18	0.397	-	-	-	22,067.59	18	0.397
† 1.21) TR-302 (WINDOW)	A		800.00	40	0.032	1,000.00	19	0.019	1,000.00	10	0.010	1,000.00	10	0.010	-	-	-	1,000.00	10	0.010
1.22) TR-321	A		7,463.64	110	0.821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.23) TR-321 V CTD	A		22,065.93	182	4.016	-	-	-	-	-	-	18,000.00	20	0.360	-	-	-	18,000.00	20	0.360
† 1.24) TR-338 & CBL	A		21,241.18	170	3.611	22,000.00	24	0.528	23,000.00	20	0.460	23,000.00	18	0.414	-	-	-	23,000.00	18	0.414
† 1.25) TR-341	A		16,536.84	380	6.284	17,000.00	47	0.799	-	-	-	-	-	-	-	-	-	-	-	-
† 1.26) WAA OBE	A		6,291.67	120	0.755	-	-	-	12,000.00	50	0.600	12,000.00	50	0.600	-	-	-	12,000.00	50	0.600
† 1.27) NCC CONNECTORS	A		918.17	2,273	2.087	1,000.00	442	0.442	1,000.00	45	0.045	1,000.00	52	0.052	-	-	-	1,000.00	52	0.052

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers										Aggregated Item Name: Sonar Switches and Transducers				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 1.28) DT-699 HFSA RECEIVE	A		55,865.67	67	3.743	69,350.00	17	1.179	-	-	-	70,000.00	7	0.490	-	-	-	70,000.00	7	0.490
† 1.29) DT-699 HFSA RECEIVE Remanufactured	A		-	-	-	-	-	-	17,000.00	15	0.255	-	-	-	-	-	-	-	-	-
† 1.30) TR-364 HFSP XMIT	A		123,833.33	12	1.486	148,000.00	1	0.148	150,368.00	1	0.150	152,924.26	1	0.153	-	-	-	152,924.26	1	0.153
† 1.31) TR-317	A		2,966.34	6,744	20.005	4,000.00	1,110	4.440	4,000.91	1,095	4.381	4,001.90	1,050	4.202	-	-	-	4,001.90	1,050	4.202
† 1.32) TR-281	A		20,370.37	27	0.550	21,400.00	10	0.214	-	-	-	-	-	-	-	-	-	-	-	-
1.33) DT-592 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.34) TR-233 FIRST ARTICLE	A		-	-	-	-	-	-	-	-	-	100,000.00	3	0.300	-	-	-	100,000.00	3	0.300
1.35) TR-302 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.36) TR-321 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.37) TR-338 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.38) TR-341 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.39) TR-317 FIRST ARTICLE	A		0.00	4	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.40) TR-353 FIRST ARTICLE	A		0.00	4	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.41) TR-281 FIRST ARTICLE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.42) TR-282 FIRST ARTICLE	A		-	-	-	-	-	-	100,000.00	3	0.300	-	-	-	-	-	-	-	-	-
† 1.43) DT-513	A		3,017.54	513	1.548	4,000.00	127	0.508	4,064.00	120	0.488	4,133.09	110	0.455	-	-	-	4,133.09	110	0.455
† 1.44) DT-574 50FT FIRST ARTICLE	A		-	-	-	-	-	-	-	-	-	35,000.00	6	0.210	-	-	-	35,000.00	6	0.210
† 1.45) DT-574 100FT FIRST ARTICLE	A		-	-	-	-	-	-	-	-	-	35,000.00	6	0.210	-	-	-	35,000.00	6	0.210
† 1.46) TR-321 V CTD FIRST ARTICLE	A		-	-	-	-	-	-	100,000.00	3	0.300	-	-	-	-	-	-	-	-	-
† 1.47) DT-100 HFSA RECEIVE	A		-	-	-	-	-	-	-	-	-	75,000.00	3	0.225	-	-	-	75,000.00	3	0.225
† 1.48) DT-100 HFSA RECEIVE Remanufactured	A		-	-	-	-	-	-	20,000.00	3	0.060	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars						P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers										Aggregated Item Name: Sonar Switches and Transducers				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 1) PU100 SONAR SWITCHES AND TRANSDUCERS					60.179			11.457			12.212			11.735			-			11.735
2) PU200 ENGINEERING CHANGES																				
2.1) ENGINEERING CHANGES	A		-	-	1.141	-	-	0.198	-	-	0.201	-	-	0.205	-	-	-	-	-	0.205
Subtotal 2) PU200 ENGINEERING CHANGES					1.141			0.198			0.201			0.205			-			0.205
3) PU300 PROGRAM SUPPORT																				
3.1) PROGRAM SUPPORT	A		-	-	11.714	-	-	1.848	-	-	0.997	-	-	1.013	-	-	-	-	-	1.013
Subtotal 3) PU300 PROGRAM SUPPORT					11.714			1.848			0.997			1.013			-			1.013
Total					73.034			13.503			13.410			12.953			-			12.953
Footnotes: (1) Due to Fleet usage requirements to maintain submarines in an operational status, adjustments were made to quantities throughout the FYDP. Items not procured in a single year do not impact the production line.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers					Aggregated Item Name: Sonar Switches and Transducers			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) PU100 SONAR SWITCHES AND TRANSDUCERS												
1.1) TR-353		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	100	6,000.00	Y		
1.1) TR-353		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	100	6,000.00	Y		
1.2) CW-1147 DOME		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	10	18,000.00	Y		
1.2) CW-1147 DOME		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	10	18,000.00	Y		
1.3) CW-1181E DOME		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	19	5,000.00	Y		
1.4) DT-574 100FT		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	100	2,000.00	Y		
1.5) MX-12309 SSGN HFSA WINDOW		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	1	173,000.00	Y		
1.7) DT-574 50FT		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	179	530.73	Y		
1.8) CW-1181C		2012	NUWC Newport / RI	WR	NUWC	Mar 2012	Mar 2013	18	5,000.00	Y		
1.8) CW-1181C		2013	NUWC Newport / RI	WR	NUWC	Mar 2013	Mar 2014	20	5,000.00	Y		
1.8) CW-1181C		2014	NUWC Newport / RI	WR	NUWC	Mar 2014	Mar 2015	18	5,000.00	Y		
1.9) MX-10624		2012	NUWC Newport / RI	WR	NUWC	Mar 2012	Mar 2013	4	13,000.00	Y		
1.9) MX-10624		2014	NUWC Newport / RI	WR	NUWC	Mar 2014	Mar 2015	11	13,181.82	Y		
1.10) MX-10624 Remanufactured		2013	NUWC Newport / RI	WR	NUWC	Mar 2013	Mar 2014	10	1,000.00	Y		
1.11) MX-12062 HFSA 688i Window		2012	Ultra, Walpole / MA	C / FP	NUWC	Mar 2012	Mar 2013	2	169,000.00	Y		
1.12) WINDOW (NSSN HFSA)		2012	Goodrich / Jacksonville, FL	C / FP	NUWC	Mar 2012	Mar 2013	2	183,000.00	Y		
1.13) MX-11474		2012	Goodrich / Jacksonville, FL	C / FP	NUWC	Mar 2012	Mar 2013	2	191,000.00	Y		
1.13) MX-11474		2013	Goodrich / Jacksonville, FL	C / FP	NUWC	Mar 2013	Mar 2014	1	194,000.00	Y		
1.13) MX-11474		2014	Goodrich / Jacksonville, FL	C / FP	NUWC	Mar 2014	Mar 2015	1	197,000.00	Y		
1.14) DT-5740OBE		2012	Lockheed Martin / Syracuse, NY	C / FP	NUWC	Mar 2012	Mar 2013	20	16,000.00	Y		
1.14) DT-5740OBE		2013	Lockheed Martin / Syracuse, NY	C / FP	NUWC	Mar 2013	Mar 2014	25	16,000.00	Y		
1.14) DT-5740OBE		2014	Lockheed Martin / Syracuse, NY	C / FP	NUWC	Mar 2014	Mar 2015	25	16,272.00	Y		
1.15) DT-511B		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	18	27,333.33	Y		
1.15) DT-511B		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	18	27,797.66	Y		
1.16) DT-592		2012	VARIOUS / VARIOUS	C / FP	NUWC	Mar 2012	Mar 2013	5	39,000.00	Y		
1.16) DT-592		2014	VARIOUS / VARIOUS	C / FP	NUWC	Mar 2014	Mar 2015	18	39,000.00	Y		
1.17) DT-592 Hydrophones Remanufactured		2013	VARIOUS / VARIOUS	C / FP	NUWC	Mar 2013	Mar 2014	23	17,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers					Aggregated Item Name: Sonar Switches and Transducers			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.18) TR-233B		2012	Ultra, Walpole / MA	C / FP	NUWC	Mar 2012	Mar 2013	60	9,000.00	Y		
1.19) TR-282		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	10	26,900.00	Y		
1.20) TR-302B & CBL		2012	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2012	Mar 2013	42	21,357.14	Y		
1.20) TR-302B & CBL		2013	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2013	Mar 2014	20	21,698.71	Y		
1.20) TR-302B & CBL		2014	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2014	Mar 2015	18	22,067.59	Y		
1.21) TR-302 (WINDOW)		2012	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2012	Mar 2013	19	1,000.00	Y		
1.21) TR-302 (WINDOW)		2013	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2013	Mar 2014	10	1,000.00	Y		
1.21) TR-302 (WINDOW)		2014	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2014	Mar 2015	10	1,000.00	Y		
1.23) TR-321 V CTD		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	20	18,000.00	Y		
1.24) TR-338 & CBL		2012	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2012	Mar 2013	24	22,000.00	Y		
1.24) TR-338 & CBL		2013	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2013	Mar 2014	20	23,000.00	Y		
1.24) TR-338 & CBL		2014	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2014	Mar 2015	18	23,000.00	Y		
1.25) TR-341		2012	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2012	Mar 2013	47	17,000.00	Y		
1.26) WAA OBE		2013	TRF, Portsmouth / MA	C / FP	NUWC	Jan 2013	Jan 2014	50	12,000.00	Y		
1.26) WAA OBE		2014	TRF, Portsmouth / MA	C / FP	NUWC	Mar 2014	Mar 2015	50	12,000.00	Y		
1.27) NCC CONNECTORS		2012	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2012	Mar 2013	442	1,000.00	Y		
1.27) NCC CONNECTORS		2013	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2013	Mar 2014	45	1,000.00	Y		
1.27) NCC CONNECTORS		2014	VARIOIUS / VARIOUS	C / FP	NUWC	Mar 2014	Mar 2015	52	1,000.00	Y		
1.28) DT-699 HFSA RECEIVE		2012	Ultra, Walpole / MA	C / FP	NUWC	Mar 2012	Mar 2013	17	69,350.00	Y		
1.28) DT-699 HFSA RECEIVE		2014	Ultra, Walpole / MA	C / FP	NUWC	Mar 2014	Mar 2015	7	70,000.00	Y		
1.29) DT-699 HFSA RECEIVE Remanufactured		2013	Ultra, Walpole / MA	C / FP	NUWC	Mar 2013	Mar 2014	15	17,000.00	Y		
1.30) TR-364 HFSP XMIT		2012	Ultra, Walpole / MA	C / FP	NUWC	Mar 2012	Mar 2013	1	148,000.00	Y		
1.30) TR-364 HFSP XMIT		2013	Ultra, Walpole / MA	C / FP	NUWC	Mar 2013	Mar 2014	1	150,368.00	Y		
1.30) TR-364 HFSP XMIT		2014	Ultra, Walpole / MA	C / FP	NUWC	Mar 2014	Mar 2015	1	152,924.26	Y		
1.31) TR-317		2012	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2012	Mar 2013	1,110	4,000.00	Y		
1.31) TR-317		2013	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2013	Mar 2014	1,095	4,000.91	Y		
1.31) TR-317		2014	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2014	Mar 2015	1,050	4,001.90	Y		
1.32) TR-281		2012	ITC, Santa Barbara / CA	C / FP	NUWC	Mar 2012	Mar 2013	10	21,400.00	Y		
1.34) TR-233 FIRST ARTICLE		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	3	100,000.00	Y		
1.42) TR-282 FIRST ARTICLE		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	3	100,000.00	Y		
1.43) DT-513		2012	Edo, Salt Lake City / UT	C / FP	NUWC	Mar 2012	Mar 2013	127	4,000.00	Y		
1.43) DT-513		2013	Edo, Salt Lake City / UT	C / FP	NUWC	Mar 2013	Mar 2014	120	4,064.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars				P-1 Line Item Nomenclature: 2181 - Sonar Switches and Transducers					Aggregated Item Name: Sonar Switches and Transducers			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.43) DT-513		2014	Edo, Salt Lake City / UT	C / FP	NUWC	Mar 2014	Mar 2015	110	4,133.09	Y		
1.44) DT-574 50FT FIRST ARTICLE		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	6	35,000.00	Y		
1.45) DT-574 100FT FIRST ARTICLE		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	6	35,000.00	Y		
1.46) TR-321 V CTD FIRST ARTICLE		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	3	100,000.00	Y		
1.47) DT-100 HFSA RECEIVE		2014	Unknown / TBD	C / FP	NUWC	Mar 2014	Mar 2015	3	75,000.00	Y		
1.48) DT-100 HFSA RECEIVE Remanufactured		2013	Unknown / TBD	C / FP	NUWC	Mar 2013	Mar 2014	3	20,000.00	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	16.841	-	8.958	-	8.958	8.992	-	-	-	-	34.791								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	16.841	-	8.958	-	8.958	8.992	-	-	-	-	34.791								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	16.841	-	8.958	-	8.958	8.992	-	-	-	-	34.791								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	0.016	-	-	-	-	-	-	-	-	0.016								
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [P40A / 1U060 ICADS]: 1U060: Integrated Communications and Data System (ICADS) (AN/URC-148(V)) is a Chief of Naval Operations (CNO) directed mission critical system which provides limited back-up, mobile communications capability. The system made up of a system of sytems provides reliable, limited solution for re-establishing command and control for high value unit, subordinate units, and controlling fleet entities. ICADS was a Rapid Deployment Capability (RDC) designated by Assistant Secretary of the Navy (Research, Developement and Acquisitions). Specific program details and capabilities held at a higher classification. [P40A / 1U061 ICADS Variant]: ICADS (AN/URC-148(V1)) is critical need requirement outlined by Operational Fleet Commanders as a supplemental capability to the existing delivered AN/URC-148(V) systems. (V1) is a limited capability variant design providing limited transmit capability in the same carry-on type manner based on the AN/UST-1 design. Specific program details and capabilities held at a higher classification.																				
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Electronic Warfare MILDEC	P40A, P5A, P21				-			16.841			-			8.958			-			8.958
Total Gross/Weapon System Cost					0.000			16.841			-			8.958			-			8.958
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars		P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: FY14 funds will procure 3 ICADS (AN/URC-148(V1)) and 4 Engineering Change Proposals (ECPs).		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars								P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC								Aggregated Item Name: Electronic Warfare MILDEC				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 1U060 ICADS																				
† 1.1) ICADS	A		-	-	-	14,005.000	1	14.005	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) ICADS Engineering Change Proposals (ECPs) ⁽¹⁾	A		-	-	-	520.000	4	2.080	-	-	-	520.000	4	2.080	-	-	-	520.000	4	2.080
<i>Subtotal 1) 1U060 ICADS</i>					-			16.085			-			2.080			-			2.080
2) 1U555 Production Support																				
2.1) Production Support	A		-	-	-	-	-	0.756	-	-	-	-	-	0.535	-	-	-	-	-	0.535
<i>Subtotal 2) 1U555 Production Support</i>					-			0.756			-			0.535			-			0.535
3) 1U061 ICADS Variant																				
† 3.1) Variant ⁽²⁾	A		-	-	-	-	-	-	-	-	-	2,114.333	3	6.343	-	-	-	2,114.333	3	6.343
<i>Subtotal 3) 1U061 ICADS Variant</i>					-			-			-			6.343			-			6.343
Total					-			16.841			-			8.958			-			8.958

Footnotes:

- (1) Engineering Change Proposals (ECPs) will correct deficiencies found in production units and address obsolescence issues. Details held at a higher classification. There are no associated installation costs.
- (2) New cost code identified to account for new Fleet directed requirement (variant to existing system). Details held at a higher classification

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars			P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC						Aggregated Item Name: Electronic Warfare MILDEC			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) 1U060 ICADS												
†1.1) ICADS		2012 ⁽³⁾	SSC LANT / Charleston, SC	C / FFP	SSC LANT	Mar 2012	Sep 2013	1	14,005.000	N		
1.2) ICADS Engineering Change Proposals (ECPs)		2012	SSC LANT / Charleston, SC	C / FFP	SSC LANT	Mar 2012	Nov 2012	4	520.000	Y		Jan 2012
1.2) ICADS Engineering Change Proposals (ECPs)		2014	SSC LANT / Charleston, SC	C / FFP	SSC LANT	Nov 2013	Jul 2014	4	520.000	N	Oct 2013	Oct 2013
3) 1U061 ICADS Variant												
†3.1) Variant		2014 ⁽⁴⁾	SSC LANT / Charleston, SC	C / FFP	SSC LANT	Nov 2013	Nov 2014	3	2,114.333	N		
Footnotes: ⁽³⁾ ICADS is comprised of several mature systems. Funding is sent to SSC LANT for the procurement of various Firm Fixed Price (FFP) contracts. Various subsystems are integrated to deliver an ICADS system. ⁽⁴⁾ ICADS variant is a limited capability derived from existing system. Funding is sent to SSC LANT for the procurement of various Firm Fixed Priced (FFP) contracts.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC														Aggregated Item Name: Electronic Warfare MILDEC											
Items <i>(Units in Each)</i>							Fiscal Year 2012														Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) 1U060 ICADS																																			
1.1) ICADS																																			
	1	2012	NAVY	1	-	1	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
3) 1U061 ICADS Variant																																			
3.1) Variant																																			
	2	2014	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013													
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars										P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC										Aggregated Item Name: Electronic Warfare MILDEC													
Items (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
1) 1U060 ICADS																																	
1.1) ICADS																																	
	1	2012	NAVY	1	1	-																										-	
3) 1U061 ICADS Variant																																	
3.1) Variant																																	
	2	2014	NAVY	3	-	3	-	A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1											-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 2: Ship Sonars	P-1 Line Item Nomenclature: 2188 - Electronic Warfare MILDEC	Aggregated Item Name: Electronic Warfare MILDEC

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	SSC LANT - Charleston, SC	1.00	1.00	3.00	-	1	18	19	-	1	18	19
2	SSC LANT - Charleston, SC	1.00	3.00	3.00	-	1	12	13	-	1	12	13

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment							P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.690	20.503	21.489	24.077	-	24.077	27.312	26.286	29.236	29.676	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.690	20.503	21.489	24.077	-	24.077	27.312	26.286	29.236	29.676	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.690	20.503	21.489	24.077	-	24.077	27.312	26.286	29.236	29.676	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.128	0.265	0.283	-	0.283	0.251	0.281	0.290	0.264	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Submarine Acoustic Warfare System (SAWS) provides submarines with an enhanced capability against torpedoes and the means to reduce the acoustic and non-acoustic effectiveness of enemy sensors. This program provides ongoing production of countermeasure devices needed to sustain fleet inventories, production of preplanned improvements to enhance the readiness and effectiveness of countermeasure devices and associated inboard and outboard countermeasure launcher systems. [P40A / WM014 6]: WM014 6" Diameter Countermeasures - Procures the 6" Countermeasure Launch Tube, Acoustic Device Countermeasure (ADC) MK3 (Torpedo) and Acoustic Device Countermeasure (ADC) MK4 (Sound Navigation and Ranging (SONAR), Engineering Change Proposals (ECPs) and Configuration Control. [P40A / WM015 3]: WM015 3" Diameter Countermeasures - Procures Noise Acoustic Emitter (NAE) BEACON, Acoustic Device Countermeasure (ADC) MK2 MOD 3 & 5, Next Generation Countermeasure (NGCM), Engineering Change Proposals (ECPs) and Configuration Control. [P40A / WM018 ACOUSTIC AUGMENTATION SUPPORT PROGRAM (AASP)]: Procures acoustic augmenting devices in various configurations for all submarine platforms. [P40A / WM019 CSA]: WM019 Engineering Changes - Procures engineering changes in support of SAWS including Countermeasures Set Acoustic (CSA) system Launch Control Panels (LCPs), CSA support System Assets, and correcting obsolescence. [P40A / WM022 GAS GENERATOR MK77]: WM022 Gas Generator (GG) MK 77 - Procures the propulsion components required to launch the ADC MK3 and ADC MK4 Countermeasure devices out of the External Countermeasure Launchers(ECLs). [P40A / WM830 PRODUCTION ENGINEERING]: WM830 Production Engineering - Procures production engineering services for SAWS Technical Design Agent (TDA) and In-Service Engineering Agent (ISEA).												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip /
BSA 3: Asw Electronic Equipment

P-1 Line Item Nomenclature:

2210 - Submarine Acoustic Warfare System

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

[P40A / WM900 CONSULTING SERVICES]: WM900 Consulting Services - Procures contractor consulting services for SAWS.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Submarine Acoustic Warfare System	P40A, P5A, P21				26.690			20.503			21.489			24.077			-			24.077
Total Gross/Weapon System Cost					26.690			20.503			21.489			24.077			-			24.077

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System							Aggregated Item Name: Submarine Acoustic Warfare System					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) WM014 6																				
† 1.1) 6" Countermeasure Launch Tube ⁽¹⁾	A		41,010.91	275	11.278	11,035.50	169	1.865	11,377.91	172	1.957	11,560.00	75	0.867	-	-	-	11,560.00	75	0.867
† 1.2) ADC MK3 (TORPEDO) ⁽²⁾	A		31,600.00	125	3.950	27,075.00	160	4.332	34,400.00	125	4.300	33,200.00	70	2.324	-	-	-	33,200.00	70	2.324
† 1.3) ADC MK4 (SONAR) ⁽³⁾	A		-	-	-	-	-	-	41,028.57	35	1.436	-	-	-	-	-	-	-	-	-
Subtotal 1) WM014 6					15.228			6.197			7.693			3.191			-			3.191
2) WM015 3																				
† 2.1) NAE BEACON ⁽⁴⁾	A		7,498.83	429	3.217	-	-	-	7,750.00	500	3.875	6,604.48	670	4.425	-	-	-	6,604.48	670	4.425
† 2.2) ADC MK2 MOD3/5 ⁽⁵⁾	A		5,389.83	354	1.908	5,476.49	808	4.425	5,568.86	501	2.790	5,664.29	280	1.586	-	-	-	5,664.29	280	1.586
2.3) NGCM (MK5)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) WM015 3					5.125			4.425			6.665			6.011			-			6.011
3) WM017 ACOUSTIC INTERCEPT (AI)																				
3.1) ACOUSTIC INTERCEPT (AI) ⁽⁶⁾	A		-	-	1.697	-	-	0.873	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) WM017 ACOUSTIC INTERCEPT (AI)					1.697			0.873			-			-			-			-
4) WM018 ACOUSTIC AUGMENTATION SUPPORT PROGRAM (AASP)																				
4.1) ACOUSTIC AUGMENTATION SUPPORT PROGRAM (AASP) ⁽⁷⁾	A		-	-	-	-	-	0.838	-	-	0.670	-	-	1.380	-	-	-	-	-	1.380
Subtotal 4) WM018 ACOUSTIC AUGMENTATION SUPPORT PROGRAM (AASP)					-			0.838			0.670			1.380			-			1.380
5) WM019 CSA																				
5.1) CSA (LAUNCHER) ⁽⁸⁾	A		-	-	1.185	-	-	1.085	-	-	0.706	-	-	0.706	-	-	-	-	-	0.706
5.2) CSA MK3 ENGINEERING CHANGE ⁽⁹⁾	A		-	-	-	-	-	0.700	-	-	-	-	-	4.231	-	-	-	-	-	4.231

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System							Aggregated Item Name: Submarine Acoustic Warfare System					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.3) CSA MK2 MOD0 OBSOLESCENCE	A		-	-	-	-	-	-	-	-	-	-	-	2.134	-	-	-	-	-	2.134
5.4) CSA MK2 MOD2 CONVERSION	A		-	-	-	-	-	-	-	-	-	-	-	2.005	-	-	-	-	-	2.005
Subtotal 5) WM019 CSA					1.185			1.785			0.706			9.076			-			9.076
6) WM022 GAS GENERATOR MK77																				
† 6.1) GAS GENERATOR MK77 (10)	A		10,000.00	243	2.430	10,160.00	400	4.064	10,334.09	443	4.578	10,508.00	250	2.627	-	-	-	10,508.00	250	2.627
Subtotal 6) WM022 GAS GENERATOR MK77					2.430			4.064			4.578			2.627			-			2.627
7) WM830 PRODUCTION ENGINEERING																				
7.1) PRODUCTION ENGINEERING (11)	A		-	-	0.800	-	-	2.116	-	-	0.977	-	-	1.481	-	-	-	-	-	1.481
Subtotal 7) WM830 PRODUCTION ENGINEERING					0.800			2.116			0.977			1.481			-			1.481
8) WM900 CONSULTING SERVICES																				
8.1) CONSULTING SERVICES (12)	A		-	-	0.225	-	-	0.205	-	-	0.200	-	-	0.311	-	-	-	-	-	0.311
Subtotal 8) WM900 CONSULTING SERVICES					0.225			0.205			0.200			0.311			-			0.311
Total					26.690			20.503			21.489			24.077			-			24.077
Footnotes: (1) Changes in FY15, FY16 and FY17 are due to rounding. Minor additional quantity of Launch Tubes procured. With the reduction in ADC MK4 planned procurements to 0, 20 fewer Launch Tubes are necessary. (2) FY12 ADC MK3 (TORPEDO) and ADC MK 4 (SONAR) 6 Diameter Countermeasures: It was determined that the ADC MK 4 inventory in FY12 was sufficient to meet current fleet requirements so no procurement of ADC MK 4 units were required. The ADC MK 3 FY 12 procurement was increased to 160 units to meet fleet needs. Changes in FY16 and FY17 are due to rounding. Cost for ADC MK3 reflects revised Unit Cost from that used in the PB12 budget. (3) FY 12 ADC MK 4 (SONAR) 6 Diameter Countermeasures: It was determined that the ADC MK 4 inventory in FY12 was sufficient to meet current fleet requirements so no procurement of ADC MK 4 units were required. \$309K moved from WM014 ADC MK4 to WM019 CSA MK Engineering Change for emergent CSA work needed to meet TI-14 connection to Submarine Warfare Federated Tactical System (SWFTS). ADC MK 4 procurements are required for FY13 to restock expended and expired units. Changes in FY15, FY16 and FY18 are due to rounding. (4) Changes in FY16, FY17, and FY18 are due to rounding. No NAE Beacons were procured in FY12 because of contract award delay; Funding was reallocated to buy additional ADC Mk2 Mod3/5 (\$3,390K); and to production engineering (\$909K). (5) WM015 ADC MK2 FY12 the unit price for this option was slightly higher than anticipated. The procurement quantity was reduced from 224 units to 189 units to accommodate this difference. FY15 - FY18 procurements will be part of a larger buy that procures ADC MK 2s for the SSTD program budget line item 3113. Changes in FY15, FY16, and FY17 unit cost and total cost are due to rounding. Additional ADC Mk2 Mod3/5s were procured with funding available due to not buying NAE Beacons (619 additional).																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System	Aggregated Item Name: Submarine Acoustic Warfare System
(6) Acoustic Intercept (AI) funding reduced due to elimination of TDA for AN/WLR-9. (7) AASP funding increased with addition from AI and additional support for SBIR effort funded. (8) CSA (Launcher) ISEA effort increased by \$184K from NAE Beacon reallocation (9) WM019 FY12 \$309K moved from WM014 ADC MK4 for emergent CSA work needed to meet TI-14 connection to SWFTS. CSA MK3 Engineering Change effort augmented with funding from NAE Beacon to reduce risk for NGCM engineering modifications. (\$391K). (10) WM022 Gas Generator (GG) MK77 fluctuation in quantities is due to a combination of three factors: qualification and availability of the Mod1 GG starting with LRIP in FY14; expiring lots of the butarez energetic component and continuing rework using those remaining Mod0 GG and the need to build the inventory to Non Nuclear Ordinance Requirement (NNOR) levels and then reduce production to more steady state Non Combat Expenditure Allowance (NCEA) level. Changes in FY14, FY15, and FY18 are due to rounding. Cost for MK77 GG production and rework increased due to some minor redesign efforts required (\$303k). (11) Production Engineering effort increased due to reallocation of funding from NAE Beacon and to more accurately reflect costs. (12) Consulting costs increased slightly due to some additional tasking.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System					Aggregated Item Name: Submarine Acoustic Warfare System			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) WM014 6												
†1.1) 6" Countermeasure Launch Tube		2011	DYNAMIC FLOWFORM / MASSACHUSETTS	C / FFP	NUWCKEYPORT	Aug 2011	Aug 2012	275	11,003.64	Y		
†1.1) 6" Countermeasure Launch Tube		2012	DYNAMIC FLOWFORM / MASSACHUSETTS	C / FFP	NUWCKEYPORT	Aug 2012	Aug 2013	169	11,035.50	Y		
†1.1) 6" Countermeasure Launch Tube		2013	DYNAMIC FLOWFORM / MASSACHUSETTS	C / FFP	NUWCKEYPORT	Aug 2013	Aug 2014	172	11,377.91	Y		
†1.1) 6" Countermeasure Launch Tube		2014	DYNAMIC FLOWFORM / MASSACHUSETTS	C / FFP	NUWCKEYPORT	Aug 2014	Aug 2015	75	11,560.00	Y		
†1.2) ADC MK3 (TORPEDO)		2011	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	Jun 2011	Jun 2013	125	31,600.00	Y		
†1.2) ADC MK3 (TORPEDO)		2012	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	Aug 2012	Aug 2014	160	27,075.00	Y		
†1.2) ADC MK3 (TORPEDO)		2013	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	Jun 2013	Jun 2015	125	34,400.00	Y		
†1.2) ADC MK3 (TORPEDO)		2014	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	Dec 2013	Dec 2015	70	33,200.00	Y		
†1.3) ADC MK4 (SONAR)		2013	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	Jun 2013	May 2015	35	41,028.57	Y		
2) WM015 3												
†2.1) NAE BEACON		2011	ULTRA / BRAINTREE, MA	C / FFP	NAVICP	Aug 2011	Jul 2013	429	7,498.83	Y		
†2.1) NAE BEACON		2013	ULTRA / BRAINTREE, MA	SS / IDIQ	NAVICP	Aug 2013	Jul 2015	500	7,750.00	Y		
†2.1) NAE BEACON		2014	ULTRA / BRAINTREE, MA	SS / IDIQ	NAVICP	Jan 2014	Dec 2015	670	6,604.48	Y		
†2.2) ADC MK2 MOD3/5		2011	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	May 2011	May 2013	354	5,389.83	Y		
†2.2) ADC MK2 MOD3/5		2012	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	May 2012	May 2014	808	5,476.49	Y		
†2.2) ADC MK2 MOD3/5		2013	ULTRA / BRAINTREE, MA	C / FFP	NAVSEA	May 2013	May 2015	501	5,568.86	Y		
†2.2) ADC MK2 MOD3/5		2014	TBD / TBD	C / FFP	NAVSEA	May 2014	May 2015	280	5,664.29	Y		
6) WM022 GAS GENERATOR MK77												
†6.1) GAS GENERATOR MK77		2011	NSWC/INDIAN HEAD / NSWC INDIAN HEAD	WR	NSWC INDIAN HEAD	Mar 2011	Mar 2012	243	10,000.00	Y		
†6.1) GAS GENERATOR MK77		2012	NSWC/INDIAN HEAD / NSWC INDIAN HEAD	WR	NSWC INDIAN HEAD	Mar 2012	Mar 2013	400	10,160.00	Y		
†6.1) GAS GENERATOR MK77		2013	NSWC/INDIAN HEAD / NSWC INDIAN HEAD	WR	NSWC INDIAN HEAD	Mar 2013	Mar 2014	443	10,334.09	Y		
†6.1) GAS GENERATOR MK77		2014	NSWC/INDIAN HEAD / NSWC INDIAN HEAD	WR	NSWC INDIAN HEAD	Mar 2014	Mar 2015	250	10,508.00	Y		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment											P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System												Aggregated Item Name: Submarine Acoustic Warfare System												
Items (Units in Each)							Fiscal Year 2011												Fiscal Year 2012																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011																		Calendar Year 2012										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) WM014 6																																			
1.1) 6" Countermeasure Launch Tube																																			
	3	2011	NAVY	275	-	275	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	20	20	235			
	3	2012	NAVY	169	-	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	169			
	3	2013	NAVY	172	-	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172			
	3	2014	NAVY	75	-	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75			
1.2) ADC MK3 (TORPEDO)																																			
	4	2011	NAVY	125	-	125	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125			
	4	2012	NAVY	160	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	160			
	4	2013	NAVY	125	-	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125			
	4	2014	NAVY	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70			
1.3) ADC MK4 (SONAR)																																			
	5	2013	NAVY	35	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35			
2) WM015 3																																			
2.1) NAE BEACON																																			
	6	2011	NAVY	429	-	429	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	429			
	6	2013	NAVY	500	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500			
	6	2014	NAVY	670	-	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	670			
2.2) ADC MK2 MOD3/5																																			
	7	2011	NAVY	354	-	354	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354			
	7	2012	NAVY	808	-	808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	808			
	7	2013	NAVY	501	-	501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	501			
	8	2014	NAVY	280	-	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280			
6) WM022 GAS GENERATOR MK77																																			
6.1) GAS GENERATOR MK77																																			
	9	2011	NAVY	243	-	243	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	17	20	20	20	20	20	20	20	106			
	9	2012	NAVY	400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	400			
	9	2013	NAVY	443	-	443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	443			
	9	2014	NAVY	250	-	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013																	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System										Aggregated Item Name: Submarine Acoustic Warfare System																	
Items (Units in Each)							Fiscal Year 2013										Fiscal Year 2014																				
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013																	Calendar Year 2014										B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) WM014 6																																					
1.1) 6" Countermeasure Launch Tube																																					
	3	2011	NAVY	275	40	235	25	25	25	25	25	25	25	25	20	15																					-
	3	2012	NAVY	169	-	169	-	-	-	-	-	-	-	-	-	-	14	14	14	14	14	14	14	14	14	14	14	15						-			
	3	2013	NAVY	172	-	172	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	14	14	144						
	3	2014	NAVY	75	-	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	75						
1.2) ADC MK3 (TORPEDO)																																					
	4	2011	NAVY	125	-	125	-	-	-	-	-	-	-	-	11	10	10	10	10	10	10	10	11	11	11	11						-					
	4	2012	NAVY	160	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	132						
	4	2013	NAVY	125	-	125	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125						
	4	2014	NAVY	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	70						
1.3) ADC MK4 (SONAR)																																					
	5	2013	NAVY	35	-	35	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35						
2) WM015 3																																					
2.1) NAE BEACON																																					
	6	2011	NAVY	429	-	429	-	-	-	-	-	-	-	-	-	30	35	35	35	35	37	37	37	37	37	37	37						-				
	6	2013	NAVY	500	-	500	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	500						
	6	2014	NAVY	670	-	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	670						
2.2) ADC MK2 MOD3/5																																					
	7	2011	NAVY	354	-	354	-	-	-	-	-	-	-	30	30	30	30	30	30	29	29	29	29	29	29						-						
	7	2012	NAVY	808	-	808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	67	67	67	67	473						
	7	2013	NAVY	501	-	501	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	501						
	8	2014	NAVY	280	-	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	280						
6) WM022 GAS GENERATOR MK77																																					
6.1) GAS GENERATOR MK77																																					
	9	2011	NAVY	243	137	106	20	20	20	22	24																						-				
	9	2012	NAVY	400	-	400	-	-	-	-	-	24	30	31	35	35	35	35	35	35	35	35											-				
	9	2013	NAVY	443	-	443	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	36	37	37	37	37	37	37	185							
	9	2014	NAVY	250	-	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	250						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment												P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System								Aggregated Item Name: Submarine Acoustic Warfare System														
Items (Units in Each)							Fiscal Year 2015										Fiscal Year 2016																	
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015																	Calendar Year 2016										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1) WM014 6																																		
1.1) 6" Countermeasure Launch Tube																																		
	3	2011	NAVY	275	275	-																										-		
	3	2012	NAVY	169	169	-																										-		
	3	2013	NAVY	172	28	144	14	14	14	14	14	14	17	17	16	10											-							
	3	2014	NAVY	75	-	75	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	7	7	7	-					
1.2) ADC MK3 (TORPEDO)																																		
	4	2011	NAVY	125	125	-																										-		
	4	2012	NAVY	160	28	132	14	14	13	13	13	13	13	13	13	13																-		
	4	2013	NAVY	125	-	125	-	-	-	-	-	-	-	-	10	10	10	10	10	10	11	11	11	11	11						-			
	4	2014	NAVY	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	10					
1.3) ADC MK4 (SONAR)																																		
	5	2013	NAVY	35	-	35	-	-	-	-	-	-	-	-	10	10	10	5															-	
2) WM015 3																																		
2.1) NAE BEACON																																		
	6	2011	NAVY	429	429	-																										-		
	6	2013	NAVY	500	-	500	-	-	-	-	-	-	-	-	-	-	42	42	42	42	42	42	42	42	42	42	38			-				
	6	2014	NAVY	670	-	670	-	-	-	-	-	-	-	-	-	-	-	-	-	56	56	56	56	56	56	56	56	56	55	111				
2.2) ADC MK2 MOD3/5																																		
	7	2011	NAVY	354	354	-																										-		
	7	2012	NAVY	808	335	473	67	67	67	67	67	67	71																			-		
	7	2013	NAVY	501	-	501	-	-	-	-	-	-	-	41	41	41	42	42	42	42	42	42	42	42	42				-					
	8	2014	NAVY	280	-	280	-	-	-	-	-	-	-	23	23	23	23	23	23	23	23	24	24	24	24					-				
6) WM022 GAS GENERATOR MK77																																		
6.1) GAS GENERATOR MK77																																		
	9	2011	NAVY	243	243	-																										-		
	9	2012	NAVY	400	400	-																										-		
	9	2013	NAVY	443	258	185	37	37	37	37	37																					-		
	9	2014	NAVY	250	-	250	-	-	-	-	-	-	20	20	21	21	21	21	21	21	21	21	21								-			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System										Aggregated Item Name: Submarine Acoustic Warfare System											
Items (Units in Each)							Fiscal Year 2017										Fiscal Year 2018														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017										Calendar Year 2018										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
1) WM014 6																															
1.1) 6" Countermeasure Launch Tube																															
	3	2011	NAVY	275	275	-																		-							
	3	2012	NAVY	169	169	-																		-							
	3	2013	NAVY	172	172	-																		-							
	3	2014	NAVY	75	75	-																		-							
1.2) ADC MK3 (TORPEDO)																															
	4	2011	NAVY	125	125	-																		-							
	4	2012	NAVY	160	160	-																		-							
	4	2013	NAVY	125	125	-																		-							
	4	2014	NAVY	70	60	10	5	5																		-					
1.3) ADC MK4 (SONAR)																															
	5	2013	NAVY	35	35	-																		-							
2) WM015 3																															
2.1) NAE BEACON																															
	6	2011	NAVY	429	429	-																		-							
	6	2013	NAVY	500	500	-																		-							
	6	2014	NAVY	670	559	111	55	56																		-					
2.2) ADC MK2 MOD3/5																															
	7	2011	NAVY	354	354	-																		-							
	7	2012	NAVY	808	808	-																		-							
	7	2013	NAVY	501	501	-																		-							
	8	2014	NAVY	280	280	-																		-							
6) WM022 GAS GENERATOR MK77																															
6.1) GAS GENERATOR MK77																															
	9	2011	NAVY	243	243	-																		-							
	9	2012	NAVY	400	400	-																		-							
	9	2013	NAVY	443	443	-																		-							
	9	2014	NAVY	250	250	-																		-							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2210 - Submarine Acoustic Warfare System	Aggregated Item Name: Submarine Acoustic Warfare System

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	DYNAMIC FLOWFORM - MASSACHUSETTS	10.00	30.00	60.00	-	-	-	-	-	10	6	16
2	ULTRA - BRAINTREE, MA	16.00	24.00	48.00	-	-	-	-	7	2	12	14
3	ULTRA - BRAINTREE, MA	16.00	24.00	48.00	-	-	-	-	8	2	11	13
4	ULTRA - BRAINTREE, MA	70.00	120.00	240.00	-	-	-	-	5	3	11	14
5	ULTRA - BRAINTREE, MA	70.00	120.00	240.00	-	1	-	1	-	1	12	13
6	TBD - TBD	70.00	120.00	240.00	-	-	-	-	-	-	-	-
7	NSWC/INDIAN HEAD - NSWC INDIAN HEAD	4.00	40.00	80.00	-	-	-	-	6	5	6	11

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment							P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	128.055	1.257	10.716	11.925	-	11.925	18.263	17.135	28.615	29.062	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	128.055	1.257	10.716	11.925	-	11.925	18.263	17.135	28.615	29.062	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	128.055	1.257	10.716	11.925	-	11.925	18.263	17.135	28.615	29.062	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	0.850	2.044	-	2.044	1.953	2.055	2.061	2.276	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Surface Ship Torpedo Defense (SSTD) program provides a detect-to-engage hard kill torpedo defense capability. It is comprised of three major projects, the AN/SLQ-25 (NIXIE) system, Torpedo Warning System (TWS), and the Countermeasure Anti-Torpedo (CAT). The CAT program is with WPN. WL101 AN/SLQ-25A UPGRADE KITS Procures the upgrade to the AN/SLQ-25 (NIXIE) towed acoustic countermeasure system. The AN/SLQ-25C EC-1 enhances ship survivability against future torpedo threats. The upgrades include a more reliable power amplifier, Commercial-off-the-shelf (COTS) Signal Generator with new operational capability, a new Littoral Fiber Optic Tow Cable (LFOTC) for operations in shallow water, and enhanced EC-16 capability (details classified). The AN/SLQ-25C & EC-1 upgrades will be procured and installed on the remainder of the fleet using FY09-FY12 funds. Future enhancements to this system will provide Open Architecture, a flexible towed acoustic countermeasure, a variable speed motor controller and improved deck handling hardware to handle the new flexible countermeasure. WL102 Torpedo Warning System (TWS) Procures the Torpedo Warning System (TWS). TWS is an automated Torpedo Detection, Classification, and Localization (TDCL) system that generates warning alerts on incoming threat torpedoes as well as the Tactical Control and Ready Stow launch support for autonomous Countermeasure Anti-Torpedo (CAT) hard-kill countermeasures. The TWS consists of towed active acoustic source and receive sensors, processing cabinets and workstations, and CAT Ready Stows mounted port and starboard. Quantity of 1 TWS equals 1 shipset which includes 1 tow and 1 set of electronics. WL103 AN/SLQ-25X (TWS COMPATIBLE NIXIE SYSTEM) The solicitation for AN/SLQ-25X has been cancelled. The AN/SLQ-25X funding (WL103) moved to AN/SLQ-25C EC-2 () (WL104) as this upgrade is the effective technical solution to integrating the TWS system to the AN/SLQ-25 NIXIE System allowing simultaneous operation of both systems. WL104 AN/SLQ-25C EC-2()												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:							Other Related Program Elements:								
MDAP/MAIS Code(s): Procures upgrade kits to bring AN-SLQ25C up to the EC-2 configuration which provides upgrades to winch, open architecture transmitting cabinet and anti-tamper technology. The EC-2 upgrade will enable integration between the AN/SLQ system and the TWS system and increases the reliability and maintainability of the AN/SLQ-25 system. The upgrade will also eliminate several obsolete parts in the AN/SLQ-25C system. WL105 AN/SLQ-25C CVN BATTLE SPARE In FY10 procured 1 AN/SLQ-25C for use as a replacement end item in the event of significant damage to a fleet system. Without this spare, a ship will go unprotected in excess of one year until a replacement system can be procured. The Battle Spare will be maintained at the latest configuration baseline. WL830 PRODUCTION ENGINEERING (IN-HOUSE) Funding provides specification preparation and validation, production planning, contract deliverable monitoring, prime contractor monitoring for cost, schedule, and performance and ILS planning, review and evaluation of obsolescence issues, and coordination of government furnished information (GFI) and government furnished equipment (GFE). WL840 QUALITY ASSURANCE (IN-HOUSE) Funding under this cost code provides for quality assurance efforts including conducting quality assurance reviews of the contractor and subcontractors, documentation indicating contractor conformity to product performance requirements, and review of objective quality evidence. WL860 ACCEPTANCE TEST & ENGINEERING Funding under this cost code provides for production acceptance of contractor hardware. WL900 PRODUCTION ENGINEERING (OUT-HOUSE) Consulting services for FY12 and prior provide production monitoring, installation planning and coordination support. WL900 CONSULTING SERVICES Funding under this cost code provides for contractor support to the program office for production monitoring, installation planning and coordination support. WL905 PRODUCTION ENGINEERING CONTRACTOR Funding under this cost code provides for production engineering tasks performed by the hardware contractor. [P3A / WL104 AN-SLQ25C EC-2 (]): Procures upgrade kits and engineering changes to bring AN-SLQ25C up to the EC-2 configuration which provides upgrades to winch, open architecture transmitting cabinet and anti-tamper technology. The EC-2 upgrade will enable integration between the AN/SLQ system and the TWS system and increases the reliability and maintainability of the AN/SLQ-25 system. The upgrade will also eliminate several obsolete parts in the AN/SLQ-25C system.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Surface Ship Torpedo Def (SSTD)	P40A				13.067			0.777			2.705			3.068			-			3.068

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																	Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment												P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - WL101 AN/SLQ25A UPGRADE KITS	P3A				111.200			-			0.580			-			-			-
2 - WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE	P3A				0.000			-			-			-			-			-
3 - WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE	P3A				3.788			-			-			-			-			-
4 - WL104 AN-SLQ25C EC-2 ()	P3A				0.000			0.480			7.431			8.857			-			8.857
Total Gross/Weapon System Cost					128.055			1.257			10.716			11.925			-			11.925

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Surface Ship Torpedo Def (SSTD)	P40A				-			-			-			-			-			-
1 - WL101 AN/SLQ25A UPGRADE KITS	P3A				1.393			-			-			-			-			113.173
2 - WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE	P3A				8.830			8.454			15.398			19.218			191.311			243.211
3 - WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE	P3A				-			-			-			-			-			3.788
4 - WL104 AN-SLQ25C EC-2 ()	P3A				5.760			5.280			6.339			5.860			-			40.007
Total Gross/Weapon System Cost					18.263			17.135			28.615			29.062	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment						P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)										Aggregated Item Name: Surface Ship Torpedo Def (SSTD)				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) WL105 AN-SLQ-25C CVN BATTLE SPARE																				
1.1) HARDWARE	A		-	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) WL105 AN-SLQ-25C CVN BATTLE SPARE</i>					1.500			-			-			-			-			-
2) WL830 PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING IN- HOUSE	A		-	-	10.742	-	-	0.677	-	-	1.106	-	-	1.267	-	-	-	-	-	1.267
<i>Subtotal 2) WL830 PRODUCTION ENGINEERING</i>					10.742			0.677			1.106			1.267			-			1.267
3) WL840 QUALITY ASSURANCE (IN-HOUSE)																				
3.1) QUALITY ASSURANCE (IN- HOUSE) ⁽¹⁾	A		-	-	-	-	-	-	-	-	0.144	-	-	0.146	-	-	-	-	-	0.146
<i>Subtotal 3) WL840 QUALITY ASSURANCE (IN-HOUSE)</i>					-			-			0.144			0.146			-			0.146
4) WL860 ACCEPTANCE TEST AND ENGINEERING																				
4.1) Acceptance Test & Engineering ⁽²⁾	A		-	-	-	-	-	-	-	-	0.341	-	-	0.347	-	-	-	-	-	0.347
<i>Subtotal 4) WL860 ACCEPTANCE TEST AND ENGINEERING</i>					-			-			0.341			0.347			-			0.347
5) WL900 SERVICES																				
5.1) PRODUCTION ENGINEERING (OUT- HOUSE)	A		-	-	0.825	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
5.2) CONSULTING SERVICES	A		-	-	-	-	-	-	-	-	0.211	-	-	0.364	-	-	-	-	-	0.364
<i>Subtotal 5) WL900 SERVICES</i>					0.825			0.100			0.211			0.364			-			0.364
6) WL905 PRODUCTION ENGINEERING CONTRACTOR																				
6.1) PRODUCTION ENGINEERING CONTRACTOR	A		-	-	-	-	-	-	-	-	0.903	-	-	0.944	-	-	-	-	-	0.944

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment						P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)										Aggregated Item Name: Surface Ship Torpedo Def (SSTD)				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 6) WL905 PRODUCTION ENGINEERING CONTRACTOR					-			-			0.903			0.944			-			0.944
Total					13.067			0.777			2.705			3.068			-			3.068

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)								Aggregated Item Name: Surface Ship Torpedo Def (SSTD)				
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) WL105 AN-SLQ-25C CVN BATTLE SPARE																				
1.1) HARDWARE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) WL105 AN-SLQ-25C CVN BATTLE SPARE</i>					-			-			-			-			-			-
2) WL830 PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING IN- HOUSE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) WL830 PRODUCTION ENGINEERING</i>					-			-			-			-			-			-
3) WL840 QUALITY ASSURANCE (IN-HOUSE)																				
3.1) QUALITY ASSURANCE (IN- HOUSE) ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) WL840 QUALITY ASSURANCE (IN-HOUSE)</i>					-			-			-			-			-			-
4) WL860 ACCEPTANCE TEST AND ENGINEERING																				
4.1) Acceptance Test & Engineering ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) WL860 ACCEPTANCE TEST AND ENGINEERING</i>					-			-			-			-			-			-
5) WL900 SERVICES																				
5.1) PRODUCTION ENGINEERING (OUT- HOUSE)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) CONSULTING SERVICES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) WL900 SERVICES</i>					-			-			-			-			-			-
6) WL905 PRODUCTION ENGINEERING CONTRACTOR																				
6.1) PRODUCTION ENGINEERING CONTRACTOR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment									P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)							Aggregated Item Name: Surface Ship Torpedo Def (SSTD)				

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 6) WL905 PRODUCTION ENGINEERING CONTRACTOR					-			-			-			-			-			-
Total					-			-			-			-			-			-

Footnotes:

(1) Associated Quality Assurance (WL840) FY13 funding of \$508K moved to AN/SLQ-25C EC 2 ()(WL104) with cancellation of the AN/SLQ-25X solicitation.

(2) Associated Acceptance Testing and Engineering (WL860) FY13 funding of \$1,400K moved to AN/SLQ-25C EC 2 ()(WL104) with cancellation of the AN/SLQ-25X solicitation.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - WL101 AN/SLQ25A UPGRADE KITS				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	111.200	-	0.580	-	-	-	1.393	-	-	-	-	113.173
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	111.200	-	0.580	-	-	-	1.393	-	-	-	-	113.173
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	111.200	-	0.580	-	-	-	1.393	-	-	-	-	113.173
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: UPGRADE AN/SLQ-25 SYSTEM. Upgrade kits are EC-4/9/10/12/13/14/15/16/17.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)				Modification Nomenclature (Modification Number - Modification Title): 1 - WL101 AN/SLQ25A UPGRADE KITS				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
WL101 AN/SLQ25A UPGRADE KITS												
B Kits												
Recurring												
1.1.1) 25A MODIFICATION KITS - NonOrganic ⁽³⁾	214 / 51.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	214 / 51.700
1.1.2) OTHER (CONG PLUS-UP) - NonOrganic	- / 34.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 34.100
1.1.3) OTHER (DEC CONG PLUS-UP) - NonOrganic	- / 5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.700
Subtotal Recurring	214 / 91.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	214 / 91.500
Total, WL101 AN/SLQ25A UPGRADE KITS	214 / 91.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	214 / 91.500
Total Procurement, All Modifications	214 / 91.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	214 / 91.500
Total Procurement and Support	91.500	-	-	-	-	-	-	-	-	-	-	91.500
WL101 AN/SLQ25A UPGRADE KITS Installation Cost	- / 19.700	- / -	- / 0.580	- / -	- / -	- / -	- / 1.393	- / -	- / -	- / -	- / -	- / 21.673
Total Installation Cost	- / 19.700	- / -	- / 0.580	- / -	- / -	- / -	- / 1.393	- / -	- / -	- / -	- / -	- / 21.673
Total Cost (Procurement + Support + Installation)	111.200	-	0.580	-	-	-	1.393	-	-	-	-	113.173

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - WL101 AN/SLQ25A UPGRADE KITS											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: WL101 AN/SLQ25A UPGRADE KITS																															
Manufacturer Name: Manufacturer Name Not Provided.													Manufacturer Location: Manufacturer Location Not Provided.																		
Administrative Leadtime (<i>in Months</i>):													Production Leadtime (<i>in Months</i>):																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: WL101 AN/SLQ25A UPGRADE KITS										Method of Implementation: AIT/SHIPYARD										Installation Name: 25A MODIFICATION KITS											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		209 / 19.700		- / -		1 / 0.580		- / -		- / -		- / -		1 / 1.393		- / -		- / -		- / -		3 / 0.000		214 / 21.673							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		209 / 19.700		- / -		1 / 0.580		- / -		- / -		- / -		1 / 1.393		- / -		- / -		- / -		3 / -		214 / 21.673							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	209	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	214
Out	209	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	214
Footnotes: ⁽³⁾ Prior Year FY10 Congressional Add (WLCA03) funds totaling \$4,212K were used to install AN/SLQ-25A Upgrade Kits with \$312K of the total used in FY12 to install 1 upgrade kit on the DDG class to meet AEGIS lightoff.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE		
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.830	8.454	15.398	19.218	191.311	243.211
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.830	8.454	15.398	19.218	191.311	243.211
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.830	8.454	15.398	19.218	191.311	243.211
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [TWS EQUIPMENT] TWS system provides torpedo detection, classification and localization of threat torpedos. Subfunctional groups include the Target Acquisition Group, Tactical Control Group and the Ready Stow Group.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)					Modification Nomenclature (Modification Number - Modification Title): 2 - WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE												
B Kits												
Recurring												
1.1.1) TWS EQUIPMENT - NonOrganic ⁽⁴⁾	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.178	1 / 8.300	1 / 8.450	2 / 15.848	40 / 40.369	45 / 81.145
1.1.2) ENG CHANGE PROPOSALS ECPS - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.652	- / 0.154	- / 0.708	- / -	- / -	- / 1.514
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.830	1 / 8.454	1 / 9.158	2 / 15.848	40 / 40.369	45 / 82.659
Total, WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.830	1 / 8.454	1 / 9.158	2 / 15.848	40 / 40.369	45 / 82.659
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.830	1 / 8.454	1 / 9.158	2 / 15.848	40 / 40.369	45 / 82.659
Total Procurement and Support	-	-	-	-	-	-	8.830	8.454	9.158	15.848	40.369	82.659
WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.240	- / 3.370	- / 150.942	- / 160.552
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.240	- / 3.370	- / 150.942	- / 160.552
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	8.830	8.454	15.398	19.218	191.311	243.211

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE																							
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE																															
Manufacturer Name: TBD ⁽⁵⁾							Manufacturer Location: TBD																								
Administrative Leadtime (<i>in Months</i>): 12							Production Leadtime (<i>in Months</i>): 12																								
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates							May 2015		May 2016		May 2017		May 2018																		
Delivery Dates							Jul 2016		May 2017		May 2018		May 2019																		
Installation: WL102 TORPEDO WARNING SYSTEM (TWS) HARDWARE				Method of Implementation: AIT/SHIPYARD				Installation Name: TWS EQUIPMENT																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.120	- / -	1 / 3.120																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.120	- / -	1 / 3.120																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.370	- / -	1 / 3.370																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.861	2 / 6.861																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 144.081	40 / 144.081																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.240	1 / 3.370	42 / 150.942																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	42	45
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	42	45
Footnotes: ⁽⁴⁾ TWS system provides torpedo detection, classification and localization of threat torpedos. Subfunctional groups include the Target Acquisition Group, Tactical Control Group and the Ready Stow Group. ⁽⁵⁾ For FY15 the Production Leadtime is 14 months since first production unit; FY16 and out is 12 months Production Lead Time																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE		
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.788	-	-	-	-	-	-	-	-	-	-	3.788
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.788	-	-	-	-	-	-	-	-	-	-	3.788
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.788	-	-	-	-	-	-	-	-	-	-	3.788
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Formerly identified as AN/SLQ-25D; The solicitation for AN/SLQ-25X has been cancelled. The AN/SLQ-25X funding (WL103) and associated Quality Assurance (WL840) and Acceptance Testing and Engineering (WL860) moved to AN/SLQ-25C EC 2 () (WL104) as this upgrade is the effective solution to integrating the TWS system to the AN/SLQ-25 NIXIE System allowing simultaneous operation of both systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)					Modification Nomenclature (Modification Number - Modification Title): 3 - WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE													
B Kits													
Recurring													
1.1.2) FY10 CONG ADD (WLCA3) - NonOrganic	1 / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.200	
1.1.3) WLCA3 PROD ENG & INT TEST - Organic	- / 1.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.588	
Subtotal Recurring	1 / 3.788	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.788	
Total, WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE	1 / 3.788	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.788	
Total Procurement, All Modifications	1 / 3.788	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.788	
Total Procurement and Support	3.788	-	-	-	-	-	-	-	-	-	-	3.788	
WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	3.788	-	-	-	-	-	-	-	-	-	-	3.788	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE																							
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE																															
Manufacturer Name: Manufacturer Name Not Provided.								Manufacturer Location: Manufacturer Location Not Provided.																							
Administrative Leadtime (<i>in Months</i>):								Production Leadtime (<i>in Months</i>):																							
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates																															
Delivery Dates																															
Installation: WL103 AN/SLQ-25X (TWS COMPATIBLE SYSTEM) HARDWARE				Method of Implementation: [none specified]				Installation Name: FY10 CONG ADD (WLCA3)																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	1 / 0.000																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	1 / -																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment			P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)					Modification Nomenclature (Modification Number - Modification Title): 4 - WL104 AN-SLQ25C EC-2 ()				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.480	7.431	8.857	-	8.857	5.760	5.280	6.339	5.860	-	40.007
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.480	7.431	8.857	-	8.857	5.760	5.280	6.339	5.860	-	40.007
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.480	7.431	8.857	-	8.857	5.760	5.280	6.339	5.860	-	40.007
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Procures upgrade kits and engineering changes to bring AN-SLQ25C up to the EC-2 configuration which provides upgrades to winch, open architecture transmitting cabinet and anti-tamper technology. The EC-2 upgrade will enable integration between the AN/SLQ system and the TWS system and increases the reliability and maintainability of the AN/SLQ-25 system. The upgrade will also eliminate several obsolete parts in the AN/SLQ-25C system. The AN/SLQ-25X funding (WL103) and associated Quality Assurance (WL840) and Acceptance Testing and Engineering (WL860) moved to AN/SLQ-25C EC 2 () (WL104) as this upgrade is the effective solution to integrating the TWS system to the AN/SLQ-25 NIXIE System allowing simultaneous operation of both systems. Note: In FY14 and FY15 various hardware being procured to support the 25C EC configuration for the 25C winch and electronics cabinet.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)					Modification Nomenclature (Modification Number - Modification Title): 4 - WL104 AN-SLQ25C EC-2 ()				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
WL104 AN-SLQ25C EC-2 ()													
B Kits													
Recurring													
1.1.1) 25C EC2 EQUIPMENT - NonOrganic	- / -	1 / 0.480	4 / 1.920	- / -	- / -	- / -	- / -	2 / 0.960	2 / 0.960	2 / 0.960	46 / -	57 / 5.280	
1.1.2) AN-SLQ25C EC-2 () ENGINEERING CHANGE - Organic	- / -	- / -	- / 5.360	- / 8.256	- / -	- / 8.256	- / 5.760	- / 4.320	- / 4.320	- / 3.840	- / -	- / 31.856	
Subtotal Recurring	- / -	1 / 0.480	4 / 7.280	- / 8.256	- / -	- / 8.256	- / 5.760	2 / 5.280	2 / 5.280	2 / 4.800	46 / -	57 / 37.136	
Total, WL104 AN-SLQ25C EC-2 ()	- / -	1 / 0.480	4 / 7.280	- / 8.256	- / -	- / 8.256	- / 5.760	2 / 5.280	2 / 5.280	2 / 4.800	46 / -	57 / 37.136	
Total Procurement, All Modifications	- / -	1 / 0.480	4 / 7.280	- / 8.256	- / -	- / 8.256	- / 5.760	2 / 5.280	2 / 5.280	2 / 4.800	46 / -	57 / 37.136	
Total Procurement and Support	-	0.480	7.280	8.256	-	8.256	5.760	5.280	5.280	4.800	-	37.136	
WL104 AN-SLQ25C EC-2 () Installation Cost	- / 0.000	- / -	- / 0.151	- / 0.601	- / -	- / 0.601	- / -	- / -	- / 1.059	- / 1.060	- / -	- / 2.871	
Total Installation Cost	- / 0.000	- / -	- / 0.151	- / 0.601	- / -	- / 0.601	- / -	- / -	- / 1.059	- / 1.060	- / -	- / 2.871	
Total Cost (Procurement + Support + Installation)	0.000	0.480	7.431	8.857	-	8.857	5.760	5.280	6.339	5.860	-	40.007	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2213 - Surface Ship Torpedo Def (SSTD)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - WL104 AN-SLQ25C EC-2 ()											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: WL104 AN-SLQ25C EC-2 ()																															
Manufacturer Name: Argon ⁽⁶⁾															Manufacturer Location: Union Town, PA																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 14																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates					Jan 2012			Jan 2013																							
Delivery Dates					Mar 2013			Mar 2014																							
Installation: WL104 AN-SLQ25C EC-2 ()										Method of Implementation: AIT/Shipyard										Installation Name: 25C EC2 EQUIPMENT											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	1 / 0.151	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.151																		
FY 2013		- / -	- / -	- / -	4 / 0.601	- / -	4 / 0.601	- / -	- / -	- / -	- / -	- / -	4 / 0.601																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.059	- / -	- / -	2 / 1.059																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.060	- / -	2 / 1.060																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	- / -	2 / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / -	46 / -																		
Total		- / -	- / -	1 / 0.151	4 / 0.601	- / -	4 / 0.601	- / -	- / -	2 / 1.059	4 / 1.060	46 / -	57 / 2.871																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	1	-	-	2	-	2	-	-	-	-	-	-	-	-	2	-	-	-	4	-	-	46	57	
Out	-	-	-	-	-	-	-	1	-	-	2	-	2	-	-	-	-	-	-	-	-	2	-	-	-	4	-	-	46	57	
Footnotes: ⁽⁶⁾ Administrative lead time is 6-9 months;																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment							P-1 Line Item Nomenclature: 2225 - Fixed Surveillance System						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	688.606	60.141	98.896	94.338	-	94.338	174.806	151.289	154.826	89.933	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	688.606	60.141	98.896	94.338	-	94.338	174.806	151.289	154.826	89.933	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	688.606	60.141	98.896	94.338	-	94.338	174.806	151.289	154.826	89.933	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 Additional details with respect to this line item are held at a higher classification. This line item is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

[P40A / Classified (2225)]: Additional details with respect to this line item are held at a higher classification. This line item is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

[P40A / Classified (222506)]: Additional details with respect to this line item are held at a higher classification. This line item is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Fixed Surveillance System	P40A				688.606			60.141			98.896			94.338			-			94.338
Total Gross/Weapon System Cost					688.606			60.141			98.896			94.338			-			94.338

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2225 - Fixed Surveillance System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification:		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2225 - Fixed Surveillance System							Aggregated Item Name: Fixed Surveillance System					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Fixed Surveillance System																				
1) Classified (2225)	A		-	-	642.708	-	-	53.747	-	-	92.390	-	-	87.715	-	-	-	-	-	87.715
2) Classified (222506)	A		-	-	45.898	-	-	6.394	-	-	6.506	-	-	6.623	-	-	-	-	-	6.623
Total					688.606			60.141			98.896			94.338			-			94.338

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204311N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	91.445	25.547	2.774	9.680	-	9.680	10.004	8.843	3.297	11.137	3.200	165.927
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	91.445	25.547	2.774	9.680	-	9.680	10.004	8.843	3.297	11.137	3.200	165.927
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	91.445	25.547	2.774	9.680	-	9.680	10.004	8.843	3.297	11.137	3.200	165.927
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	0.512	0.638	0.013	-	0.013	0.531	0.274	0.033	0.037	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

PROGRAM COVERAGE: Surveillance Towed Array Sensor System (SURTASS) is the mobile, tactical and strategic arm of the Navy's undersea surveillance capability that provides deep ocean and littoral acoustic detection and cueing for tactical weapon platforms against diesel and nuclear submarines as well as surface vessels in any given Area of Operations worldwide. Dedicated ASW T-AGOS ships tow long acoustic arrays that collect acoustic data and relay that data to shore facilities via SHF satellites for processing and fusion of the resulting contact data with other sensors. Currently, there are five T-AGOS ships operating in the Pacific area. Ship configurations are:

(1) One T-AGOS Small Waterplane Area Twin Hull (SWATH) ship T-AGOS USNS LOYAL, supporting passive operations using the TB-29A Twinline (TL-29A) array, providing improved detection and classification capability. This ship class uses the Integrated Common Processor (ICP) signal processing and display system common with the SSN Sonar Processing System, which was installed in 4QFY12;

(2) One Low Frequency Active (LFA) equipped ship, T-AGOS 23 USNS IMPECCABLE, the first "large" SWATH, is configured with the ICP Processing and Display system, the TL-29A array, and the Low Frequency Active (LFA) transmit capability. The active capability provides greatly improved detection against diesel submarines as well as the quiet nuclear submarine threat;

(3) Three T-AGOS SWATH-P platforms, T-AGOS 20 USNS ABLE, T-AGOS 21 USNS EFFECTIVE, and T-AGOS 19 USNS VICTORIOUS, supporting passive/active operations, configured with the TL-29A array, the ICP processing and display system, and the Compact Low Frequency Active (CLFA) transmit capability. USNS ABLE is outfitted with the RDT&E,N CLFA Engineering Development Model (EDM) capability installed as part of her reactivation. USNS EFFECTIVE is outfitted with the first production CLFA capability, installed in FY11. USNS VICTORIOUS is outfitted with the second production CLFA capability, installed in 3QFY12, completing the planned production effort. The initial RDT&E EDM system began its testing in FY08 and continued into FY12. Two production systems were procured under this line item - one in FY09 and one in FY10.

In addition to the five platforms described above, two shore sites are configured with the ICP processing and display suites to receive the T-AGOS acoustic data via SHF satellite communication links. Major upgrades to the ship platforms include TB-29A Twinline Arrays, the ICP signal processing and display upgrade that provides improved ship and shore processing in support of the TB-29A twinline arrays and active processing, and Communication C4I upgrades.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy												Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment												P-1 Line Item Nomenclature: 2237 - SURTASS							
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0204311N							

MDAP/MAIS Code(s):

A cost sharing agreement with Japan also provides a shore site and two Japanese SWATH ships with similar capability to the T-AGOS SWATH ships for the Western Pacific region. Japanese Auxiliary Ocean Surveillance (JAOS) ships were upgraded with Twinline A180R passive receive arrays in FY04, and were updated with the ICP in FY09.

[P3A / VG006 - Compact Low Frequency Active]: VG006

Upgrade Procurement - Integrated Common Processor (ICP) signal processing and display upgrade for SURTASS platforms, ICP signal processing and display upgrade for J-AOS, twinline arrays, twinline array support equipment, ICP Shore OPS and Maintenance trainers at NOPF Dam Neck, VA and NOPF WI, WA, SURTASS Team Trainers, Configuration Control Model (CCM) Tech Refresh systems, and Engineering Measurements Program (EMP) Tech Refresh Systems.

[P3A / VG007 - Field Changes/Modifications]: VG007

Field Changes/Modifications - Provide for correction of deficiencies identified by Fleet use, array support equipment, communications equipment, and replacement of aging/unsupportable equipment.

VG776

Installation of Equipment - Installation Agents: SSC LANT, SSC PAC, Military Sealift Command, Lockheed Martin, and General Dynamics.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - VG006 - Compact Low Frequency Active	P3A				44.600			-			-			-			-			-
2 - VG006 - Integrated Common Processor	P3A				2.510			9.450			1.645			7.800			-			7.800
3 - VG006 - TB-29 Twinline Arrays	P3A				36.587			8.100			-			-			-			-
4 - VG006 - SURTASS Team Trainer	P3A				0.000			2.000			-			-			-			-
5 - VG006 - ICP Training Device	P3A				0.000			5.100			-			0.731			-			0.731
6 - VG007 - Field Changes/Modifications	P3A				7.748			0.897			1.129			1.149			-			1.149
Total Gross/Weapon System Cost					91.445			25.547			2.774			9.680			-			9.680

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - VG006 - Compact Low Frequency Active	P3A				-			-			-			-			-			44.600

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204311N

MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2 - VG006 - Integrated Common Processor	P3A				8.900			7.700			2.200			8.600			3.200			52.005
3 - VG006 - TB-29 Twinline Arrays	P3A				-			-			-			-			-			44.687
4 - VG006 - SURTASS Team Trainer	P3A				-			-			-			-			-			2.000
5 - VG006 - ICP Training Device	P3A				-			-			-			-			-			5.831
6 - VG007 - Field Changes/ Modifications	P3A				1.104			1.143			1.097			2.537			-			16.804
Total Gross/Weapon System Cost					10.004			8.843			3.297			11.137			3.200			165.927

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VG006 - Compact Low Frequency Active			
Models of Systems Affected: Compact Low Frequency Active			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204311N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	44.600	-	-	-	-	-	-	-	-	-	-	44.600
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	44.600	-	-	-	-	-	-	-	-	-	-	44.600
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	44.600	-	-	-	-	-	-	-	-	-	-	44.600
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Compact Low Frequency Active (CLFA) system provides active capability for the TAGOS small SWATH platforms. The Low Frequency Active system on the Large SWATH T-23 consists of 18 source modules (4,300 lbs. each), a curved tracked handling system (130,000 lbs.) and 18 inboard Power Amplifiers (2,300 lbs each). The newer CLFA system, which allows better detection of the quiet diesel submarines, utilizes current technology with lighter weight and smaller components at a total weight of approximately one-half of the existing LFA technology. Production systems were procured in FY09 and FY10 following successful demonstration of EDM capabilities.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VG006 - Compact Low Frequency Active			

Models of Systems Affected: Compact Low Frequency Active			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204311N				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VG006 - Compact Low Frequency Active												
B Kits												
Recurring												
1.1.1) Compact Low Frequency Active - NonOrganic ⁽¹⁾	2 / 32.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 32.400
<i>Subtotal Recurring</i>	2 / 32.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 32.400
<i>Total, VG006 - Compact Low Frequency Active</i>	2 / 32.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 32.400
Total Procurement, All Modifications	2 / 32.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 32.400
Total Procurement and Support	32.400	-	-	-	-	-	-	-	-	-	-	32.400
VG006 - Compact Low Frequency Active Installation Cost	- / 12.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.200
Total Installation Cost	- / 12.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.200
Total Cost (Procurement + Support + Installation)	44.600	-	-	-	-	-	-	-	-	-	-	44.600

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2237 - SURTASS								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VG006 - Compact Low Frequency Active															
Models of Systems Affected: Compact Low Frequency Active								Type Modification: [No Modification Type Specified]								Related RDT&E PEs: 0204311N															
Manufacturer Information: VG006 - Compact Low Frequency Active																															
Manufacturer Name: BAE Systems, LP ⁽²⁾												Manufacturer Location: Nashua, NH																			
Administrative Leadtime (<i>in Months</i>): 3												Production Leadtime (<i>in Months</i>): 15																			
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates																															
Delivery Dates																															
Installation: VG006 - Compact Low Frequency Active								Method of Implementation: AIT (Alteration Installation Team)								Installation Name: Compact Low Frequency Active															
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		2 / 12.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 12.200																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		2 / 12.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 12.200																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Footnotes: (1) The Compact Low Frequency Active (CLFA) system will provide active capability for the TAGOS small SWATH platforms. The current Low Frequency Active system on the Large SWATH T-23 consists of 18 source modules (4,300 lbs. each), a curved tracked handling system (130,000 lbs.) and 18 inboard Power Amplifiers (2,300 lbs each). This new CLFA system, which allows better detection of the quiet																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VG006 - Compact Low Frequency Active
Models of Systems Affected: Compact Low Frequency Active	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0204311N
diesel submarines, utilizes current technology with lighter weight and smaller components at a total weight of approximately one-half of the existing LFA technology. Production systems were procured in FY09 and FY10 following successful demonstration of EDM capabilities. Installation Remarks: Installation includes funds to convert T-AGOS platform to support CLFA system, including hull penetration to support centerwell. These modifications must be accomplished prior to delivery of the CLFA System. ⁽²⁾ N/A FY12-FY18; only installed Prior Year equipment in FY11, install completing in 2QFY12, no current budget year contracts		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VG006 - Integrated Common Processor				
Models of Systems Affected: Integrated Common Processor			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204311N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2.510	9.450	1.645	7.800	-	7.800	8.900	7.700	2.200	8.600	3.200	52.005
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2.510	9.450	1.645	7.800	-	7.800	8.900	7.700	2.200	8.600	3.200	52.005
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2.510	9.450	1.645	7.800	-	7.800	8.900	7.700	2.200	8.600	3.200	52.005
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: FY 12 procured ship sets for the SURTASS Program and associated shore processing. FY14 begins cyclical ICP Tech Refresh of hardware. FY15 procures J-AOS Tech Refresh hardware. NOTE: ICP system configuration varies from ship to ship depending upon the type of ship arrays used (passive only, or passive and active). Accordingly, the procurement and installation costs will vary from one platform to another, depending on the configuration and the ship.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VG006 - Integrated Common Processor				

Models of Systems Affected: Integrated Common Processor			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204311N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VG006 - Integrated Common Processor												
B Kits												
Recurring												
1.1.1) Integrated Common Processor - NonOrganic ⁽³⁾	3 / 2.021	4 / 8.700	- / -	6 / 7.800	- / -	6 / 7.800	5 / 6.000	5 / 7.700	- / -	6 / 8.600	- / -	29 / 40.821
<i>Subtotal Recurring</i>	3 / 2.021	4 / 8.700	- / -	6 / 7.800	- / -	6 / 7.800	5 / 6.000	5 / 7.700	- / -	6 / 8.600	- / -	29 / 40.821
<i>Total, VG006 - Integrated Common Processor</i>	3 / 2.021	4 / 8.700	- / -	6 / 7.800	- / -	6 / 7.800	5 / 6.000	5 / 7.700	- / -	6 / 8.600	- / -	29 / 40.821
<i>Total Procurement, All Modifications</i>	3 / 2.021	4 / 8.700	- / -	6 / 7.800	- / -	6 / 7.800	5 / 6.000	5 / 7.700	- / -	6 / 8.600	- / -	29 / 40.821
<i>Total Procurement and Support</i>	2.021	8.700	-	7.800	-	7.800	6.000	7.700	-	8.600	-	40.821
VG006 - Integrated Common Processor Installation Cost	- / 0.489	- / 0.750	- / 1.645	- / -	- / -	- / -	- / 2.900	- / -	- / 2.200	- / -	- / 3.200	- / 11.184
<i>Total Installation Cost</i>	- / 0.489	- / 0.750	- / 1.645	- / -	- / -	- / -	- / 2.900	- / -	- / 2.200	- / -	- / 3.200	- / 11.184
Total Cost (Procurement + Support + Installation)	2.510	9.450	1.645	7.800	-	7.800	8.900	7.700	2.200	8.600	3.200	52.005

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VG006 - Integrated Common Processor				
Models of Systems Affected: Integrated Common Processor			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204311N					
Manufacturer Information: VG006 - Integrated Common Processor												
Manufacturer Name: Lockheed Martin ⁽⁴⁾							Manufacturer Location: VA					
Administrative Leadtime (<i>in Months</i>): 2							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018					
Delivery Dates	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018	Jan 2019					
Manufacturer Name: Various							Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 2							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018					
Delivery Dates	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018	Jan 2019					
Installation: VG006 - Integrated Common Processor				Method of Implementation: AIT (Alteration Installation Team)				Installation Name: Integrated Common Processor				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 0.489	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.239
FY 2012	- / -	1 / -	3 / 1.645	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.645
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.900	- / -	- / -	- / -	- / -	6 / 2.900
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / -	- / -	- / -	- / -	5 / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.200	- / -	- / -	5 / 2.200
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.200	6 / 3.200
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.489	2 / 0.750	3 / 1.645	- / -	- / -	- / -	6 / 2.900	5 / -	5 / 2.200	- / -	6 / 3.200	29 / 11.184

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VG006 - Integrated Common Processor
Models of Systems Affected: Integrated Common Processor	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0204311N

Installation: VG006 - Integrated Common Processor	Method of Implementation: AIT (Alteration Installation Team)	Installation Name: Integrated Common Processor

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	1	-	2	1	2	-	-	-	-	-	-	1	-	3	2	-	-	-	5	1	-	3	1	-	-	-	-	6	29
Out	1	-	1	-	2	1	1	1	-	-	-	-	-	1	-	3	2	-	-	-	5	1	-	3	1	-	-	-	-	6	29

Footnotes:

⁽³⁾ FY12 funding procured ship sets for the SURTASS Program and associated shore processing. FY14 funding begins cyclical ICP Tech Refresh of hardware. FY15 funding procures J-AOS Tech Refresh hardware. NOTE: ICP system configuration varies from ship to ship depending upon the type of arrays used (passive only, or passive and active). Accordingly, the procurement and installation costs will vary from one platform to another, depending on the configuration and the ship. Installation Remarks: Installation schedules are subject to change based on ship availability. FY15 procurement associated with FMS program. Installation costs to be funded by FMS program

⁽⁴⁾ Production lead time for 1st FY14 and 1st FY16 systems is 10 months due to installation in place at Original Equipment Manufacturer (OEM) to support system test and troubleshooting. Other systems require overseas shipments for OCONUS installs.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VG006 - TB-29 Twinline Arrays			
Models of Systems Affected: TB-29 Twinline Arrays			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204311N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	36.587	8.100	-	-	-	-	-	-	-	-	-	44.687
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	36.587	8.100	-	-	-	-	-	-	-	-	-	44.687
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	36.587	8.100	-	-	-	-	-	-	-	-	-	44.687
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The TB-29A Twinline is a shallow water variant of the common array produced by NAVSEA. The array consists of 2 shorter array lengths and is designed for increased surveillance capability in high clutter environments and littoral areas. Six TB-29A Twinline arrays were delivered FY02 - FY07. In FY09, an additional array was procured by converting two TB-29A arrays into one TL-29A array which was delivered in 3QFY10 and was installed at no cost in FY11. Support equipment procurement is for ancillary test sets, array headline and roll control systems and array module modifications and testing. In FY12, an additional TL-29A array was procured for delivery in 2QFY14. Installation funding is not required for the support equipment.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VG006 - TB-29 Twinline Arrays				

Models of Systems Affected: TB-29 Twinline Arrays			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204311N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VG006 - TB-29 Twinline Arrays												
B Kits												
Recurring												
1.1.1) TB-29 Twinline Arrays - NonOrganic ⁽⁵⁾	7 / 35.687	1 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 43.787
<i>Subtotal Recurring</i>	7 / 35.687	1 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 43.787
<i>Total, VG006 - TB-29 Twinline Arrays</i>	7 / 35.687	1 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 43.787
<i>Total Procurement, All Modifications</i>	7 / 35.687	1 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 43.787
<i>Total Procurement and Support</i>	35.687	8.100	-	-	-	-	-	-	-	-	-	43.787
VG006 - TB-29 Twinline Arrays Installation Cost	- / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.900
<i>Total Installation Cost</i>	- / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.900
Total Cost (Procurement + Support + Installation)	36.587	8.100	-	-	-	-	-	-	-	-	-	44.687

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2237 - SURTASS										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VG006 - TB-29 Twinline Arrays											
Models of Systems Affected: TB-29 Twinline Arrays										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204311N											
Manufacturer Information: VG006 - TB-29 Twinline Arrays																															
Manufacturer Name: Lockheed Martin														Manufacturer Location: Syracuse, NY																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 23																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012																													
Delivery Dates		Jan 2014																													
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 23																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012																													
Delivery Dates		Jan 2014																													
Installation: VG006 - TB-29 Twinline Arrays														Method of Implementation: AIT (Alteration Installation Team)										Installation Name: TB-29 Twinline Arrays							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		7 / 0.900		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.900							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / -		1 / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		7 / 0.900		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / -		8 / 0.900							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8
Out	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VG006 - TB-29 Twinline Arrays
Models of Systems Affected: TB-29 Twinline Arrays	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0204311N
Footnotes: (5) The TB-29A Twinline is a shallow water variant of the common array produced by NAVSEA. The array consists of 2 shorter array lengths and is designed for increased surveillance capability in high clutter environments and littoral areas. Six TB-29A Twinline arrays were delivered FY02 - FY07. In FY09, an additional array was procured by converting two TB-29A arrays into one TL-29A array which was delivered in 3QFY10 and was installed at no cost in FY11. In FY12, an additional TL-29A array was procured for delivery in 2QFY14. Support equipment procurement is for ancillary test sets, array headline and roll control systems and array module modifications and testing. Installation funding is not required for the support equipment. Installation Remarks: Installation only occurs on 5 platforms. FY12 array will NOT be installed; it will be a ready asset in theater as of 2QFY14. Historically, an array is lost or severely damaged every 18 months. Last array was lost Sept 06; last array severely damaged was Jul 11. Without a ready asset in theater, if an array is lost or damaged, a SURTASS ship cannot deploy and execute its mission.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VG006 - SURTASS Team Trainer				
Models of Systems Affected: SURTASS Team Trainer			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	2.000	-	-	-	-	-	-	-	-	-	2.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	2.000	-	-	-	-	-	-	-	-	-	2.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	2.000	-	-	-	-	-	-	-	-	-	2.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Team Trainer will provide SURTASS crews with a second high fidelity synthetic and live playback training capability to support Home Port Training Periods (HPTP) and Pre-Deployment Certification Periods (PDCP).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (Modification Number - Modification Title): 4 - VG006 - SURTASS Team Trainer				
Models of Systems Affected: SURTASS Team Trainer			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VG006 - SURTASS Team Trainer													
B Kits													
Recurring													
1.1.1) SURTASS Team Trainer - NonOrganic ⁽⁶⁾	- / -	1 / 1.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.751	
Subtotal Recurring	- / -	1 / 1.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.751	
Total, VG006 - SURTASS Team Trainer	- / -	1 / 1.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.751	
Total Procurement, All Modifications	- / -	1 / 1.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.751	
Total Procurement and Support	-	1.751	-	-	-	-	-	-	-	-	-	1.751	
VG006 - SURTASS Team Trainer Installation Cost	- / 0.000	- / 0.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.249	
Total Installation Cost	- / 0.000	- / 0.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.249	
Total Cost (Procurement + Support + Installation)	0.000	2.000	-	-	-	-	-	-	-	-	-	2.000	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2237 - SURTASS		Modification Nomenclature (Modification Number - Modification Title): 4 - VG006 - SURTASS Team Trainer	
Models of Systems Affected: SURTASS Team Trainer		Type Modification: [No Modification Type Specified]			

Manufacturer Information: VG006 - SURTASS Team Trainer							
Manufacturer Name: NSWC CD				Manufacturer Location: BETHESDA, MD			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 14			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012						
Delivery Dates	May 2013						
Manufacturer Name: Lockheed Martin				Manufacturer Location: VA			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 14			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012						
Delivery Dates	May 2013						

Installation: VG006 - SURTASS Team Trainer				Method of Implementation: AIT (Alteration Installation Team)				Installation Name: SURTASS Team Trainer				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	1 / 0.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.249
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	1 / 0.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.249

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013																													
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2237 - SURTASS																													
		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VG006 - SURTASS Team Trainer																													
Models of Systems Affected: SURTASS Team Trainer		Type Modification: [No Modification Type Specified]																													
		Related RDT&E PEs:																													
Installation: VG006 - SURTASS Team Trainer		Method of Implementation: AIT (Alteration Installation Team)																													
		Installation Name: SURTASS Team Trainer																													
Installation Schedule																															
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Footnotes: (6) The Team Trainer will provide SURTASS crews with a second high fidelity synthetic and live playback training capability to support Home Port Training Periods (HPTP) and Pre-Deployment Certification Periods (PDCP).																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - VG006 - ICP Training Device			
Models of Systems Affected: ICP Training Device			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	5.100	-	0.731	-	0.731	-	-	-	-	-	5.831
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	5.100	-	0.731	-	0.731	-	-	-	-	-	5.831
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	5.100	-	0.731	-	0.731	-	-	-	-	-	5.831
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procurement of ICP Trainer for IUSS School House.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - VG006 - ICP Training Device				

Models of Systems Affected: ICP Training Device			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VG006 - ICP Training Device												
B Kits												
Recurring												
1.1.1) ICP Training Device - NonOrganic ⁽⁷⁾	- / -	2 / 4.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.600
<i>Subtotal Recurring</i>	- / -	2 / 4.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.600
<i>Total, VG006 - ICP Training Device</i>	- / -	2 / 4.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.600
Total Procurement, All Modifications	- / -	2 / 4.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.600
Total Procurement and Support	-	4.600	-	-	-	-	-	-	-	-	-	4.600
VG006 - ICP Training Device Installation Cost	- / 0.000	- / 0.500	- / -	- / 0.731	- / -	- / 0.731	- / -	- / -	- / -	- / -	- / -	- / 1.231
<i>Total Installation Cost</i>	- / 0.000	- / 0.500	- / -	- / 0.731	- / -	- / 0.731	- / -	- / -	- / -	- / -	- / -	- / 1.231
Total Cost (Procurement + Support + Installation)	0.000	5.100	-	0.731	-	0.731	-	-	-	-	-	5.831

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2237 - SURTASS										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - VG006 - ICP Training Device									
Models of Systems Affected: ICP Training Device					Type Modification: [No Modification Type Specified]										Related RDT&E PEs:														
Manufacturer Information: VG006 - ICP Training Device																													
Manufacturer Name: NSWC CD													Manufacturer Location: BETHESDA, MD																
Administrative Leadtime (<i>in Months</i>): 2													Production Leadtime (<i>in Months</i>): 19																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018									
Contract Dates		Jan 2012																											
Delivery Dates		Aug 2013																											
Manufacturer Name: Various													Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 2													Production Leadtime (<i>in Months</i>): 19																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018									
Contract Dates		Jan 2012																											
Delivery Dates		Aug 2013																											

Installation: VG006 - ICP Training Device					Method of Implementation: AIT (Alteration Installation Team)					Installation Name: ICP Training Device				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total		
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>		
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2012	- / -	1 / 0.500	- / -	1 / 0.731	- / -	1 / 0.731	- / -	- / -	- / -	- / -	- / -	2 / 1.231		
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
Total	- / -	1 / 0.500	- / -	1 / 0.731	- / -	1 / 0.731	- / -	- / -	- / -	- / -	- / -	2 / 1.231		

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2			
Out	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2237 - SURTASS	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - VG006 - ICP Training Device
Models of Systems Affected: ICP Training Device	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Footnotes: (7) Procurement of two ICP Trainers for IUSS School House.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VG007 - Field Changes/Modifications		
Models of Systems Affected: Field Changes/ Modifications				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	7.748	0.897	1.129	1.149	-	1.149	1.104	1.143	1.097	2.537	-	16.804
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	7.748	0.897	1.129	1.149	-	1.149	1.104	1.143	1.097	2.537	-	16.804
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	7.748	0.897	1.129	1.149	-	1.149	1.104	1.143	1.097	2.537	-	16.804
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Field Changes/Modifications for correction of deficiencies identified by Fleet use, array support, communications equipment and replacement of aging/unsupportable equipment.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS					Modification Nomenclature (Modification Number - Modification Title): 6 - VG007 - Field Changes/Modifications			
Models of Systems Affected: Field Changes/ Modifications			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VG007 - Field Changes/Modifications												
B Kits												
Recurring												
1.1.1) Field Changes/Modifications - NonOrganic ⁽⁸⁾	43 / 5.204	5 / 0.512	5 / 0.765	5 / 0.802	- / -	5 / 0.802	5 / 0.753	5 / 0.755	5 / 0.701	5 / 1.751	- / -	78 / 11.243
Subtotal Recurring	43 / 5.204	5 / 0.512	5 / 0.765	5 / 0.802	- / -	5 / 0.802	5 / 0.753	5 / 0.755	5 / 0.701	5 / 1.751	- / -	78 / 11.243
Total, VG007 - Field Changes/Modifications	43 / 5.204	5 / 0.512	5 / 0.765	5 / 0.802	- / -	5 / 0.802	5 / 0.753	5 / 0.755	5 / 0.701	5 / 1.751	- / -	78 / 11.243
Total Procurement, All Modifications	43 / 5.204	5 / 0.512	5 / 0.765	5 / 0.802	- / -	5 / 0.802	5 / 0.753	5 / 0.755	5 / 0.701	5 / 1.751	- / -	78 / 11.243
Total Procurement and Support	5.204	0.512	0.765	0.802	-	0.802	0.753	0.755	0.701	1.751	-	11.243
VG007 - Field Changes/Modifications Installation Cost	- / 2.544	- / 0.385	- / 0.364	- / 0.347	- / -	- / 0.347	- / 0.351	- / 0.388	- / 0.396	- / 0.786	- / -	- / 5.561
Total Installation Cost	- / 2.544	- / 0.385	- / 0.364	- / 0.347	- / -	- / 0.347	- / 0.351	- / 0.388	- / 0.396	- / 0.786	- / -	- / 5.561
Total Cost (Procurement + Support + Installation)	7.748	0.897	1.129	1.149	-	1.149	1.104	1.143	1.097	2.537	-	16.804

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VG007 - Field Changes/Modifications				
Models of Systems Affected: Field Changes/ Modifications			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Manufacturer Information: VG007 - Field Changes/Modifications												
Manufacturer Name: SSC PAC						Manufacturer Location: San Diego, CA						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 10						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2016					
Delivery Dates	Aug 2012	Aug 2013	Aug 2014	Aug 2015	Aug 2016	Aug 2017	Aug 2018					
Manufacturer Name: SSC LANT						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 10						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates	Aug 2012	Aug 2013	Aug 2014	Aug 2015	Aug 2016	Aug 2017	Aug 2018					
Manufacturer Name: Lockheed Martin						Manufacturer Location: VA						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 10						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates	Aug 2012	Aug 2013	Aug 2014	Aug 2015	Aug 2016	Aug 2017	Aug 2018					
Installation: VG007 - Field Changes/Modifications												
Method of Implementation: AIT (Alteration Installation Team)				Installation Name: Field Changes/Modifications								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	43 / 2.544	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 2.544
FY 2012	- / -	5 / 0.385	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.385
FY 2013	- / -	- / -	5 / 0.364	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.364
FY 2014	- / -	- / -	- / -	5 / 0.347	- / -	5 / 0.347	- / -	- / -	- / -	- / -	- / -	5 / 0.347
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.351	- / -	- / -	- / -	- / -	5 / 0.351
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.388	- / -	- / -	- / -	5 / 0.388
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.396	- / -	- / -	5 / 0.396
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.786	- / -	5 / 0.786
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment			P-1 Line Item Nomenclature: 2237 - SURTASS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VG007 - Field Changes/Modifications
Models of Systems Affected: Field Changes/Modifications		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		

Installation: VG007 - Field Changes/Modifications				Method of Implementation: AIT (Alteration Installation Team)				Installation Name: Field Changes/Modifications				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total	43 / 2.544	5 / 0.385	5 / 0.364	5 / 0.347	- / -	5 / 0.347	5 / 0.351	5 / 0.388	5 / 0.396	5 / 0.786	- / -	78 / 5.561

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	43	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	78
Out	43	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	78

Footnotes:

⁽⁸⁾ Field Changes/Modifications for correction of deficiencies identified by Fleet use, array support, communications equipment and replacement of aging/unsupportable equipment.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements: 0604231N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	15.186	11.926	18.428	18.130	-	18.130	18.298	17.712	18.262	18.585	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	15.186	11.926	18.428	18.130	-	18.130	18.298	17.712	18.262	18.585	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	15.186	11.926	18.428	18.130	-	18.130	18.298	17.712	18.262	18.585	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.061	0.717	0.983	-	0.983	0.911	0.859	0.814	1.844	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Maritime Patrol & Reconnaissance Force (MPRF) Mission Support Systems: MPRF Mission Support Systems provide the MPRF commanders with the capability to plan, direct, control and evaluate the tactical operations of MPRF and other assigned units within their respective area of responsibility. These operations include littoral, open ocean, and over land all sensor (e.g., Electro Optical (EO), Infrared (IR), Inverse Synthetic-Aperture Radar (ISAR)) surveillance, anti-surface warfare, over-the-horizon targeting, counter-drug operations, power projection, antisubmarine warfare, mining, search and rescue, homeland defense, and special operations.

The program includes fixed-site Tactical Operations Centers (TOCs) or equivalent and Mobile Tactical Operations Centers (MTOCs) or equivalent. Each TacMobile unit is a system-of-systems. TOCs provide sensor and tactical data communications systems; mission planning/support, sensor analysis capabilities; avionics and weapons system interfaces, media devices and data handling capabilities, at fixed-site locations. MTOC is a scalable and mobile version of the TOC for contingency operations and for support of operations from expeditionary airfields that do not have a TOC.

The TacMobile program uses an evolutionary development strategy consisting of incremental upgrades to meet new and emergent Fleet requirements, while retaining current capabilities. Increments are planned and resourced to support the new P-8A Multi-mission Maritime Aircraft (MMA) and new and updated sensors on the P-3C series aircraft.

WH046. Analysis Interface Equipment. This cost code contains TOC sensor analysis, mission planning, and in-flight mission support capabilities, avionics and weapons system interfaces, computer upgrades and associated software for interfacing, analysis and processing equipment to the supported weapons systems (aircraft). It also includes mobility and facilities equipment necessary to power and support the processing equipment and interfaces.

10 TOCs: 7 operational systems (located at Jacksonville Florida, Sigonella Italy, Kaneohe Bay Hawaii, Whidbey Island Washington, Kadena Japan, Misawa Japan, and Bahrain), 1 training site(relocated from Center for Surface Combat Systems Unit (CSCSU) Dam Neck Virginia to Center for Naval Air Technical Training (CNATT) Jacksonville Florida), 2 laboratory sites (a communications integration lab located at Space & Naval Warfare Systems Command Systems Center (SSC) Atlantic, and an aircraft integration lab at SSC Atlantic detachment Patuxent River Maryland). Note: 1 operational system removed in FY10 from NAS Brunswick ME as a result of base closure, is recapitalized in FY14 as an MTOC, as part of the transformation to a more mobile, expeditionary force.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements: 0604231N									

MDAP/MAIS Code(s):

14 MTOCs: 11 operational systems (home ported at Jacksonville Florida (5 sites), Misawa Japan, Whidbey Island Washington, Bahrain, Comalapa El Salvador, and Coronado (North Island) California (2 sites)), 1 operational system removed in FY10 from NAS Brunswick ME as a result of base closure, is recapitalized in FY14 at MCAS Kaneohe Bay as an MTOC as part of the transformation to a more mobile, expeditionary Force, 1 C4I engineering and maintenance support system (located at the In Service Engineering Activity (ISEA), SSC Atlantic), and 1 C4I mobile systems school house (relocated from Center for Surface Combat Systems Unit (CSCSU) Dam Neck Virginia to Center for Naval Air Technical Training (CNATT) Jacksonville Florida).

The related RDTEN is PE 0604231N.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
BLI 2246 Maritime Patrol & Reconnaissance Force (MPRF) Mission Support Systems	P40A				0.000			-			-			-			-			-
1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1	P3A				4.466			2.457			4.882			2.523			-			2.523
2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1	P3A				6.514			9.469			8.779			11.714			-			11.714
3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh	P3A				4.206			-			4.767			0.277			-			0.277
4 - BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1	P3A				0.000			-			-			3.616			-			3.616
Total Gross/Weapon System Cost					15.186			11.926			18.428			18.130			-			18.130

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
BLI 2246 Maritime Patrol & Reconnaissance Force (MPRF) Mission Support Systems	P40A				-			-			-			-			-			-
1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1	P3A				0.853			0.092			-			-			-			15.273

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment										P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force										
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements: 0604231N										
MDAP/MAIS Code(s):																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1	P3A				3.145			0.092			-			-			-			39.713
3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh	P3A				8.192			7.679			8.241			0.561			-			33.923
4 - BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1	P3A				6.108			9.849			10.021			11.136			-			40.730
Total Gross/Weapon System Cost					18.298			17.712			18.262			18.585	Continuing			Continuing		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: FY14 Procurements Include: Tech Refresh of TOC war fighter communications and war fighter Interfaces; Tech Refresh of MTOC war fighter communications and war fighter Interfaces; FRP Increment 2.1 TOC analysis capabilities upgrades, war fighter interface upgrades, and war fighter communications upgrades; FRP Increment 2.1 MTOC analysis capabilities, war fighter interfaces, and war fighter communications upgrades. TacMobile has three distinct tech refresh efforts across the FYDP: "Tech Refresh 2.0.1" provides technical modernization and refresh to previously fielded Increment 2.0 systems and modernizes operating system baseline and maintains information security posture, "Tech Refresh 2.1.1" provides technical modernization and refresh to previously fielded Increment 2.1 systems to enable interface with P-8A Increment 2 engineering change proposals, and "Overarching Tech Refresh" which provides an end-to-end technical refresh to certain MTOC and TOC systems that have not been upgraded and refreshed to the same baseline as the remaining TacMobile systems. These units are now in need of refresh to enable systems capability and meet increased Fleet requirements.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force							Aggregated Item Name: BLI 2246 Maritime Patrol & Reconnaissance Force (MPRF) Mission Support Systems				

Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) WH046 Tactical/Mobile																				
1.1) Increment 3.0	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) WH046 Tactical/ Mobile</i>					0.000			-			-			-			-			-
2) WH776 Installation																				
2.1) Increment 3.0	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) WH776 Installation</i>					0.000			-			-			-			-			-
Total					0.000			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment								P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force						Aggregated Item Name: BLI 2246 Maritime Patrol & Reconnaissance Force (MPRF) Mission Support Systems					

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) WH046 Tactical/Mobile																				
1.1) Increment 3.0	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) WH046 Tactical/ Mobile</i>					-			-			-			-			-			-
2) WH776 Installation																				
2.1) Increment 3.0	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) WH776 Installation</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment			P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (Modification Number - Modification Title): 1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1				
Models of Systems Affected: INC 2.0			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.466	2.457	4.882	2.523	-	2.523	0.853	0.092	-	-	-	15.273
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4.466	2.457	4.882	2.523	-	2.523	0.853	0.092	-	-	-	15.273
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.466	2.457	4.882	2.523	-	2.523	0.853	0.092	-	-	-	15.273
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Provides technical modernization and technical refresh to fielded existing TacMobile Inc 2.0 systems to ensure continued supportability and maintain fleet core capability functionality throughout service life.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (Modification Number - Modification Title): 1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1			
Models of Systems Affected: INC 2.0			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽¹⁾	1 / 1.835	2 / 0.500	2 / 0.579	2 / 0.557	- / -	2 / 0.557	2 / 0.585	- / -	- / -	- / -	- / -	9 / 4.056
1.1.2) MTOC - NonOrganic	2 / 1.833	7 / 1.741	4 / 3.870	6 / 1.666	- / -	6 / 1.666	- / -	- / -	- / -	- / -	- / -	19 / 9.110
Subtotal Recurring	3 / 3.668	9 / 2.241	6 / 4.449	8 / 2.223	- / -	8 / 2.223	2 / 0.585	- / -	- / -	- / -	- / -	28 / 13.166
Total, BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1	3 / 3.668	9 / 2.241	6 / 4.449	8 / 2.223	- / -	8 / 2.223	2 / 0.585	- / -	- / -	- / -	- / -	28 / 13.166
Total Procurement, All Modifications	3 / 3.668	9 / 2.241	6 / 4.449	8 / 2.223	- / -	8 / 2.223	2 / 0.585	- / -	- / -	- / -	- / -	28 / 13.166
Total Procurement and Support	3.668	2.241	4.449	2.223	-	2.223	0.585	-	-	-	-	13.166
BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1 Installation Cost	- / 0.798	- / 0.216	- / 0.433	- / 0.300	- / -	- / 0.300	- / 0.268	- / 0.092	- / -	- / -	- / -	- / 2.107
Total Installation Cost	- / 0.798	- / 0.216	- / 0.433	- / 0.300	- / -	- / 0.300	- / 0.268	- / 0.092	- / -	- / -	- / -	- / 2.107
Total Cost (Procurement + Support + Installation)	4.466	2.457	4.882	2.523	-	2.523	0.853	0.092	-	-	-	15.273

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1		

Models of Systems Affected: INC 2.0		Type Modification: Tech Refresh			Related RDT&E PEs: 0604231N		

Manufacturer Information: BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1							

Manufacturer Name: SSC LANT				Manufacturer Location: Charleston, SC			

Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 4			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Feb 2013	Feb 2014				
Delivery Dates	Apr 2012	Jun 2013	Jun 2014				

Installation: BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1		Method of Implementation: [none specified]				Installation Name: TR 2.0.1 Installation			

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	3 / 0.798	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.798
FY 2012	- / -	3 / 0.216	6 / 0.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.649
FY 2013	- / -	- / -	- / -	6 / 0.300	- / -	6 / 0.300	- / -	- / -	- / -	- / -	- / -	6 / 0.300
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.268	- / -	- / -	- / -	- / -	8 / 0.268
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.092	- / -	- / -	- / -	2 / 0.092
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 0.798	3 / 0.216	6 / 0.433	6 / 0.300	- / -	6 / 0.300	8 / 0.268	2 / 0.092	- / -	- / -	- / -	28 / 2.107

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	3	-	-	-	3	6	-	-	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	28	
Out	3	-	-	-	3	6	-	-	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	28	

Footnotes:
 (1) TOC/MTOC: 1) Quantities represent separate Maritime Patrol Warfighter Interface, Analysis, Communications and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade and refresh systems to be procured vary by Increment. 3) Install costs vary across fiscal years due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4) Unit cost variances exist in Tech Refresh procurements in order to bring all TacMobile sites to a common configuration baseline. 5)

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh 2.0.1
Models of Systems Affected: INC 2.0	Type Modification: Tech Refresh	Related RDT&E PEs: 0604231N
Integration, pre-installation and checkout, packaging, and shipping require a 6 month lead time prior to installation. 6) TacMobile leverages efficiencies in contracting and economical order quantity benefits, for COTS and GOTS procurement items integrated into TacMobile components, by concurrently procuring similar items required for the fiscal year. The in-house integration and installation work can then be efficiently accomplished by sequentially integrating these items into the end item components, and fielded within scheduled fleet availability periods.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force				Modification Nomenclature (Modification Number - Modification Title): 2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1				
Models of Systems Affected: N/A			Type Modification: System Upgrades					Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	6.514	9.469	8.779	11.714	-	11.714	3.145	0.092	-	-	-	39.713
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	6.514	9.469	8.779	11.714	-	11.714	3.145	0.092	-	-	-	39.713
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	6.514	9.469	8.779	11.714	-	11.714	3.145	0.092	-	-	-	39.713
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Increment capability upgrades include systems necessary to support P-8A Poseidon at its Initial Operating Capability (IOC), continues mission sustainment upgrades to support P-3C, and ensures compliance with the Net-Ready Key Performance Parameter (NR-KPP) to the extent complementary systems have been implemented by DoD.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (Modification Number - Modification Title): 2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1			
Models of Systems Affected: N/A				Type Modification: System Upgrades				Related RDT&E PEs: 0604231N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
BLI 2246 (MPRF) Mission Support Systems - Increment 2.1												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽²⁾	2 / 2.076	3 / 2.325	3 / 2.647	3 / 2.643	- / -	3 / 2.643	3 / 2.707	- / -	- / -	- / -	- / -	14 / 12.398
1.1.2) MTOC - NonOrganic	3 / 3.461	9 / 6.977	6 / 5.094	10 / 8.460	- / -	10 / 8.460	- / -	- / -	- / -	- / -	- / -	28 / 23.992
Subtotal Recurring	5 / 5.537	12 / 9.302	9 / 7.741	13 / 11.103	- / -	13 / 11.103	3 / 2.707	- / -	- / -	- / -	- / -	42 / 36.390
Total, BLI 2246 (MPRF) Mission Support Systems - Increment 2.1	5 / 5.537	12 / 9.302	9 / 7.741	13 / 11.103	- / -	13 / 11.103	3 / 2.707	- / -	- / -	- / -	- / -	42 / 36.390
Total Procurement, All Modifications	5 / 5.537	12 / 9.302	9 / 7.741	13 / 11.103	- / -	13 / 11.103	3 / 2.707	- / -	- / -	- / -	- / -	42 / 36.390
Support												
2.1) Shore Pre-Installation Design	- / 0.123	- / 0.167	- / 0.174	- / 0.196	- / -	- / 0.196	- / -	- / -	- / -	- / -	- / -	- / 0.660
Total Support, All Modifications	0.123	0.167	0.174	0.196	-	0.196	-	-	-	-	-	0.660
Total Procurement and Support	5.660	9.469	7.915	11.299	-	11.299	2.707	-	-	-	-	37.050
BLI 2246 (MPRF) Mission Support Systems - Increment 2.1 Installation Cost	- / 0.854	- / -	- / 0.864	- / 0.415	- / -	- / 0.415	- / 0.438	- / 0.092	- / -	- / -	- / -	- / 2.663
Total Installation Cost	- / 0.854	- / -	- / 0.864	- / 0.415	- / -	- / 0.415	- / 0.438	- / 0.092	- / -	- / -	- / -	- / 2.663
Total Cost (Procurement + Support + Installation)	6.514	9.469	8.779	11.714	-	11.714	3.145	0.092	-	-	-	39.713

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1		

Models of Systems Affected: N/A	Type Modification: System Upgrades	Related RDT&E PEs: 0604231N

Manufacturer Information: BLI 2246 (MPRF) Mission Support Systems - Increment 2.1

Manufacturer Name: SSC LANT	Manufacturer Location: Charleston, SC

Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 2

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012	Feb 2013	Feb 2014				
Delivery Dates	Aug 2012	Apr 2013	Apr 2014				

Installation: BLI 2246 (MPRF) Mission Support Systems - Increment 2.1	Method of Implementation: [none specified]	Installation Name: Inc 2.1 Installations

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	5 / 0.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.854
FY 2012	- / -	- / -	12 / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.864
FY 2013	- / -	- / -	- / -	9 / 0.415	- / -	9 / 0.415	- / -	- / -	- / -	- / -	- / -	9 / 0.415
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.438	- / -	- / -	- / -	- / -	13 / 0.438
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.092	- / -	- / -	- / -	3 / 0.092
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	5 / 0.854	- / -	12 / 0.864	9 / 0.415	- / -	9 / 0.415	13 / 0.438	3 / 0.092	- / -	- / -	- / -	42 / 2.663

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	-	-	-	-	-	6	6	-	-	3	3	3	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	42
Out	5	-	-	-	-	-	6	6	-	-	3	3	3	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	42

Footnotes:
 (2) TOC/MTOC: 1) Quantities represent separate Maritime Patrol Warfighter Interface, Analysis, Communications and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade and refresh systems to be procured vary by Increment. 3) Install costs vary across fiscal years due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4) Unit cost variances exist in Tech Refresh procurements in order to bring all TacMobile sites to a common configuration baseline. 5)

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment	P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - BLI 2246 (MPRF) Mission Support Systems - Increment 2.1
Models of Systems Affected: N/A	Type Modification: System Upgrades	Related RDT&E PEs: 0604231N
Integration, pre-installation and checkout, packaging, and shipping require a 6 month lead time prior to installation. 6) TacMobile leverages efficiencies in contracting and economical order quantity benefits, for COTS and GOTS procurement items integrated into TacMobile components, by concurrently procuring similar items required for the fiscal year. The in-house integration and installation work can then be efficiently accomplished by sequentially integrating these items into the end item components, and fielded within scheduled fleet availability periods.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh		
Models of Systems Affected: Various				Type Modification: Tech Refresh				Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4.206	-	4.767	0.277	-	0.277	8.192	7.679	8.241	0.561	-	33.923
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	4.206	-	4.767	0.277	-	0.277	8.192	7.679	8.241	0.561	-	33.923
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4.206	-	4.767	0.277	-	0.277	8.192	7.679	8.241	0.561	-	33.923
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides overarching technical modernization and technical refresh to fielded existing TacMobile systems that have not routinely been refreshed or upgraded and are now required to be restored to full systems capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (Modification Number - Modification Title): 3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh				
Models of Systems Affected: Various				Type Modification: Tech Refresh				Related RDT&E PEs: 0604231N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
BLI 2246 (MPRF) Mission Support Systems - Tech Refresh													
B Kits													
Recurring													
1.1.1) TOC - NonOrganic ⁽³⁾	2 / 0.575	- / -	- / -	- / -	- / -	- / -	4 / 7.642	- / -	- / -	- / -	- / -	6 / 8.217	
1.1.2) MTOC - NonOrganic	10 / 2.841	- / -	4 / 4.767	- / -	- / -	- / -	- / -	4 / 7.679	4 / 7.680	- / -	- / -	22 / 22.967	
Subtotal Recurring	12 / 3.416	- / -	4 / 4.767	- / -	- / -	- / -	4 / 7.642	4 / 7.679	4 / 7.680	- / -	- / -	28 / 31.184	
Total, BLI 2246 (MPRF) Mission Support Systems - Tech Refresh	12 / 3.416	- / -	4 / 4.767	- / -	- / -	- / -	4 / 7.642	4 / 7.679	4 / 7.680	- / -	- / -	28 / 31.184	
Total Procurement, All Modifications	12 / 3.416	- / -	4 / 4.767	- / -	- / -	- / -	4 / 7.642	4 / 7.679	4 / 7.680	- / -	- / -	28 / 31.184	
Total Procurement and Support	3.416	-	4.767	-	-	-	7.642	7.679	7.680	-	-	31.184	
BLI 2246 (MPRF) Mission Support Systems - Tech Refresh Installation Cost	- / 0.790	- / -	- / -	- / 0.277	- / -	- / 0.277	- / 0.550	- / -	- / 0.561	- / 0.561	- / -	- / 2.739	
Total Installation Cost	- / 0.790	- / -	- / -	- / 0.277	- / -	- / 0.277	- / 0.550	- / -	- / 0.561	- / 0.561	- / -	- / 2.739	
Total Cost (Procurement + Support + Installation)	4.206	-	4.767	0.277	-	0.277	8.192	7.679	8.241	0.561	-	33.923	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh				
Models of Systems Affected: Various				Type Modification: Tech Refresh				Related RDT&E PEs: 0604231N				
Manufacturer Information: BLI 2246 (MPRF) Mission Support Systems - Tech Refresh												
Manufacturer Name: SSC LANT ⁽⁴⁾						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 7						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012										
Delivery Dates		Jul 2013										
Manufacturer Name: SSC LANT-1 ⁽⁵⁾						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Oct 2014								
Delivery Dates				Mar 2015								
Installation: BLI 2246 (MPRF) Mission Support Systems - Tech Refresh												
Method of Implementation: [none specified]			Installation Name: Tech Refresh Installations									
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	12 / 0.790	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.790
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	4 / 0.277	- / -	4 / 0.277	- / -	- / -	- / -	- / -	- / -	4 / 0.277
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.550	- / -	- / -	- / -	- / -	4 / 0.550
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.561	- / -	- / -	4 / 0.561
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.561	- / -	4 / 0.561
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	12 / 0.790	- / -	- / -	4 / 0.277	- / -	4 / 0.277	4 / 0.550	- / -	4 / 0.561	4 / 0.561	- / -	28 / 2.739

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment											P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force											Modification Nomenclature (Modification Number - Modification Title): 3 - BLI 2246 (MPRF) Mission Support Systems - Tech Refresh									
Models of Systems Affected: Various											Type Modification: Tech Refresh											Related RDT&E PEs: 0604231N									
Installation: BLI 2246 (MPRF) Mission Support Systems - Tech Refresh											Method of Implementation: [none specified]											Installation Name: Tech Refresh Installations									
Installation Schedule																															
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	12	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	4	-	-	-	28
Out	12	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	4	-	-	-	28
Footnotes: (3) TOC/MTOC: 1) Quantities represent separate Maritime Patrol Warfighter Interface, Analysis, Communications and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade and refresh systems to be procured vary by Increment. 3) Install costs vary across fiscal years due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4) FY 13 procures overarching MTOC KILO required Tech Refresh components. FY15 procures overarching TOC 5th Fleet required Tech Refresh components. FY16 procures overarching MTOC EIGHT required Tech Refresh components. FY17 procures overarching MTOC JULIET required Tech Refresh components. Integration, pre-installation and checkout, packaging, and shipping require a 6 month lead time prior to installation. (4) Procurement of equipment for MTOC TR (5) Procurement of equipment for TOC TR																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1			
Models of Systems Affected: N/A				Type Modification: Upgrade					Related RDT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	3.616	-	3.616	6.108	9.849	10.021	11.136	-	40.730
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	3.616	-	3.616	6.108	9.849	10.021	11.136	-	40.730
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	3.616	-	3.616	6.108	9.849	10.021	11.136	-	40.730
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides technical modernization and technical refresh to fielded existing TacMobile systems necessary to support P-8A Poseidon Increment 2 and Broad Area Maritime Surveillance (BAMS) Unmanned Aerial System (UAS) at their initial operating capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment				P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force					Modification Nomenclature (Modification Number - Modification Title): 4 - BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1			
Models of Systems Affected: N/A				Type Modification: Upgrade				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽⁶⁾	- / -	- / -	- / -	3 / 1.639	- / -	3 / 1.639	3 / 1.710	6 / 3.427	3 / 1.716	3 / 1.795	- / -	18 / 10.287
1.1.2) MTOC - NonOrganic	- / -	- / -	- / -	4 / 1.655	- / -	4 / 1.655	8 / 3.376	12 / 5.164	16 / 7.026	18 / 8.063	- / -	58 / 25.284
1.1.3) Shore Pre-Installation - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / -	- / 0.800
Subtotal Recurring	- / -	- / -	- / -	7 / 3.294	- / -	7 / 3.294	11 / 5.286	18 / 8.791	19 / 8.942	21 / 10.058	- / -	76 / 36.371
Total, BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1	- / -	- / -	- / -	7 / 3.294	- / -	7 / 3.294	11 / 5.286	18 / 8.791	19 / 8.942	21 / 10.058	- / -	76 / 36.371
Total Procurement, All Modifications	- / -	- / -	- / -	7 / 3.294	- / -	7 / 3.294	11 / 5.286	18 / 8.791	19 / 8.942	21 / 10.058	- / -	76 / 36.371
Total Procurement and Support	-	-	-	3.294	-	3.294	5.286	8.791	8.942	10.058	-	36.371
BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1 Installation Cost	- / 0.000	- / -	- / -	- / 0.322	- / -	- / 0.322	- / 0.822	- / 1.058	- / 1.079	- / 1.078	- / -	- / 4.359
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.322	- / -	- / 0.322	- / 0.822	- / 1.058	- / 1.079	- / 1.078	- / -	- / 4.359
Total Cost (Procurement + Support + Installation)	0.000	-	-	3.616	-	3.616	6.108	9.849	10.021	11.136	-	40.730

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 3: Asw Electronic Equipment		P-1 Line Item Nomenclature: 2246 - Maritime Patrol and Reconnaissance Force			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1		

Models of Systems Affected: N/A	Type Modification: Upgrade	Related RDT&E PEs:

Manufacturer Information: BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1

Manufacturer Name: SSC LANT	Manufacturer Location: Charleston, SC

Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 3

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013				
Delivery Dates			Mar 2014				

Installation: BLI 2246 (MPRF) Mission Support Systems- Tech Refresh 2.1.1	Method of Implementation: Method	Installation Name: TR 2.1.1 Installations

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	7 / 0.322	- / -	7 / 0.322	- / -	- / -	- / -	- / -	- / -	7 / 0.322
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.822	- / -	- / -	- / -	- / -	11 / 0.822
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 1.058	- / -	- / -	- / -	18 / 1.058
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.079	- / -	- / -	19 / 1.079
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 1.078	- / -	21 / 1.078
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	7 / 0.322	- / -	7 / 0.322	11 / 0.822	18 / 1.058	19 / 1.079	21 / 1.078	- / -	76 / 4.359

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	7	-	-	3	8	-	-	9	9	-	-	11	8	-	-	12	9	-	-	76
Out	-	-	-	-	-	-	-	-	-	-	-	7	-	-	3	8	-	-	9	9	-	-	11	8	-	-	12	9	-	-	76

Footnotes:
(6) 1. Quantities represent separate Maritime Patrol Warfighter Interface, Analysis, Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2. Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade systems to be procured vary by site unique differences. 3. Install costs vary due to different equipment mixes, site specific requirements, and varied, world-wide locations.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment	P-1 Line Item Nomenclature: 2312 - AN/SLQ-32

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0204228N	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	166.802	39.902	92.270	203.375	-	203.375	287.478	263.017	347.335	372.120	3,525.534	5,297.833
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	166.802	39.902	92.270	203.375	-	203.375	287.478	263.017	347.335	372.120	3,525.534	5,297.833
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	166.802	39.902	92.270	203.375	-	203.375	287.478	263.017	347.335	372.120	3,525.534	5,297.833

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	1.001	0.953	1.839	-	1.839	3.036	4.327	4.845	1.120	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The AN/SLQ-32(V) provides a family of modular shipborne electronic warfare equipment which is installed on all surface combatants, aircraft carriers, amphibious ships and auxiliaries in the surface Navy. The system consists of eight configurations and provides early detection, analysis, threat warning and protection from anti-ship missiles.

TC056: SURFACE ELECTRONIC WARFARE (EW) IMPROVEMENTS BLOCK 1

The Surface Electronic Warfare (EW) Improvement Program (SEWIP) will develop a modern, highly capable family of EW systems by block upgrade of the current AN/SLQ-32 system that is robust in detecting and countering current and future threats and will extend the service life of AN/SLQ3-2(V) systems. Funding procures upgrades to the current AN/SLQ-32 system.

Electronic Surveillance Enhancement (ESE) replaces the Digital Processing Unit and Digital Tracking Unit with a modern computer system. This enhanced functionality increases AntiShip Missile Defense (ASMD) capabilities by increasing the probability of correct identification of threats. ESE is also being adapted to the unique Aircraft Carrier variant configuration.

Block 1A: Improved Control and Display (ICAD) replaces the current Display Control Console (DCC) with a Navy standard UYQ-70 console and improved windows-based color displays. ICAD is a low-risk improvement that provides the EW Operator with the tools necessary to improve tactical performance, situational awareness and battle readiness.

Block 1B1: Small Ship Electronic Support Measures System (SSESM) provides Specific Emitter Identification (SEI) capability to various ships/ship classes in a stand-alone configuration.

Block 1B2: Federated SEI, consisting of SEI hardware plus an ICAD modification kit, fully integrates SEI functionality with the ICAD/Q-70 console. For those ships which already have the Blk 1B1 SEI capability as a stand-alone configuration, procurement is for the ICAD modification kit only.

Block 1B3: High Gain High Sensitivity (HGHS) Adjunct Sensor is a critical improvement for threat correlation, situational awareness, and extending the battle space. Development Status/Major Development Milestones are: Milestone C/Low-Rate Initial Production (LRIP) 4Q FY12, Full Rate Production (FRP) 3Q FY14.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items: 0204228N					Other Related Program Elements:									

MDAP/MAIS Code(s):

TC059: SURFACE ELECTRONIC WARFARE (EW) IMPROVEMENTS BLOCK 2
Block 2 will provide AN/SLQ-32(V) an upgraded antenna, receiver, and combat systems interface. The upgrades will pace the threat, improve detection and accuracy and mitigate Electromagnetic Interference (EMI). Development Status/Major Development Milestones are: Milestone C Low-Rate Initial Production (LRIP) 2Q FY13, Full Rate Production (FRP) 1Q FY15.

TC060: SURFACE ELECTRONIC WARFARE (EW) IMPROVEMENTS BLOCK 3:
Block 3 will provide an Electronic Attack (EA) capability improvement required for the AN/SLQ-32(V) system to keep pace with the threat. The upgrade will provide a common EA capability to all surface combatants (CVN,CG, DDG, LHA) outfitted with the active variant of the AN/SLQ-32, mainly the (V)3 and (V)4, as well as select new-construction platforms. The program builds on the EW Electronic Support (ES) capability delivered by Blocks 1 and 2. Development Status/Major Milestones are: Milestone C Low-Rate Initial Production (LRIP) 2Q FY 17, IOT&E, 4Q FY18

Block 3T will provide an initial interim capability of a focused application of the Naval Research Laboratory Transportable EW Module (TEWM) to meet an urgent operational needs statement.

TC5IN: FMP INSTALLATIONS
Shipboard installation of AN/SLQ-32(V) ECP/Field Changes and the Surface EW Improvements Blocks 1, 2 and 3.

TC6IN: NON-FMP INSTALLATIONS
Installation of AN/SLQ-32(V) ECP/Field Changes and the Surface EW Improvements Blocks 1, 2 and 3 at Shore Site Facilities.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/SLQ-32	P40A				30.497			4.631			18.593			11.122			-			11.122
1 - TC056 - BLOCK 1A- ICAD/Q70	P3A				39.165			0.331			-			-			-			-
2 - TC056 - BLOCK 1B1 SSESM	P3A				25.793			4.161			2.020			0.849			-			0.849
3 - TC056 - BLOCK 1B2 FEDERATED SEI	P3A				40.842			4.288			1.486			-			-			-
4 - TC056 - Block 1B2 ICAD Mod Kit Only	P3A				2.503			0.196			-			-			-			-
5 - TC056 - BLOCK 1B3 HGHS	P3A				0.117			6.858			7.684			28.909			-			28.909
6 - TC056 - BLOCK 1 ESE	P3A				27.885			2.604			1.538			3.414			-			3.414
7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM	P3A				0.000			16.833			60.949			141.401			-			141.401
8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM	P3A				0.000			-			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment												P-1 Line Item Nomenclature: 2312 - AN/SLQ-32									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0204228N						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9 - TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System	P3A				0.000			-			-			17.680			-			17.680
Total Gross/Weapon System Cost					166.802			39.902			92.270			203.375			-			203.375

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/SLQ-32	P40A			-			-			-			-			-			-	
1 - TC056 - BLOCK 1A-ICAD/Q70	P3A			-			-			-			-			-			39.496	
2 - TC056 - BLOCK 1B1 SSES	P3A			-			-			-			-			-			32.823	
3 - TC056 - BLOCK 1B2 FEDERATED SEI	P3A			-			-			-			-			6.798			53.414	
4 - TC056 - Block 1B2 ICAD Mod Kit Only	P3A			-			-			-			-			-			2.699	
5 - TC056 - BLOCK 1B3 HGHS	P3A			30.030			28.588			25.040			21.181			98.474			246.881	
6 - TC056 - BLOCK 1 ESE	P3A			1.881			-			-			-			-			37.322	
7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM	P3A			234.710			217.036			205.934			186.866			909.304			1,973.033	
8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM	P3A			-			1.098			94.100			143.323			2,366.530			2,605.051	
9 - TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System	P3A			2.786			-			-			-			-			20.466	
Total Gross/Weapon System Cost				287.478			263.017			347.335			372.120			3,525.534			5,297.833	

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment									P-1 Line Item Nomenclature: 2312 - AN/SLQ-32							Aggregated Item Name: AN/SLQ-32				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) TC056 SURFACE EW IMPROVEMENTS BLOCK 1																				
1.1) TECH REFRESH	A		-	-	3.115	-	-	-	-	-	7.737	-	-	3.598	-	-	-	-	-	3.598
1.2) PRODUCTION SUPPORT	A		-	-	27.270	-	-	2.121	-	-	3.279	-	-	3.840	-	-	-	-	-	3.840
Subtotal 1) TC056 SURFACE EW IMPROVEMENTS BLOCK 1					30.385			2.121			11.016			7.438			-			7.438
2) TC059 SURFACE EW IMPROVEMENTS BLOCK 2																				
2.1) PRODUCTION SUPPORT	A		-	-	-	-	-	2.510	-	-	7.577	-	-	3.684	-	-	-	-	-	3.684
Subtotal 2) TC059 SURFACE EW IMPROVEMENTS BLOCK 2					-			2.510			7.577			3.684			-			3.684
3) TC060 SURFACE EW IMPROVEMENTS BLOCK 3																				
3.1) PRODUCTION SUPPORT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) TC060 SURFACE EW IMPROVEMENTS BLOCK 3					0.000			-			-			-			-			-
4) WAXXX ACQUISITION WORKFORCE FUNDS-2009																				
4.1) ACQUISITION WORKFORCE FUNDS-2009	A		-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) WAXXX ACQUISITION WORKFORCE FUNDS-2009					0.112			-			-			-			-			-
Total					30.497			4.631			18.593			11.122			-			11.122

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment								P-1 Line Item Nomenclature: 2312 - AN/SLQ-32								Aggregated Item Name: AN/SLQ-32				
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) TC056 SURFACE EW IMPROVEMENTS BLOCK 1																				
1.1) TECH REFRESH	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) TC056 SURFACE EW IMPROVEMENTS BLOCK 1</i>					-			-			-			-			-			-
2) TC059 SURFACE EW IMPROVEMENTS BLOCK 2																				
2.1) PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) TC059 SURFACE EW IMPROVEMENTS BLOCK 2</i>					-			-			-			-			-			-
3) TC060 SURFACE EW IMPROVEMENTS BLOCK 3																				
3.1) PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) TC060 SURFACE EW IMPROVEMENTS BLOCK 3</i>					-			-			-			-			-			-
4) WAXXX ACQUISITION WORKFORCE FUNDS-2009																				
4.1) ACQUISITION WORKFORCE FUNDS-2009	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) WAXXX ACQUISITION WORKFORCE FUNDS-2009</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TC056 - BLOCK 1A-ICAD/Q70				
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK A-ICAD/Q70				Type Modification: SHIPALT/AIT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	39.165	0.331	-	-	-	-	-	-	-	-	-	39.496
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	39.165	0.331	-	-	-	-	-	-	-	-	-	39.496
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	39.165	0.331	-	-	-	-	-	-	-	-	-	39.496
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Improved Control and Display (ICAD) replaces the Current Display Control Console (DCC) with a Navy standard UYQ-70 console and improved windows-based color displays. ICAD is a low-risk improvement that provides the EW Operator with the tools necessary to improve tactical performance, situational awareness and battle readiness.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment					P-1 Line Item Nomenclature: 2312 - AN/SLQ-32					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TC056 - BLOCK 1A-ICAD/Q70		

Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK A-ICAD/Q70					Type Modification: SHIPALT/AIT					Related RDT&E PEs:		

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC056 - BLOCK 1A-ICAD/Q70												
A Kits												
Recurring												
1.1.1) FMP Ship Units - NonOrganic	62 / 12.869	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 12.869
1.1.2) NON-FMP Shore Site Units - NonOrganic	25 / 5.189	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 5.189
<i>Subtotal Recurring</i>	<i>87 / 18.058</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>87 / 18.058</i>
<i>Total, TC056 - BLOCK 1A-ICAD/Q70</i>	<i>87 / 18.058</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>87 / 18.058</i>
<i>Total Procurement, All Modifications</i>	<i>87 / 18.058</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>87 / 18.058</i>
<i>Total Procurement and Support</i>	<i>18.058</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>18.058</i>
TC056 - BLOCK 1A-ICAD/Q70 Installation Cost	- / 21.107	- / 0.331	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.438
<i>Total Installation Cost</i>	<i>- / 21.107</i>	<i>- / 0.331</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 21.438</i>
Total Cost (Procurement + Support + Installation)	39.165	0.331	-	-	-	-	-	-	-	-	-	39.496

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TC056 - BLOCK 1A-ICAD/Q70											
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK A-ICAD/Q70										Type Modification: SHIPALT/AIT										Related RDT&E PEs:											
Manufacturer Information: TC056 - BLOCK 1A-ICAD/Q70																															
Manufacturer Name: New MFG - Name													Manufacturer Location: New MFG - Loc																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 6																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: TC056 - BLOCK 1A-ICAD/Q70										Method of Implementation: SHIPALT/AIT										Installation Name: FMP Ship Units											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		61 / 19.157		1 / 0.331		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		62 / 19.488					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		61 / 19.157		1 / 0.331		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		62 / 19.488					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	61	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62
Out	61	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment		P-1 Line Item Nomenclature: 2312 - AN/SLQ-32		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TC056 - BLOCK 1A-ICAD/Q70	
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK A-ICAD/Q70		Type Modification: SHIPALT/AIT		Related RDT&E PEs:	

Installation: TC056 - BLOCK 1A-ICAD/Q70				Method of Implementation: AIT				Installation Name: NON-FMP Shore Site Units				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	25 / 1.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 1.950
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	25 / 1.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 1.950

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
Out	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - TC056 - BLOCK 1B1 SSES				
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B1 - SSES				Type Modification: SHIPALT/AIT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	25.793	4.161	2.020	0.849	-	0.849	-	-	-	-	-	32.823
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	25.793	4.161	2.020	0.849	-	0.849	-	-	-	-	-	32.823
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	25.793	4.161	2.020	0.849	-	0.849	-	-	-	-	-	32.823
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Small Ship Electronic Support Measures System (SSES) provides Specific Emitter Identification (SEI) capability to various ships/ship classes in a stand-alone configuration.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32					Modification Nomenclature (Modification Number - Modification Title): 2 - TC056 - BLOCK 1B1 SSES				
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B1 - SSES				Type Modification: SHIPALT/AIT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
TC056 - BLOCK 1B1 SSES													
A Kits													
Recurring													
1.1.1) CNSG EQUIPMENT - NonOrganic ⁽¹⁾	15 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / -	
1.1.2) FMP SHIP UNITS - NonOrganic	49 / 16.958	3 / 1.153	3 / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 19.283	
Subtotal Recurring	64 / 16.958	3 / 1.153	3 / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 19.283	
Total, TC056 - BLOCK 1B1 SSES	64 / 16.958	3 / 1.153	3 / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 19.283	
Total Procurement, All Modifications	64 / 16.958	3 / 1.153	3 / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 19.283	
Total Procurement and Support	16.958	1.153	1.172	-	-	-	-	-	-	-	-	19.283	
TC056 - BLOCK 1B1 SSES Installation Cost	- / 8.835	- / 3.008	- / 0.848	- / 0.849	- / -	- / 0.849	- / -	- / -	- / -	- / -	- / -	- / 13.540	
Total Installation Cost	- / 8.835	- / 3.008	- / 0.848	- / 0.849	- / -	- / 0.849	- / -	- / -	- / -	- / -	- / -	- / 13.540	
Total Cost (Procurement + Support + Installation)	25.793	4.161	2.020	0.849	-	0.849	-	-	-	-	-	32.823	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - TC056 - BLOCK 1B1 SSES												
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B1 - SSES										Type Modification: SHIPALT/AIT										Related RDT&E PEs:												
Manufacturer Information: TC056 - BLOCK 1B1 SSES																																
Manufacturer Name: General Dynamics AIS													Manufacturer Location: Fair Lakes VA																			
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 8																			
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates		Mar 2012				Mar 2013																										
Delivery Dates		Nov 2012				Nov 2013																										
Installation: TC056 - BLOCK 1B1 SSES													Method of Implementation: SHIPALT/AIT										Installation Name: CNSG EQUIPMENT									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		15 / 2.206		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 2.206						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		15 / 2.206		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 2.206						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
Out	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - TC056 - BLOCK 1B1 SSES			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B1 - SSES				Type Modification: SHIPALT/AIT				Related RDT&E PEs:			

Installation: TC056 - BLOCK 1B1 SSES			Method of Implementation: SHIPALT/AIT					Installation Name: FMP SHIP UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	40 / 6.629	9 / 3.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 9.637
FY 2012	- / -	- / -	3 / 0.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.848
FY 2013	- / -	- / -	- / -	3 / 0.849	- / -	3 / 0.849	- / -	- / -	- / -	- / -	- / -	3 / 0.849
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	40 / 6.629	9 / 3.008	3 / 0.848	3 / 0.849	- / -	3 / 0.849	- / -	- / -	- / -	- / -	- / -	55 / 11.334

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	40	-	3	3	3	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	
Out	40	-	3	3	3	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	

Footnotes:

(1) FIFTEEN (15) UNITS PROCURED BY CHIEF NAVAL SECURITY GROUP (CNSG)

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TC056 - BLOCK 1B2 FEDERATED SEI		
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B2 - FEDERATED SEI				Type Modification: SHIPALT/AIT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	40.842	4.288	1.486	-	-	-	-	-	-	-	6.798	53.414
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	40.842	4.288	1.486	-	-	-	-	-	-	-	6.798	53.414
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	40.842	4.288	1.486	-	-	-	-	-	-	-	6.798	53.414
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Federated SEI, consisting of SEI hardware plus an ICAD modification kit, fully integrates SEI functionality with the ICAD/Q-70 console. For those ships which already have the Blk 1B1 SEI capability installed as a stand-alone configuration, procurement is for the ICAD modification kit to the console.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TC056 - BLOCK 1B2 FEDERATED SEI			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B2 - FEDERATED SEI				Type Modification: SHIPALT/AIT						Related RDT&E PEs:			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC056 - BLOCK 1B2 FEDERATED SEI												
A Kits												
Recurring												
1.1.1) FMP SHIP UNITS - NonOrganic	57 / 26.125	3 / 1.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.935	70 / 31.493
1.1.2) NON-FMP SHORE SITE UNITS - NonOrganic	2 / 0.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.682
<i>Subtotal Recurring</i>	59 / 26.807	3 / 1.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.935	72 / 32.175
<i>Total, TC056 - BLOCK 1B2 FEDERATED SEI</i>	59 / 26.807	3 / 1.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.935	72 / 32.175
<i>Total Procurement, All Modifications</i>	59 / 26.807	3 / 1.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.935	72 / 32.175
<i>Total Procurement and Support</i>	26.807	1.433	-	-	-	-	-	-	-	-	3.935	32.175
TC056 - BLOCK 1B2 FEDERATED SEI Installation Cost	- / 14.035	- / 2.855	- / 1.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.863	- / 21.239
<i>Total Installation Cost</i>	- / 14.035	- / 2.855	- / 1.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.863	- / 21.239
Total Cost (Procurement + Support + Installation)	40.842	4.288	1.486	-	-	-	-	-	-	-	6.798	53.414

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment								P-1 Line Item Nomenclature: 2312 - AN/SLQ-32								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TC056 - BLOCK 1B2 FEDERATED SEI															
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B2 - FEDERATED SEI								Type Modification: SHIPALT/AIT								Related RDT&E PEs:															
Manufacturer Information: TC056 - BLOCK 1B2 FEDERATED SEI																															
Manufacturer Name: General Dynamics AIS												Manufacturer Location: Fair Lakes, VA																			
Administrative Leadtime (<i>in Months</i>): 1												Production Leadtime (<i>in Months</i>): 8																			
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Mar 2012																													
Delivery Dates		Nov 2012																													
Installation: TC056 - BLOCK 1B2 FEDERATED SEI								Method of Implementation: SHIPALT/AIT								Installation Name: FMP SHIP UNITS															
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		45 / 13.599	10 / 2.855	2 / 0.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 17.048																		
FY 2012		- / -	- / -	3 / 0.892	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.892																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.863	10 / 2.863																		
Total		45 / 13.599	10 / 2.855	5 / 1.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.863	70 / 20.803																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	45	-	2	4	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	70
Out	45	-	2	4	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	70

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TC056 - BLOCK 1B2 FEDERATED SEI											
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1: BLOCK 1B2 - FEDERATED SEI										Type Modification: SHIPALT/AIT										Related RDT&E PEs:											
Installation: TC056 - BLOCK 1B2 FEDERATED SEI										Method of Implementation: [none specified]										Installation Name: NON-FMP SHORE SITE UNITS											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		2 / 0.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.436																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		2 / 0.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.436																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TC056 - Block 1B2 ICAD Mod Kit Only				
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B2-ICAD MOD KIT ONLY				Type Modification: SHIPALT/AIT				Related RDT&E PEs:				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2.503	0.196	-	-	-	-	-	-	-	-	-	2.699
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2.503	0.196	-	-	-	-	-	-	-	-	-	2.699
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2.503	0.196	-	-	-	-	-	-	-	-	-	2.699

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
This 1B2 improvement adds a kit within the Navy standard AN/UYQ-70 console (BLK 1A) to change the stand alone Specific Emitter Identification (SEI) system to an integrated one.

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment					P-1 Line Item Nomenclature: 2312 - AN/SLQ-32					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TC056 - Block 1B2 ICAD Mod Kit Only			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B2-ICAD MOD KIT ONLY					Type Modification: SHIPALT/AIT					Related RDT&E PEs:			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC056 - Block 1B2 ICAD Mod Kit Only												
A Kits												
Recurring												
1.1.1) FMP BLOCK 2 ICAD MOD KIT ONLY - NonOrganic	6 / 0.425	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.425
1.1.2) NON-FMP SHORE SITE INSTALLS - NonOrganic	9 / 0.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.675
<i>Subtotal Recurring</i>	<i>15 / 1.100</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>15 / 1.100</i>
<i>Total, TC056 - Block 1B2 ICAD Mod Kit Only</i>	<i>15 / 1.100</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>15 / 1.100</i>
<i>Total Procurement, All Modifications</i>	<i>15 / 1.100</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>15 / 1.100</i>
<i>Total Procurement and Support</i>	<i>1.100</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1.100</i>
TC056 - Block 1B2 ICAD Mod Kit Only Installation Cost	- / 1.403	- / 0.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.599
<i>Total Installation Cost</i>	<i>- / 1.403</i>	<i>- / 0.196</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 1.599</i>
Total Cost (Procurement + Support + Installation)	2.503	0.196	-	-	-	-	-	-	-	-	-	2.699

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TC056 - Block 1B2 ICAD Mod Kit Only																							
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B2-ICAD MOD KIT ONLY				Type Modification: SHIPALT/AIT				Related RDT&E PEs:																							
Manufacturer Information: TC056 - Block 1B2 ICAD Mod Kit Only																															
Manufacturer Name: Lockheed Martin								Manufacturer Location: Eagan, MN																							
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 5																							
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates																															
Delivery Dates																															
Installation: TC056 - Block 1B2 ICAD Mod Kit Only				Method of Implementation: SHIPALT/AIT								Installation Name: FMP BLOCK 2 ICAD MOD KIT ONLY																			
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	5 / 0.673	1 / 0.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.869																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	5 / 0.673	1 / 0.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.869																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TC056 - Block 1B2 ICAD Mod Kit Only											
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B2-ICAD MOD KIT ONLY										Type Modification: SHIPALT/AIT										Related RDT&E PEs:											
Installation: TC056 - Block 1B2 ICAD Mod Kit Only										Method of Implementation: AIT										Installation Name: NON-FMP SHORE SITE INSTALLS											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		9 / 0.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.730																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		9 / 0.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.730																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32						Modification Nomenclature (Modification Number - Modification Title): 5 - TC056 - BLOCK 1B3 HGHS		
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B3 HGHS				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.117	6.858	7.684	28.909	-	28.909	30.030	28.588	25.040	21.181	98.474	246.881
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.117	6.858	7.684	28.909	-	28.909	30.030	28.588	25.040	21.181	98.474	246.881
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.117	6.858	7.684	28.909	-	28.909	30.030	28.588	25.040	21.181	98.474	246.881
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: High Gain High Sensitivity (HGHS) Adjunct Sensor is a critical improvement for threat correlation, situational awareness, and extending the battle space. Development Status/Major Development Milestones are: Milestone C/Low-Rate Initial Production (LRIP) 4Q FY12, Full Rate Production (FRP) 3Q FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32					Modification Nomenclature (Modification Number - Modification Title): 5 - TC056 - BLOCK 1B3 HGHS			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B3 HGHS				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC056 - BLOCK 1B3 HGHS												
A Kits												
Recurring												
1.1.1) FMP BLOCK 1B3 - NonOrganic ⁽²⁾	- / -	2 / 3.371	5 / 7.684	15 / 19.619	- / -	15 / 19.619	16 / 19.316	14 / 16.583	12 / 13.961	11 / 12.895	44 / 57.391	119 / 150.820
1.1.2) NON-FMP SHORE SITE INSTALL - NonOrganic	- / -	2 / 3.371	- / -	3 / 3.924	- / -	3 / 3.924	- / -	2 / 2.369	- / -	- / -	- / -	7 / 9.664
1.1.3) BLK 1B3 GFE UNIT FOR BLK 3 OEM - NonOrganic	- / -	- / -	- / -	1 / 1.308	- / -	1 / 1.308	- / -	- / -	- / -	- / -	- / -	1 / 1.308
Subtotal Recurring	- / -	4 / 6.742	5 / 7.684	19 / 24.851	- / -	19 / 24.851	16 / 19.316	16 / 18.952	12 / 13.961	11 / 12.895	44 / 57.391	127 / 161.792
Total, TC056 - BLOCK 1B3 HGHS	- / -	4 / 6.742	5 / 7.684	19 / 24.851	- / -	19 / 24.851	16 / 19.316	16 / 18.952	12 / 13.961	11 / 12.895	44 / 57.391	127 / 161.792
Total Procurement, All Modifications	- / -	4 / 6.742	5 / 7.684	19 / 24.851	- / -	19 / 24.851	16 / 19.316	16 / 18.952	12 / 13.961	11 / 12.895	44 / 57.391	127 / 161.792
Total Procurement and Support	-	6.742	7.684	24.851	-	24.851	19.316	18.952	13.961	12.895	57.391	161.792
TC056 - BLOCK 1B3 HGHS Installation Cost	- / 0.117	- / 0.116	- / -	- / 4.058	- / -	- / 4.058	- / 10.714	- / 9.636	- / 11.079	- / 8.286	- / 41.083	- / 85.089
Total Installation Cost	- / 0.117	- / 0.116	- / -	- / 4.058	- / -	- / 4.058	- / 10.714	- / 9.636	- / 11.079	- / 8.286	- / 41.083	- / 85.089
Total Cost (Procurement + Support + Installation)	0.117	6.858	7.684	28.909	-	28.909	30.030	28.588	25.040	21.181	98.474	246.881

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TC056 - BLOCK 1B3 HGHS																								
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B3 HGHS				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N																								
Manufacturer Information: TC056 - BLOCK 1B3 HGHS																																
Manufacturer Name: General Dynamics AIS								Manufacturer Location: Fair Lakes, VA																								
Administrative Leadtime (<i>in Months</i>): 1								Production Leadtime (<i>in Months</i>): 15																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																									
Contract Dates	Feb 2013	Feb 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018																									
Delivery Dates	May 2014	Sep 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019																									
Installation: TC056 - BLOCK 1B3 HGHS				Method of Implementation: SHIPALT/AIT				Installation Name: FMP BLOCK 1B3																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2012	0 / 0.117	- / 0.058	- / -	2 / 1.093	- / -	2 / 1.093	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.268																			
FY 2013	- / -	- / 0.058	- / -	1 / 0.939	- / -	1 / 0.939	4 / 2.149	- / -	- / -	- / -	- / -	- / -	5 / 3.146																			
FY 2014	- / -	- / -	- / -	- / 1.331	- / -	- / 1.331	11 / 6.379	4 / 2.101	- / -	- / -	- / -	- / -	15 / 9.811																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.936	10 / 6.304	6 / 3.329	- / -	- / -	- / -	16 / 10.569																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.794	10 / 6.210	4 / 2.393	- / -	- / -	14 / 9.397																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.644	8 / 4.678	4 / 2.785	12 / 8.107																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.215	11 / 7.660	11 / 8.875																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 30.638	44 / 30.638																				
Total	0 / 0.117	- / 0.116	- / -	3 / 3.363	- / -	3 / 3.363	15 / 9.464	14 / 9.199	16 / 10.183	12 / 8.286	59 / 41.083	119 / 81.811																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	9	4	2	2	6	4	2	4	5	5	4	-	5	3	59	119	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	9	4	2	2	6	4	2	4	5	5	4	-	5	62	119	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TC056 - BLOCK 1B3 HGHS			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B3 HGHS				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N			

Installation: TC056 - BLOCK 1B3 HGHS				Method of Implementation: AIT				Installation Name: NON-FMP SHORE SITE INSTALL				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	2 / 0.695	- / -	2 / 0.695	- / -	- / -	- / -	- / -	- / -	2 / 0.695
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.250	- / -	- / -	- / -	- / -	3 / 1.250
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.896	- / -	- / -	2 / 0.896
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 0.695	- / -	2 / 0.695	3 / 1.250	- / -	2 / 0.896	- / -	- / -	7 / 2.841

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	-	-	-	-	-	-	-	2	-	-	-	-	-	7
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	-	-	-	-	-	-	-	2	-	-	-	-	7

Installation: TC056 - BLOCK 1B3 HGHS				Method of Implementation: AIT				Installation Name: BLK 1B3 GFE UNIT FOR BLK 3 OEM				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.437	- / -	- / -	- / -	1 / 0.437
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TC056 - BLOCK 1B3 HGHS			
Models of Systems Affected: TC056 SURFACE EW IMPROVEMENTS BLOCK 1 - BLOCK 1B3 HGHS				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N			

Installation: TC056 - BLOCK 1B3 HGHS			Method of Implementation: AIT					Installation Name: BLK 1B3 GFE UNIT FOR BLK 3 OEM				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.437	- / -	- / -	- / -	1 / 0.437

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	

Footnotes:

(2) Change in To Complete Quantity since PB13 is due to inclusion of 1B3 systems in support of BLK3

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - TC056 - BLOCK 1 ESE				
Models of Systems Affected: SURFACE EW IMPROVEMENTS BLOCK 1 ESE			Type Modification: SHIPALT/AIT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	27.885	2.604	1.538	3.414	-	3.414	1.881	-	-	-	-	37.322
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	27.885	2.604	1.538	3.414	-	3.414	1.881	-	-	-	-	37.322
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	27.885	2.604	1.538	3.414	-	3.414	1.881	-	-	-	-	37.322
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Electronic Surveillance Enhancement (ESE) replaces the Digital Processing Unit and Digital Tracking Unit with a modern computer system. This enhanced functionality increases AntiShip Missile Defense (ASMD) capabilities by increasing the probability of correct identification of threats. ESE is also being adapted to the unique Aircraft Carrier variant configuration.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (Modification Number - Modification Title): 6 - TC056 - BLOCK 1 ESE				
Models of Systems Affected: SURFACE EW IMPROVEMENTS BLOCK 1 ESE			Type Modification: SHIPALT/AIT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC056 - BLOCK 1 ESE												
A Kits												
Recurring												
1.1.1) FMP SHIP UNITS W/BLK 1A ICAD-Q70 - NonOrganic	26 / 2.668	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 2.668
1.1.2) FMP SHIP UNITS - NonOrganic ⁽³⁾	97 / 17.602	2 / 0.962	2 / 0.977	2 / 1.230	- / -	2 / 1.230	2 / 1.279	- / -	- / -	- / -	- / -	105 / 22.050
1.1.3) NON-FMP SHORE SITE UNITS - NonOrganic	31 / 4.828	3 / 1.440	- / -	1 / 0.615	- / -	1 / 0.615	- / -	- / -	- / -	- / -	- / -	35 / 6.883
Subtotal Recurring	154 / 25.098	5 / 2.402	2 / 0.977	3 / 1.845	- / -	3 / 1.845	2 / 1.279	- / -	- / -	- / -	- / -	166 / 31.601
Total, TC056 - BLOCK 1 ESE	154 / 25.098	5 / 2.402	2 / 0.977	3 / 1.845	- / -	3 / 1.845	2 / 1.279	- / -	- / -	- / -	- / -	166 / 31.601
Total Procurement, All Modifications	154 / 25.098	5 / 2.402	2 / 0.977	3 / 1.845	- / -	3 / 1.845	2 / 1.279	- / -	- / -	- / -	- / -	166 / 31.601
Total Procurement and Support	25.098	2.402	0.977	1.845	-	1.845	1.279	-	-	-	-	31.601
TC056 - BLOCK 1 ESE Installation Cost	- / 2.787	- / 0.202	- / 0.561	- / 1.569	- / -	- / 1.569	- / 0.602	- / -	- / -	- / -	- / -	- / 5.721
Total Installation Cost	- / 2.787	- / 0.202	- / 0.561	- / 1.569	- / -	- / 1.569	- / 0.602	- / -	- / -	- / -	- / -	- / 5.721
Total Cost (Procurement + Support + Installation)	27.885	2.604	1.538	3.414	-	3.414	1.881	-	-	-	-	37.322

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (Modification Number - Modification Title): 6 - TC056 - BLOCK 1 ESE																							
Models of Systems Affected: SURFACE EW IMPROVEMENTS BLOCK 1 ESE				Type Modification: SHIPALT/AIT				Related RDT&E PEs:																							
Manufacturer Information: TC056 - BLOCK 1 ESE																															
Manufacturer Name: Northrop Grumman ⁽⁴⁾							Manufacturer Location: Goleta, CA																								
Administrative Leadtime (in Months): 0							Production Leadtime (in Months): 6																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Feb 2013	May 2013	Nov 2013	Nov 2014																											
Delivery Dates	Aug 2013	Nov 2013	May 2014	May 2015																											
Installation: TC056 - BLOCK 1 ESE																															
Method of Implementation: SHIPALTS/AIT							Installation Name: FMP SHIP UNITS W/BLK 1A ICAD-Q70																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years	26 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.000																		
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	26 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / -																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
Out	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - TC056 - BLOCK 1 ESE			
Models of Systems Affected: SURFACE EW IMPROVEMENTS BLOCK 1 ESE				Type Modification: SHIPALT/AIT				Related RDT&E PEs:			

Installation: TC056 - BLOCK 1 ESE				Method of Implementation: SHIPALT/AIT				Installation Name: FMP SHIP UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	97 / 2.338	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 2.338
FY 2012	- / -	- / 0.018	2 / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.211
FY 2013	- / -	- / -	- / -	2 / 0.712	- / -	2 / 0.712	- / -	- / -	- / -	- / -	- / -	2 / 0.712
FY 2014	- / -	- / -	- / -	2 / 0.713	- / -	2 / 0.713	- / -	- / -	- / -	- / -	- / -	2 / 0.713
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.602	- / -	- / -	- / -	- / -	2 / 0.602
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	97 / 2.338	- / 0.018	2 / 0.193	4 / 1.425	- / -	4 / 1.425	2 / 0.602	- / -	- / -	- / -	- / -	105 / 4.576

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	97	-	-	-	-	-	-	-	2	-	2	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	105
Out	97	-	-	-	-	-	-	-	2	-	2	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	105

Installation: TC056 - BLOCK 1 ESE				Method of Implementation: AIT				Installation Name: NON-FMP SHORE SITE UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	31 / 0.449	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.449
FY 2012	- / -	- / 0.184	3 / 0.368	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.552
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	1 / 0.144	- / -	1 / 0.144	- / -	- / -	- / -	- / -	- / -	1 / 0.144
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - TC056 - BLOCK 1 ESE			
Models of Systems Affected: SURFACE EW IMPROVEMENTS BLOCK 1 ESE				Type Modification: SHIPALT/AIT				Related RDT&E PEs:			

Installation: TC056 - BLOCK 1 ESE			Method of Implementation: AIT					Installation Name: NON-FMP SHORE SITE UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	31 / 0.449	- / 0.184	3 / 0.368	1 / 0.144	- / -	1 / 0.144	- / -	- / -	- / -	- / -	- / -	35 / 1.145

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	31	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	31	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Footnotes:
 (3) Production lead time is a range of 3-6 MONTHS.
 (4) Production Lead Time 3-6 Months

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM				
Models of Systems Affected: TC059 SURFACE EW IMPROVEMENTS BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	16.833	60.949	141.401	-	141.401	234.710	217.036	205.934	186.866	909.304	1,973.033
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	16.833	60.949	141.401	-	141.401	234.710	217.036	205.934	186.866	909.304	1,973.033
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	16.833	60.949	141.401	-	141.401	234.710	217.036	205.934	186.866	909.304	1,973.033

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 Block 2 will provide AN/SLQ-32(V) an upgraded antenna, receiver, and combat systems interface. The upgrades will pace the threat, improve detection and accuracy and mitigate Electromagnetic Interference (EMI). Development Status/Major Development Milestones are: Milestone C Low-Rate Initial Production (LRIP) 2Q FY13, Full Rate Production (FRP) 1Q FY15.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (Modification Number - Modification Title): 7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM					
Models of Systems Affected: TC059 SURFACE EW IMPROVEMENTS BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM													
A Kits													
Recurring													
1.1.1) FMP SHIP UNITS - NonOrganic ⁽⁵⁾ - / - 1 / 9.375 6 / 51.877 8 / 101.254 - / - 8 / 101.254 16 / 195.804 14 / 167.541 12 / 142.143 11 / 130.212 51 / 624.877 119 / 1,423.083													
1.1.2) NON-FMP SHORE SITE UNITS - NonOrganic - / - 1 / 5.882 1 / 5.905 3 / 24.131 - / - 3 / 24.131 - / - - / - - / - - / - - / - 5 / 35.918													
Subtotal Recurring - / - 2 / 15.257 7 / 57.782 11 / 125.385 - / - 11 / 125.385 16 / 195.804 14 / 167.541 12 / 142.143 11 / 130.212 51 / 624.877 124 / 1,459.001													
Total, TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM - / - 2 / 15.257 7 / 57.782 11 / 125.385 - / - 11 / 125.385 16 / 195.804 14 / 167.541 12 / 142.143 11 / 130.212 51 / 624.877 124 / 1,459.001													
Total Procurement, All Modifications - / - 2 / 15.257 7 / 57.782 11 / 125.385 - / - 11 / 125.385 16 / 195.804 14 / 167.541 12 / 142.143 11 / 130.212 51 / 624.877 124 / 1,459.001													
Total Procurement and Support - 15.257 57.782 125.385 - 125.385 195.804 167.541 142.143 130.212 624.877 1,459.001													
TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM Installation Cost - / 0.000 - / 1.576 - / 3.167 - / 16.016 - / - - / 16.016 - / 38.906 - / 49.495 - / 63.791 - / 56.654 - / 284.427 - / 514.032													
Total Installation Cost - / 0.000 - / 1.576 - / 3.167 - / 16.016 - / - - / 16.016 - / 38.906 - / 49.495 - / 63.791 - / 56.654 - / 284.427 - / 514.032													
Total Cost (Procurement + Support + Installation) 0.000 16.833 60.949 141.401 - 141.401 234.710 217.036 205.934 186.866 909.304 1,973.033													

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM											
Models of Systems Affected: TC059 SURFACE EW IMPROVEMENTS BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM										Type Modification: SHIPALT/AIT										Related RDT&E PEs: 0604757N											
Manufacturer Information: TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM																															
Manufacturer Name: Lockheed Martin ⁽⁶⁾															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 16																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Feb 2013			Feb 2013			Jan 2014			Jan 2015			Jan 2016			Jan 2017			Jan 2018											
Delivery Dates		Sep 2014			Sep 2014			May 2015			May 2016			May 2017			May 2018			May 2019											
Installation: TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM										Method of Implementation: SHIPALT/AIT										Installation Name: FMP SHIP UNITS											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / 1.576	- / 1.057	1 / 2.766	- / -	1 / 2.766	- / -	- / -	- / -	- / -	- / -	1 / 5.399																		
FY 2013		- / -	- / -	- / 2.110	2 / 7.463	- / -	2 / 7.463	4 / 10.886	- / -	- / -	- / -	- / -	6 / 20.459																		
FY 2014		- / -	- / -	- / -	- / 3.191	- / -	- / 3.191	6 / 17.544	2 / 6.051	- / -	- / -	- / -	8 / 26.786																		
FY 2015		- / -	- / -	- / -	- / 0.273	- / -	- / 0.273	- / 6.496	10 / 37.350	6 / 20.235	- / -	- / -	16 / 64.354																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / 0.561	- / 6.094	10 / 38.060	4 / 15.878	- / -	14 / 60.593																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.496	8 / 31.805	4 / 17.240	12 / 54.541																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.971	11 / 47.410	11 / 56.381																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 219.777	51 / 219.777																		
Total		- / -	- / 1.576	- / 3.167	3 / 13.693	- / -	3 / 13.693	10 / 35.487	12 / 49.495	16 / 63.791	12 / 56.654	66 / 284.427	119 / 508.290																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	4	4	-	2	4	6	2	4	4	6	2	2	4	4	66	119
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	4	4	-	2	4	6	2	4	4	6	2	2	4	70	119

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment		P-1 Line Item Nomenclature: 2312 - AN/SLQ-32			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM		
Models of Systems Affected: TC059 SURFACE EW IMPROVEMENTS BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM		Type Modification: SHIPALT/AIT			Related RDT&E PEs: 0604757N		

Installation: TC059 - BLOCK 2 ELECTRONIC SUPPORT (ES) SYSTEM			Method of Implementation: AIT					Installation Name: NON-FMP SHORE SITE UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	1 / 1.161	- / -	1 / 1.161	- / -	- / -	- / -	- / -	- / -	1 / 1.161
FY 2013	- / -	- / -	- / -	1 / 1.162	- / -	1 / 1.162	- / -	- / -	- / -	- / -	- / -	1 / 1.162
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.419	- / -	- / -	- / -	- / -	3 / 3.419
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 2.323	- / -	2 / 2.323	3 / 3.419	- / -	- / -	- / -	- / -	5 / 5.742

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	5

Footnotes:
 (5) Production Lead Time for 1st LRIP (FY12-13) 19 months, Production Lead Time for 2nd LRIP (FY14) 16 months.
 (6) The FY13 unit price is based on the contract target price plus unit costs for Common Display System (CDS), Common Processor System (CPS), and AN/SLA-10D blanker. The FY14-18 unit costs are based on the program's life cycle cost estimate which uses the FY13 contract ceiling price, current pricing plus inflation for CDS/CPS, SLA-10D, and the inclusion of Common Electronic Module (CEM) kit.

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM		
Models of Systems Affected: TC060 SURFACE EW IMPROVEMENTS BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	1.098	94.100	143.323	2,366.530	2,605.051
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	1.098	94.100	143.323	2,366.530	2,605.051
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	1.098	94.100	143.323	2,366.530	2,605.051
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Block 3 will provide an Electronic Attack (EA) capability improvement required for the AN/SLQ-32(V) system to keep pace with the threat. The upgrade will provide a common EA capability to all surface combatants (CVN,CG, DDG, LHA) outfitted with the active variant of the AN/SLQ-32, mainly the (V)3 and (V)4, as well as select new-construction platforms. The program builds on the EW Electronic Support (ES) capability delivered by Blocks 1 and 2. Development Status/Major Milestones are: Milestone C Low-Rate Initial Production (LRIP) 2Q FY 17, IOT&E, 4Q FY18												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32					Modification Nomenclature (Modification Number - Modification Title): 8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM				
Models of Systems Affected: TC060 SURFACE EW IMPROVEMENTS BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM				Type Modification: SHIPALT/AIT					Related RDT&E PEs: 0604757N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM													
A Kits													
Recurring													
1.1.1) FMP SHIP UNITS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 48.489	2 / 87.760	44 / 1,723.428	47 / 1,859.677	
1.1.2) NON-FMP SHORE SITE UNITS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 41.567	1 / 37.162	- / -	2 / 78.729	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 90.056	3 / 124.922	44 / 1,723.428	49 / 1,938.406	
Total, TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 90.056	3 / 124.922	44 / 1,723.428	49 / 1,938.406	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 90.056	3 / 124.922	44 / 1,723.428	49 / 1,938.406	
Total Procurement and Support	-	-	-	-	-	-	-	-	90.056	124.922	1,723.428	1,938.406	
TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.098	- / 4.044	- / 18.401	- / 643.102	- / 666.645	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.098	- / 4.044	- / 18.401	- / 643.102	- / 666.645	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	1.098	94.100	143.323	2,366.530	2,605.051	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment										P-1 Line Item Nomenclature: 2312 - AN/SLQ-32										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM												
Models of Systems Affected: TC060 SURFACE EW IMPROVEMENTS BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM										Type Modification: SHIPALT/AIT										Related RDT&E PEs: 0604757N												
Manufacturer Information: TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM																																
Manufacturer Name: New MFG - Name ⁽⁷⁾															Manufacturer Location: New MFG - Loc																	
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 18																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates																						Dec 2016				Dec 2017						
Delivery Dates																						Jun 2018				Jun 2019						
Installation: TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM										Method of Implementation: SHIPALT/AIT										Installation Name: FMP SHIP UNITS												
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.098	- / 3.010	1 / 10.850	- / -	1 / 14.958																			
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.034	- / 2.671	2 / 27.821	2 / 31.526																			
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.296	44 / 612.061	44 / 614.357																			
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.098	- / 4.044	1 / 15.817	46 / 639.882	47 / 660.841																			
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	46	47
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		47	47

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM			
Models of Systems Affected: TC060 SURFACE EW IMPROVEMENTS BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N			

Installation: TC060 - BLOCK 3 ELECTRONIC ATTACK (EA) SYSTEM			Method of Implementation: AIT					Installation Name: NON-FMP SHORE SITE UNITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.584	- / -	1 / 2.584
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.220	1 / 3.220
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.584	1 / 3.220	2 / 5.804

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2

Footnotes:

(7) First delivery in June 2018 with first installs FY18 Q4

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System				
Models of Systems Affected: TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	17.680	-	17.680	2.786	-	-	-	-	20.466
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	17.680	-	17.680	2.786	-	-	-	-	20.466
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	17.680	-	17.680	2.786	-	-	-	-	20.466
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Block 3T was added as a result of Issue 61277. Issue provided hardware funding only and no associated installation funding. Program will prepare issue papers and coordinate with OPNAV sponsor to secure funding for DSA in FY15 and funding to support installations in FY16. Block 3T will provide an Electronic Attack (EA) capability improvement required for the AN/SLQ32(V) system to keep pace with the threat. Block 3T provides initial, limited interim capability of a focused application of the Naval Research Lab (NRL) Transportable EW Module (TEWM) system to meet an urgent operational needs statement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment				P-1 Line Item Nomenclature: 2312 - AN/SLQ-32				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System				
Models of Systems Affected: TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System				Type Modification: SHIPALT/AIT				Related RDT&E PEs: 0604757N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System												
A Kits												
Recurring												
1.1.1) FMP SHIP UNITS - NonOrganic	- / -	- / -	- / -	4 / 17.680	- / -	4 / 17.680	- / -	- / -	- / -	- / -	- / -	4 / 17.680
<i>Subtotal Recurring</i>	- / -	- / -	- / -	4 / 17.680	- / -	4 / 17.680	- / -	- / -	- / -	- / -	- / -	4 / 17.680
<i>Total, TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System</i>	- / -	- / -	- / -	4 / 17.680	- / -	4 / 17.680	- / -	- / -	- / -	- / -	- / -	4 / 17.680
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	4 / 17.680	- / -	4 / 17.680	- / -	- / -	- / -	- / -	- / -	4 / 17.680
Support												
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-
<i>Total Procurement and Support</i>	0.000	-	-	17.680	-	17.680	-	-	-	-	-	17.680
TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 2.786	- / -	- / -	- / -	- / -	- / 2.786
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 2.786	- / -	- / -	- / -	- / -	- / 2.786
Total Cost (Procurement + Support + Installation)	0.000	-	-	17.680	-	17.680	2.786	-	-	-	-	20.466

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 4: Electronic Warfare Equipment								P-1 Line Item Nomenclature: 2312 - AN/SLQ-32								Modification Nomenclature (Modification Number - Modification Title): 9 - TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System															
Models of Systems Affected: TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System								Type Modification: SHIPALT/AIT								Related RDT&E PEs: 0604757N															
Manufacturer Information: TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System																															
Manufacturer Name: New MFG - Name														Manufacturer Location: New MFG - Loc																	
Administrative Leadtime (in Months): 0														Production Leadtime (in Months): 18																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Jan 2014																					
Delivery Dates										Jun 2015																					
Installation: TC060 - BLOCK 3T SURFACE EW IMPROVEMENTS EA System														Method of Implementation: [none specified]										Installation Name: FMP SHIP UNITS							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		4 / 2.786		- / -		- / -		- / -		- / -		- / -		4 / 2.786						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -	- / -		- / -		- / -		- / -		- / -		4 / 2.786		- / -		- / -		- / -		- / -		- / -		4 / 2.786						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	4

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment							P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0304785N				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	739.490	99.447	107.060	123.656	-	123.656	150.505	152.015	164.646	167.936	-	1,704.755
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	739.490	99.447	107.060	123.656	-	123.656	150.505	152.015	164.646	167.936	-	1,704.755
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	739.490	99.447	107.060	123.656	-	123.656	150.505	152.015	164.646	167.936	-	1,704.755
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	3.892	3.012	2.889	-	2.889	2.210	1.952	2.174	5.746	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
[P40A / 1U027 Communication Data Link System (CDLS)]: CDLS provides network interface capability, wideband encryption, and command link upgrades to the Common High Bandwidth Data Link-Shipboard Terminal (CHBDL-ST) baseline system. CDLS provides a wideband data link between Navy/Joint airborne sensor systems and the shipboard processors of national and tactical reconnaissance programs. It is designed to communicate with the Signals Intelligence Mission and the Distributed Common Ground Station - Navy. CDLS benefits the fleet by providing horizon extension for line-of-sight sensor systems for use in time critical strike missions and is interoperable with the FA-18 Shared Reconnaissance Pod, Tactical Common Data Link (TCDL) equipped P-3C and electronics EP-3E Navy Aircraft, United States Air Force Dual Data Link II equipped special aircraft, and Global Hawk High Altitude Endurance Unmanned Aerial Vehicle. The Video Interface Group kit is an additional workstation that provides streaming video display, record, and playback capability to support TCDL equipped Navy aircraft. To meet National Security Agency Communications Security (COMSEC) mandate, funding will support the procurement and installation of an Engineering Change Proposal (ECP) upgrade including KI-11 crypto.

[P40A / 1U029 Information Warfare (IW) Training Equipment]: IW Training Equipment provides operator, unit or multi-unit level training on Tactical Cryptologic Systems (TCS). This equipment enhances initial skills, provides refresher training and increases proficiency of the operator on TCS through the generation and replay of operational scenarios by software simulation versus hardware stimulation. IW training equipment is updated based on new variants of Ships Signal Exploitation Equipment (SSEE) Increment (Inc) E and F systems. Additionally this line supports the procurement of the STALLION (Formerly known as Cryptologic On-Line Trainer) hardware for Shipboard IW team training.

[P3A / 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship]: ECP/Obsolescence procures Commercial Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and unsupportable equipment for the Ships Signal Exploitation Equipment (SSEE) Increment (Inc) E program and incorporates Pre-Planned Product Improvements (P3I) for the acquisition and localization of Signals of Interest (SOI) and Electronic Warfare (EW). These changes allow for a common logistic support baseline and provide the hardware and software to incorporate P3I/new COTS base technologies. Specifically, this funds field change kits/ECPs that may also include all or some of the following upgrades; Tapered Slot Antennas (TSA), Hostile Force Integration Targeting Subsystems (HITS) hosted on Digital Receiver Technology (DRT), Radio Frequency Distribution Unit (RFDU) Backfits, Global Positioning System (GPS) Selective Availability Anti-Spoofing Modules (SAASM), various antenna types, various hardware (to include blade servers) and software upgrades, and equipment to provide Information Operation (IO)/EW acquisition capabilities and localization of modern threat communications and SOI.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0304785N									

MDAP/MAIS Code(s):

[P3A / 1U017 SSEE Increment E]: The Ship Signal Exploitation Equipment (SSEE) Program will provide strike groups with Information Operation (IO) / non-kinetic capabilities and the subsequent ability to exploit Signals Of Interest (SOI) by providing a state-of-the-art system which detects, acquires, and collects data on any potential threat.

[P3A / 1U017 SSEE Increment F Ship]: The SSEE Inc F program is an incremental acquisition, COTS/NDI program designed as the building block to improve the Information Warfare (IW) exploitation / IO / non-kinetic and subsequent tactical cryptologic capability across Navy surface combatant platforms. SSEE Inc F provides the afloat IW / cryptologist with IO / non-kinetic capabilities and subsequent threat identification and analysis of Communications Intelligence as well as queuing of radio direction finding assets. Equipment includes receivers, Radio Frequency management systems, recorders, audio distribution systems, computers, antennas and ancillary hardware. The system is upgraded incrementally as improvements are developed. SSEE Inc F employs the Maritime Cryptologic Strategy for the 21st century concept of a single core architecture that is easily modernized and scaled in capability. The system design permits the rapid insertion of new and emerging P3I to address the evolving threat. The system utilizes generic processor technology to counteract obsolescence issues with digital signal processing / field programmable gate array technologies and provide software receivers for ease of modification to deal with known and projected threat SOI. Automated signal acquisition and integrated radio direction finding are incorporated into the SSEE Inc F system.

[P3A / 1U018/1U019 Paragon-Graywing]: Paragon is a classified Navy tactical signals intelligence frequency extension capability that will be integrated into SSEE systems. This capability provides simultaneous detection, collection, processing, IO and display of communication intelligence data from hostile, high threat and adversary platforms in select frequency ranges that are not prosecuted or countered today. Graywing is an advanced common data link system that will be integrated into SSEE systems. It is a critical component of "Ballistic Missile Defense, Executive Committee, Anti-Submarine Warfare, Chief of Naval Operations, Executive Board IO Countermeasure Red Flash" initiative (details held at a higher classification level).

[P3A / 1U014 Engineering Change Proposal (ECP) Increment F]: Engineering Change Proposal (ECP)/Obsolescence procures Commercial Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and end-of-life (EOL) equipment for the Ship's Signal Exploitation Equipment (SSEE) Increment F program. ECP incorporates P3I for the acquisition and localization of the latest Signals of Interest (SOI) and Information Operations (IO). ECP maintains and improves upon SSEE INC F's capability and relevance within a rapidly evolving threat environment.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Shipboard IW Exploit	P40A, P5A				8.156			4.266			4.152			0.838			-			0.838
1 - 1U013 Engineering Change Proposal (ECP)/ Obsolescence Ship	P3A				326.228			8.730			7.591			9.092			-			9.092
2 - 1U017 SSEE Increment E	P3A				290.292			-			-			-			-			-
3 - 1U017 SSEE Increment F Ship	P3A				84.680			72.319			77.857			71.896			-			71.896
4 - 1U017 SSEE Inc F - Shore	P3A				30.134			4.858			-			-			-			-
5 - 1U018/1U019 Paragon-Graywing	P3A				0.000			-			7.310			30.955			-			30.955
6 - 1U018/19 Paragon-Graywing Shore	P3A				0.000			-			7.110			7.852			-			7.852

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment											P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0304785N									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
7 - 1U014 Engineering Change Proposal (ECP) Increment F	P3A				0.000			8.224			2.890			3.023			-			3.023
8 - 1U014 Engineering Change Proposal (ECP) Increment F Shore	P3A				0.000			1.050			0.150			-			-			-
Total Gross/Weapon System Cost					739.490			99.447			107.060			123.656			-			123.656

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Shipboard IW Exploit	P40A, P5A				-			-			-			-			-			-
1 - 1U013 Engineering Change Proposal (ECP)/ Obsolescence Ship	P3A				8.220			7.094			2.160			-			-			369.115
2 - 1U017 SSEE Increment E	P3A				-			-			-			-			-			290.292
3 - 1U017 SSEE Increment F Ship	P3A				74.601			68.998			75.711			87.749			-			613.811
4 - 1U017 SSEE Inc F - Shore	P3A				-			-			-			-			-			34.992
5 - 1U018/1U019 Paragon-Graywing	P3A				52.495			60.804			79.149			77.303			-			308.016
6 - 1U018/19 Paragon-Graywing Shore	P3A				10.192			3.400			0.405			-			-			28.959
7 - 1U014 Engineering Change Proposal (ECP) Increment F	P3A				4.142			10.847			6.333			2.478			-			37.937
8 - 1U014 Engineering Change Proposal (ECP) Increment F Shore	P3A				-			-			-			-			-			1.200
Total Gross/Weapon System Cost					150.505			152.015			164.646			167.936			-			1,704.755

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 PROCUREMENT DATA:
 FY14 funding will procure: (1) Information Warfare (IW) Training Unit; (6) SSEE Inc F Systems; (5) Engineering Change Proposal (ECP)/Field Change Kits (SSEE INC F); (7) Medusa; (10) Engineering Change Proposal (ECP)/Field Change Kits (SSEE INC E); (5) Paragon and (5) Graywing.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment						P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Aggregated Item Name: Shipboard IW Exploit				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 1U027 Communication Data Link System (CDLS) (†)																				
† 1.1) Communication Data Link System (CDLS)	A		-	-	-	204.000	15	3.060	205.600	15	3.084	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 1U027 Communication Data Link System (CDLS)</i>					-			3.060			3.084			-			-			-
2) 1U029 Information Warfare (IW) Training Equipment																				
† 2.1) Information Warfare (IW) Training Equipment	A		8,156.000	1	8.156	819.000	1	0.819	821.000	1	0.821	838.000	1	0.838	-	-	-	838.000	1	0.838
<i>Subtotal 2) 1U029 Information Warfare (IW) Training Equipment</i>					8.156			0.819			0.821			0.838			-			0.838
3) 1U555 Production Support																				
3.1) CDLS	A		-	-	-	-	-	0.184	-	-	0.049	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 1U555 Production Support</i>					-			0.184			0.049			-			-			-
4) 1U777 - CDL Install (Ship)																				
4.1) CDLS	A		-	-	-	-	-	0.203	-	-	0.198	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) 1U777 - CDL Install (Ship)</i>					-			0.203			0.198			-			-			-
Total					8.156			4.266			4.152			0.838			-			0.838

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment						P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Aggregated Item Name: Shipboard IW Exploit				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 1U027 Communication Data Link System (CDLS) (1)																				
† 1.1) Communication Data Link System (CDLS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 1U027 Communication Data Link System (CDLS)</i>					-			-			-			-			-			-
2) 1U029 Information Warfare (IW) Training Equipment																				
† 2.1) Information Warfare (IW) Training Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) 1U029 Information Warfare (IW) Training Equipment</i>					-			-			-			-			-			-
3) 1U555 Production Support																				
3.1) CDLS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 1U555 Production Support</i>					-			-			-			-			-			-
4) 1U777 - CDL Install (Ship)																				
4.1) CDLS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) 1U777 - CDL Install (Ship)</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) CDLS funding supports crypto status module drawers for Communications Security (COMSEC) compliance per National Security Agency mandate.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Aggregated Item Name: Shipboard IW Exploit			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) 1U027 Communication Data Link System (CDLS)												
1.1) Communication Data Link System (CDLS)		2012	CUBIC / CALIFORNIA	SS / CPFF	San Diego, CA	Apr 2012	Feb 2013	15	204.000	Y		Sep 2011
1.1) Communication Data Link System (CDLS)		2013	CUBIC / CALIFORNIA	SS / CPFF	San Diego, CA	Nov 2012	Sep 2013	15	205.600	Y		Sep 2011
2) 1U029 Information Warfare (IW) Training Equipment												
2.1) Information Warfare (IW) Training Equipment		2012	SSC PAC / San Diego, CA	WR	San Diego, CA	Nov 2011	Aug 2012	1	819.000	Y		
2.1) Information Warfare (IW) Training Equipment		2013	SSC PAC / San Diego, CA	WR	San Diego, CA	Nov 2012	Aug 2013	1	821.000	Y		
2.1) Information Warfare (IW) Training Equipment		2014	SSC PAC / San Diego, CA	WR	San Diego, CA	Nov 2013	Aug 2014	1	838.000	Y		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship			

Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	326.228	8.730	7.591	9.092	-	9.092	8.220	7.094	2.160	-	-	369.115
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	326.228	8.730	7.591	9.092	-	9.092	8.220	7.094	2.160	-	-	369.115
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	326.228	8.730	7.591	9.092	-	9.092	8.220	7.094	2.160	-	-	369.115
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Engineering Change Proposal (ECP)/Obsolescence procures Commercial Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete, end of life and unsupportable equipment for the Ships Signal Exploitation Equipment (SSEE) Increment E program. ECP incorporates Pre-Planned Product Improvements (P3I) for the acquisition and localization of the latest, fleet-defined and prioritized Signals of Interest (SOI) and Information Operations (IO). ECP changes allow for a common logistic support baseline and provide the hardware and software to incorporate P3I/new COTS base technologies.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 1 - 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship					
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
1U013 Engineering Change Proposal (ECP)/ Obsolescence Ship													
B Kits													
Recurring													
1.1.1) SSEE Inc E ECP's (Prior Year) - NonOrganic	35 / 232.792	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 232.792	
1.1.2) SSEE Inc E Group II (A) Field Change Kit - NonOrganic ⁽²⁾	21 / 28.132	8 / 3.140	14 / 3.540	10 / 3.049	- / -	10 / 3.049	10 / 3.273	8 / 2.517	- / -	- / -	- / -	71 / 43.651	
1.1.3) SSEE Inc E Group III (Antenna Upgrades) - NonOrganic	20 / 8.760	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 8.760	
1.1.4) MEDUSA - NonOrganic ⁽³⁾	9 / 4.500	12 / 3.000	4 / 1.000	7 / 1.820	- / -	7 / 1.820	6 / 1.620	5 / 1.400	- / -	- / -	- / -	43 / 13.340	
1.1.5) MEDUSA - Non Installed - Organic	5 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.500	
Subtotal Recurring	90 / 276.684	20 / 6.140	18 / 4.540	17 / 4.869	- / -	17 / 4.869	16 / 4.893	13 / 3.917	- / -	- / -	- / -	174 / 301.043	
Total, 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship	90 / 276.684	20 / 6.140	18 / 4.540	17 / 4.869	- / -	17 / 4.869	16 / 4.893	13 / 3.917	- / -	- / -	- / -	174 / 301.043	
Total Procurement, All Modifications	90 / 276.684	20 / 6.140	18 / 4.540	17 / 4.869	- / -	17 / 4.869	16 / 4.893	13 / 3.917	- / -	- / -	- / -	174 / 301.043	
Support													
2.1) Production Support	- / 1.332	- / 0.306	- / 0.207	- / 0.243	- / -	- / 0.243	- / 0.334	- / 0.235	- / -	- / -	- / -	- / 2.657	
2.2) DSA - Ship	- / 0.740	- / 0.546	- / 0.780	- / 0.832	- / -	- / 0.832	- / 0.735	- / 0.686	- / 0.254	- / -	- / -	- / 4.573	
Total Support, All Modifications	2.072	0.852	0.987	1.075	-	1.075	1.069	0.921	0.254	-	-	7.230	
Total Procurement and Support	278.756	6.992	5.527	5.944	-	5.944	5.962	4.838	0.254	-	-	308.273	
1U013 Engineering Change Proposal (ECP)/ Obsolescence Ship Installation Cost	- / 47.472	- / 1.738	- / 2.064	- / 3.148	- / -	- / 3.148	- / 2.258	- / 2.256	- / 1.906	- / -	- / -	- / 60.842	
Total Installation Cost	- / 47.472	- / 1.738	- / 2.064	- / 3.148	- / -	- / 3.148	- / 2.258	- / 2.256	- / 1.906	- / -	- / -	- / 60.842	
Total Cost (Procurement + Support + Installation)	326.228	8.730	7.591	9.092	-	9.092	8.220	7.094	2.160	-	-	369.115	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship				
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Manufacturer Information: 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship												
Manufacturer Name: TICOM-SSEE Inc E Grp II(A)						Manufacturer Location: TX						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	May 2012	Apr 2013	Nov 2013									
Delivery Dates	May 2013	Apr 2014	Nov 2014									
Manufacturer Name: SSC LANT/Various-SSEE Inc E Grp II(A)						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jun 2012	Nov 2012	Nov 2013									
Delivery Dates	Jun 2013	Nov 2013	Nov 2014									
Manufacturer Name: SSC LANT/Various-MEDUSA						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jun 2012	Nov 2012	Nov 2013									
Delivery Dates	Jun 2013	Nov 2013	Nov 2014									
Installation: 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship												
Method of Implementation: [none specified]				Installation Name: ECP/OBSOLESCENCE								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	63 / 47.472	11 / 1.738	- / -	7 / 0.364	0 / 0.000	7 / 0.364	- / -	- / -	- / -	- / -	- / -	81 / 49.574
FY 2012	- / -	- / -	20 / 2.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.064
FY 2013	- / -	- / -	- / -	18 / 2.784	- / -	18 / 2.784	- / -	- / -	- / -	- / -	- / -	18 / 2.784
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	17 / 2.258	- / -	- / -	- / -	- / -	17 / 2.258
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.256	- / -	- / -	- / -	16 / 2.256
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 1.906	- / -	- / -	13 / 1.906
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 1U013 Engineering Change Proposal (ECP)/Obsolescence Ship													
Models of Systems Affected: Various										Type Modification: Upgrade										Related RDT&E PEs: 0304785N													
Installation: 1U013 Engineering Change Proposal (ECP)/ Obsolescence Ship										Method of Implementation: [none specified]										Installation Name: ECP/OBSOLESCENCE													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -	
Total										63 / 47.472		11 / 1.738		20 / 2.064		25 / 3.148		- / -		25 / 3.148		17 / 2.258		16 / 2.256		13 / 1.906		- / -		- / -		165 / 60.842	
Installation Schedule																																	
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	63	-	-	1	5	5	-	7	6	8	5	10	3	6	3	4	5	5	5	6	5	-	5	5	3	-	-	-	-	-	165		
Out	63	-	-	1	5	5	-	7	4	10	4	9	2	9	3	4	5	5	5	6	5	-	5	5	3	-	-	-	-	-	165		
Footnotes:																																	
(2) ECP equipment being procured supports SSEE Inc E. ECPs are then grouped into "Field Change Kits" based on configuration of the Lot and/or Variant being upgraded for installation. - Unit cost listed above is the average unit cost, which ranges from \$.160M to \$.800M. Average unit cost fluctuations are attributable to variances in system configuration requirements among platforms. SSEE INC E consists of 6 variants on 9 different platform types. Additionally, older SSEE INC E variants will require additional equipment to bring the system up to the latest baseline. - SSEE E Group II (A) Field Change Kits (FCK) include HITS/DRTs/blade servers and antenna rotors as part of the FCK. - Installation quantities may reflect multiple ECP Procurements based on ship configuration. - First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. (3) 5 of 7 FY11 procured Medusa units will be delivered to the Fleet Electronic Support (FES) activity as stand alone carry on units in FY12																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment	P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - 1U017 SSEE Increment E

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0304785N					

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	290.292	-	-	-	-	-	-	-	-	-	-	290.292
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	290.292	-	-	-	-	-	-	-	-	-	-	290.292
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	290.292	-	-	-	-	-	-	-	-	-	-	290.292

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Ship Signal Exploitation Equipment (SSEE) Program will provide strike groups with Information Operation (IO) / non-kinetic capabilities and the subsequent ability to exploit Signals Of Interest (SOI) by providing a state-of-the-art system which detects, acquires, and collects data on any potential threat.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Modification Nomenclature (Modification Number - Modification Title): 2 - 1U017 SSEE Increment E				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
1U017 SSEE Increment E													
B Kits													
Recurring													
1.1.1) 1U017 SSEE Inc E - Ship - NonOrganic ⁽⁴⁾	51 / 198.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 198.963	
Subtotal Recurring	51 / 198.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 198.963	
Total, 1U017 SSEE Increment E	51 / 198.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 198.963	
Total Procurement, All Modifications	51 / 198.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 198.963	
Support													
2.1) Production Support	- / 16.998	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.998	
2.2) DSA (Ship)	15 / 15.343	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 15.343	
Total Support, All Modifications	32.341	-	-	-	-	-	-	-	-	-	-	32.341	
Total Procurement and Support	231.304	-	-	-	-	-	-	-	-	-	-	231.304	
1U017 SSEE Increment E Installation Cost	- / 58.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 58.988	
Total Installation Cost	- / 58.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 58.988	
Total Cost (Procurement + Support + Installation)	290.292	-	-	-	-	-	-	-	-	-	-	290.292	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 1U017 SSEE Increment E											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0304785N											
Manufacturer Information: 1U017 SSEE Increment E																															
Manufacturer Name: Manufacturer Name Not Provided.														Manufacturer Location: Manufacturer Location Not Provided.																	
Administrative Leadtime (<i>in Months</i>):														Production Leadtime (<i>in Months</i>):																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: 1U017 SSEE Increment E										Method of Implementation: Ship										Installation Name: 1U017 SSEE Inc E - Ship											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		51 / 58.988		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		51 / 58.988					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		51 / 58.988		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		51 / 58.988					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Out	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Installation: 1U017 SSEE Increment E										Method of Implementation: Not Installed - DSA (Ship)										Installation Quantity: 15											
Footnotes: (4) - Install from prior year won't be complete until 1st Qtr of FY12.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment	P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - 1U017 SSEE Increment F Ship	

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0304785N

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	84.680	72.319	77.857	71.896	-	71.896	74.601	68.998	75.711	87.749	-	613.811
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	84.680	72.319	77.857	71.896	-	71.896	74.601	68.998	75.711	87.749	-	613.811
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	84.680	72.319	77.857	71.896	-	71.896	74.601	68.998	75.711	87.749	-	613.811

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Ship Signal Exploitation Equipment (SSEE) Program will provide strike groups with Information Operation (IO) / non-kinetic capabilities and the subsequent ability to exploit Signals Of Interest (SOI) by providing a state-of-the-art system which detects, acquires, and collects data on any potential threat.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 3 - 1U017 SSEE Increment F Ship				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
1U017 SSEE Increment F Ship												
B Kits												
Recurring												
1.1.1) Inc F Systems (Ship) - NonOrganic ⁽⁵⁾	10 / 70.170	8 / 57.976	7 / 53.102	6 / 47.160	- / -	6 / 47.160	7 / 55.370	6 / 47.760	7 / 56.070	8 / 64.800	- / -	59 / 452.408
Subtotal Recurring	10 / 70.170	8 / 57.976	7 / 53.102	6 / 47.160	- / -	6 / 47.160	7 / 55.370	6 / 47.760	7 / 56.070	8 / 64.800	- / -	59 / 452.408
Total, 1U017 SSEE Increment F Ship	10 / 70.170	8 / 57.976	7 / 53.102	6 / 47.160	- / -	6 / 47.160	7 / 55.370	6 / 47.760	7 / 56.070	8 / 64.800	- / -	59 / 452.408
Total Procurement, All Modifications	10 / 70.170	8 / 57.976	7 / 53.102	6 / 47.160	- / -	6 / 47.160	7 / 55.370	6 / 47.760	7 / 56.070	8 / 64.800	- / -	59 / 452.408
Support												
2.1) Production Support (Ship)	- / 5.762	- / 3.214	- / 2.603	- / 2.425	- / -	- / 2.425	- / 3.337	- / 2.794	- / 3.075	- / 3.308	- / -	- / 26.518
2.2) DSA (Ship)	- / 2.448	- / 2.729	- / 3.252	- / 3.096	- / -	- / 3.096	- / 2.838	- / 2.862	- / 2.988	- / 3.527	- / -	- / 23.740
Total Support, All Modifications	8.210	5.943	5.855	5.521	-	5.521	6.175	5.656	6.063	6.835	-	50.258
Total Procurement and Support	78.380	63.919	58.957	52.681	-	52.681	61.545	53.416	62.133	71.635	-	502.666
1U017 SSEE Increment F Ship Installation Cost	- / 6.300	- / 8.400	- / 18.900	- / 19.215	- / -	- / 19.215	- / 13.056	- / 15.582	- / 13.578	- / 16.114	- / -	- / 111.145
Total Installation Cost	- / 6.300	- / 8.400	- / 18.900	- / 19.215	- / -	- / 19.215	- / 13.056	- / 15.582	- / 13.578	- / 16.114	- / -	- / 111.145
Total Cost (Procurement + Support + Installation)	84.680	72.319	77.857	71.896	-	71.896	74.601	68.998	75.711	87.749	-	613.811

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment		P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 1U017 SSEE Increment F Ship		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0304785N

Manufacturer Information: 1U017 SSEE Increment F Ship							
Manufacturer Name: ARGON - SSEE INC F FRP				Manufacturer Location: Fairfax, VA			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Dec 2012	Nov 2013				
Delivery Dates	Feb 2013	Nov 2013	Nov 2014				

Installation: 1U017 SSEE Increment F Ship				Method of Implementation: Ship				Installation Name: Inc F Systems (Ship)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	3 / 6.300	4 / 8.400	3 / 6.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 21.000
FY 2012	- / -	- / -	6 / 12.600	2 / 4.270	- / -	2 / 4.270	- / -	- / -	- / -	- / -	- / -	8 / 16.870
FY 2013	- / -	- / -	- / -	7 / 14.945	- / -	7 / 14.945	- / -	- / -	- / -	- / -	- / -	7 / 14.945
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	6 / 13.056	- / -	- / -	- / -	- / -	6 / 13.056
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 15.582	- / -	- / -	- / -	7 / 15.582
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 13.578	- / -	- / -	6 / 13.578
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 16.114	- / -	7 / 16.114
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / -	8 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 6.300	4 / 8.400	9 / 18.900	9 / 19.215	- / -	9 / 19.215	6 / 13.056	7 / 15.582	6 / 13.578	7 / 16.114	8 / -	59 / 111.145

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	3	-	-	-	-	4	1	2	4	2	2	-	2	5	2	-	2	2	2	3	2	1	2	3	-	1	3	2	1	8	59
Out	3	-	-	-	-	4	1	-	6	2	1	1	1	6	2	-	2	2	2	3	2	1	2	3	-	1	3	2	1	8	59

Footnotes:
⁽⁵⁾ - First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. -Increase in INC F System unit cost from FY13 to FY14 due to procurement quantity falling below contractual price breaks and inflation. -Increase in INC F System unit cost in FY15 due to inflation and anticipated increase in production costs due to production contract change (current contract expires FY14).

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment			P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Modification Nomenclature (Modification Number - Modification Title): 4 - 1U017 SSEE Inc F - Shore				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	30.134	4.858	-	-	-	-	-	-	-	-	-	34.992
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	30.134	4.858	-	-	-	-	-	-	-	-	-	34.992
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	30.134	4.858	-	-	-	-	-	-	-	-	-	34.992
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ## The FY 2014 OCO Request will be submitted at a later date Description: The Ship Signal Exploitation Equipment (SSEE) Program will provide strike groups with Information Operation (IO) / non-kinetic capabilities and the subsequent ability to exploit Signals Of Interest (SOI) by providing a state-of-the-art system which detects, acquires, and collects data on any potential threat. [Training Equipment - Training Simulators]												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 4 - 1U017 SSEE Inc F - Shore				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
1U017 SSEE Inc F - Shore												
B Kits												
Recurring												
1.1.1) SSEE Inc F - Shore - NonOrganic3 / 20.710- / - - / - - / - - / - - / - - / - - / - - / - 3 / 20.710												
1.1.2) Training Equipment - Training Simulators - NonOrganic (6)3 / 6.5421 / 2.858- / - - / - - / - - / - - / - - / - - / - - / - 4 / 9.400												
Subtotal Recurring6 / 27.2521 / 2.858- / - - / - - / - - / - - / - - / - - / - 7 / 30.110												
Total, 1U017 SSEE Inc F - Shore6 / 27.2521 / 2.858- / - - / - - / - - / - - / - - / - - / - 7 / 30.110												
Total Procurement, All Modifications6 / 27.2521 / 2.858- / - - / - - / - - / - - / - - / - - / - 7 / 30.110												
Support												
2.1) Production Support- / 1.382- / 0.290- / - - / - - / - - / - - / - - / - - / - - / 1.672												
Total Support, All Modifications1.3820.290- - - - - - - - 1.672												
Total Procurement and Support28.6343.148- - - - - - - - 31.782												
1U017 SSEE Inc F - Shore Installation Cost- / 1.500- / 1.710- / - - / - - / - - / - - / - - / - - / 3.210												
Total Installation Cost- / 1.500- / 1.710- / - - / - - / - - / - - / - - / - - / 3.210												
Total Cost (Procurement + Support + Installation)30.1344.858- - - - - - - - 34.992												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 1U017 SSEE Inc F - Shore											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0304785N																
Manufacturer Information: 1U017 SSEE Inc F - Shore																															
Manufacturer Name: ARGON - Training Simulator													Manufacturer Location: Fairfax, VA																		
Administrative Leadtime (<i>in Months</i>): 5													Production Leadtime (<i>in Months</i>): 6																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012																													
Delivery Dates		Sep 2012																													
Installation: 1U017 SSEE Inc F - Shore										Method of Implementation: Method										Installation Name: SSEE INC F Shore											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		2 / 1.500		4 / 1.410		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 2.910					
FY 2012		- / -		1 / 0.300		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.300					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		2 / 1.500		5 / 1.710		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 3.210					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	2	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Out	2	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Footnotes: ⁽⁶⁾ Prior Year Production lead time for Training Simulators was 15 months due to new configuration and design with unique production processes.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment			P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Modification Nomenclature (Modification Number - Modification Title): 5 - 1U018/1U019 Paragon-Graywing				
Models of Systems Affected: Various			Type Modification: Upgrade					Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	7.310	30.955	-	30.955	52.495	60.804	79.149	77.303	-	308.016
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	7.310	30.955	-	30.955	52.495	60.804	79.149	77.303	-	308.016
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	7.310	30.955	-	30.955	52.495	60.804	79.149	77.303	-	308.016
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Paragon is a classified Navy tactical signals intelligence frequency extension capability that will be integrated into Ship Signal Exploitation Equipment (SSEE) systems. This capability provides simultaneous detection, collection, processing, Information Operations and display of communication intelligence data from hostile, high threat and adversary platforms in select frequency ranges that are not prosecuted or countered today. Graywing is an advanced common data link system that will be integrated into SSEE Inc E and Inc F systems. It is a critical component of "Ballistic Missile Defense, Executive Committee, Anti-Submarine Warfare, Chief of Naval Operations, Executive Board Information Operation (IO) Countermeasure Red Flash" (details held at a higher classification level). [Paragon]												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 5 - 1U018/1U019 Paragon-Graywing					
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
1U018/1U019 Paragon-Graywing													
B Kits													
Recurring													
1.1.1) Paragon - Organic ⁽⁷⁾	- / -	- / -	1 / 3.200	4 / 13.040	- / -	4 / 13.040	- / -	- / -	- / -	- / -	- / -	5 / 16.240	
1.1.2) Graywing - NonOrganic ⁽⁸⁾	- / -	- / -	1 / 3.500	4 / 14.200	- / -	4 / 14.200	8 / 41.944	9 / 47.340	12 / 63.360	11 / 58.300	- / -	45 / 228.644	
Subtotal Recurring	- / -	- / -	2 / 6.700	8 / 27.240	- / -	8 / 27.240	8 / 41.944	9 / 47.340	12 / 63.360	11 / 58.300	- / -	50 / 244.884	
Total, 1U018/1U019 Paragon-Graywing	- / -	- / -	2 / 6.700	8 / 27.240	- / -	8 / 27.240	8 / 41.944	9 / 47.340	12 / 63.360	11 / 58.300	- / -	50 / 244.884	
Total Procurement, All Modifications	- / -	- / -	2 / 6.700	8 / 27.240	- / -	8 / 27.240	8 / 41.944	9 / 47.340	12 / 63.360	11 / 58.300	- / -	50 / 244.884	
Support													
2.1) Production Support	- / -	- / -	- / 0.310	- / 1.415	- / -	- / 1.415	- / 3.107	- / 2.905	- / 3.228	- / 3.076	- / -	- / 14.041	
2.2) DSA	- / -	- / -	- / 0.300	- / 1.000	- / -	- / 1.000	- / 2.244	- / 2.959	- / 3.831	- / 4.047	- / -	- / 14.381	
Total Support, All Modifications	-	-	0.610	2.415	-	2.415	5.351	5.864	7.059	7.123	-	28.422	
Total Procurement and Support	-	-	7.310	29.655	-	29.655	47.295	53.204	70.419	65.423	-	273.306	
1U018/1U019 Paragon-Graywing Installation Cost	- / 0.000	- / -	- / -	- / 1.300	- / -	- / 1.300	- / 5.200	- / 7.600	- / 8.730	- / 11.880	- / -	- / 34.710	
Total Installation Cost	- / 0.000	- / -	- / -	- / 1.300	- / -	- / 1.300	- / 5.200	- / 7.600	- / 8.730	- / 11.880	- / -	- / 34.710	
Total Cost (Procurement + Support + Installation)	0.000	-	7.310	30.955	-	30.955	52.495	60.804	79.149	77.303	-	308.016	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 1U018/1U019 Paragon-Graywing				
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Manufacturer Information: 1U018/1U019 Paragon-Graywing												
Manufacturer Name: ARGON-SSEE MODS LRIP SHIP							Manufacturer Location: Fairfax, VA					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Manufacturer Name: SSC PAC-SSEE MODS LRIP SHIP							Manufacturer Location: San Diego, CA					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Manufacturer Name: Naval Research Lab-SSEE MODS LRIP SHIP							Manufacturer Location: Washington DC					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Installation: 1U018/1U019 Paragon-Graywing				Method of Implementation: Ship				Installation Name: Graywing				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 1.300	- / -	1 / 1.300	- / -	- / -	- / -	- / -	- / -	1 / 1.300
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	4 / 5.200	- / -	- / -	- / -	- / -	4 / 5.200
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 7.600	- / -	- / -	- / -	8 / 7.600
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 8.730	- / -	- / -	9 / 8.730
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 11.880	- / -	12 / 11.880
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / -	11 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	1 / 1.300	- / -	1 / 1.300	4 / 5.200	8 / 7.600	9 / 8.730	12 / 11.880	11 / -	45 / 34.710

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 1U018/1U019 Paragon-Graywing											
Models of Systems Affected: Various										Type Modification: Upgrade										Related RDT&E PEs: 0304785N											
Installation: 1U018/1U019 Paragon-Graywing										Method of Implementation: Ship										Installation Name: Graywing											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	3	3	2	-	3	3	3	2	3	4	3	11	45
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	3	3	2	-	3	3	3	2	3	4	3	11	45
Installation: 1U018/1U019 Paragon-Graywing										Method of Implementation: Not Installed - Paragon										Installation Quantity: 5											
Footnotes: (7) - FY15 procurements reflect Paragon capabilities being integrated into Graywing baseline. - Paragon/Graywing will be installed together in FY14-15 due to cost savings realized when installed concurrently. - FY13 Paragon/Graywing contract award scheduled for July 2013 pending Q3 Acquisition Decision. (8) -First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment			P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Modification Nomenclature (Modification Number - Modification Title): 6 - 1U018/19 Paragon-Graywing Shore				
Models of Systems Affected: Various			Type Modification: Upgrade					Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	7.110	7.852	-	7.852	10.192	3.400	0.405	-	-	28.959
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	7.110	7.852	-	7.852	10.192	3.400	0.405	-	-	28.959
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	7.110	7.852	-	7.852	10.192	3.400	0.405	-	-	28.959
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Paragon is a classified Navy tactical signals intelligence frequency extension capability that will be integrated into Ship Signal Exploitation Equipment (SSEE) systems. This capability provides simultaneous detection, collection, processing, Information Operations and display of communication intelligence data from hostile, high threat and adversary platforms in select frequency ranges that are not prosecuted or countered today. Graywing is an advanced common data link system that will be integrated into SSEE Inc E and Inc F systems. It is a critical component of "Ballistic Missile Defense, Executive Committee, Anti-Submarine Warfare, Chief of Naval Operations, Executive Board Information Operation (IO) Countermeasure Red Flash" (details held at a higher classification level). Shore based sites to be used for maintenance and operator training systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 6 - 1U018/19 Paragon-Graywing Shore					
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
1U018/19 Paragon-Graywing Shore													
B Kits													
Recurring													
1.1.1) Paragon - Organic													
1.1.2) Graywing - NonOrganic ⁽⁹⁾													
1.1.3) Maintenance Training System - NonOrganic ⁽¹⁰⁾													
1.1.4) Operator Training System - NonOrganic													
Subtotal Recurring													
Total, 1U018/19 Paragon-Graywing Shore													
Total Procurement, All Modifications													
Support													
2.1) Production Support													
2.2) DSA													
Total Support, All Modifications													
Total Procurement and Support													
1U018/19 Paragon-Graywing Shore Installation Cost													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 1U018/19 Paragon-Graywing Shore				
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Manufacturer Information: 1U018/19 Paragon-Graywing Shore												
Manufacturer Name: ARGON-SSEE MODS LRIP SHORE							Manufacturer Location: Fairfax, VA					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Manufacturer Name: SSC PAC-SSEE MODS LRIP SHORE							Manufacturer Location: San Diego, CA					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Manufacturer Name: Naval Research Lab-SSEE MODS LRIP SHORE							Manufacturer Location: Washington DC					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jul 2013	Nov 2013									
Delivery Dates		Jul 2014	Nov 2014									
Installation: 1U018/19 Paragon-Graywing Shore				Method of Implementation: Shore					Installation Name: Graywing			
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 0.500	- / -	1 / 0.500	- / -	- / -	- / -	- / -	- / -	1 / 0.500
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.500	- / -	- / -	- / -	- / -	1 / 0.500
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	1 / 0.500	- / -	1 / 0.500	1 / 0.500	- / -	- / -	- / -	- / -	2 / 1.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment					P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit					Modification Nomenclature (Modification Number - Modification Title): 6 - 1U018/19 Paragon-Graywing Shore									
Models of Systems Affected: Various					Type Modification: Upgrade					Related RDT&E PEs: 0304785N									

Installation: 1U018/19 Paragon-Graywing Shore										Method of Implementation: Shore										Installation Name: Graywing									

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Installation: 1U018/19 Paragon-Graywing Shore			Method of Implementation: Shore					Installation Name: Maintenance Training System				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.400	- / -	- / -	- / -	1 / 0.400
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.400	- / -	- / -	- / -	1 / 0.400

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1

Installation: 1U018/19 Paragon-Graywing Shore				Method of Implementation: Shore					Installation Name: Operator Training System				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
	All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 1U018/19 Paragon-Graywing Shore					
Models of Systems Affected: Various				Type Modification: Upgrade				Related RDT&E PEs: 0304785N					

Installation: 1U018/19 Paragon-Graywing Shore			Method of Implementation: Shore					Installation Name: Operator Training System				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.800	- / -	- / -	- / -	2 / 0.800
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.405	- / -	- / -	1 / 0.405
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.800	1 / 0.405	- / -	- / -	3 / 1.205

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	3
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	3

Installation: 1U018/19 Paragon-Graywing Shore				Method of Implementation: Not Installed - Paragon				Installation Quantity: 2					

Footnotes:

(9) - Paragon/Graywing will be installed together due to cost savings realized when installed concurrently.

(10) Shore based sites to be used for maintenance and operator training systems.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 7 - 1U014 Engineering Change Proposal (ECP) Increment F				
Models of Systems Affected: SSEE Inc F			Type Modification: Upgrade					Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	8.224	2.890	3.023	-	3.023	4.142	10.847	6.333	2.478	-	37.937
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	8.224	2.890	3.023	-	3.023	4.142	10.847	6.333	2.478	-	37.937
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	8.224	2.890	3.023	-	3.023	4.142	10.847	6.333	2.478	-	37.937
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Engineering Change Proposal (ECP)/Obsolescence procures Commercial Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and end-of-life (EOL) equipment for the Ship's Signal Exploitation Equipment (SSEE) Increment F program. ECP incorporates Pre-Planned Product Improvements (P3I) for the acquisition and localization of the latest Signals of Interest (SOI) and Information Operations (IO). ECP maintains and improves upon SSEE INC F's capability and relevance within a rapidly evolving threat environment.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment			P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit						Modification Nomenclature (Modification Number - Modification Title): 7 - 1U014 Engineering Change Proposal (ECP) Increment F				
Models of Systems Affected: SSEE Inc F			Type Modification: Upgrade					Related RDT&E PEs: 0304785N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
1U014 Engineering Change Proposal (ECP) Increment F													
B Kits													
Recurring													
1.1.1) Processing Upgrades (ECPs) - NonOrganic	- / -	- / -	- / -	5 / 2.275	- / -	5 / 2.275	7 / 3.220	7 / 3.255	2 / 0.948	2 / 0.960	- / -	23 / 10.658	
1.1.2) CUB Replacement (Cryptologic Unified Build) - Organic ⁽¹¹⁾	- / -	1 / 5.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.520	
1.1.3) LRIP to FRP BackFit Kit - NonOrganic ⁽¹²⁾	- / -	1 / 2.123	1 / 2.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.373	
1.1.4) DRT - NonOrganic ⁽¹³⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.550	1 / 0.434	1 / 0.440	- / -	8 / 3.424	
1.1.5) ISR Lite Mini Cloud - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.300	7 / 2.743	- / -	- / -	15 / 6.043	
Subtotal Recurring	- / -	2 / 7.643	1 / 2.250	5 / 2.275	- / -	5 / 2.275	7 / 3.220	21 / 9.105	10 / 4.125	3 / 1.400	- / -	49 / 30.018	
Total, 1U014 Engineering Change Proposal (ECP) Increment F	- / -	2 / 7.643	1 / 2.250	5 / 2.275	- / -	5 / 2.275	7 / 3.220	21 / 9.105	10 / 4.125	3 / 1.400	- / -	49 / 30.018	
Total Procurement, All Modifications	- / -	2 / 7.643	1 / 2.250	5 / 2.275	- / -	5 / 2.275	7 / 3.220	21 / 9.105	10 / 4.125	3 / 1.400	- / -	49 / 30.018	
Support													
2.1) Production Support	- / -	- / 0.481	- / 0.113	- / 0.114	- / -	- / 0.114	- / 0.213	- / 0.348	- / 0.083	- / 0.084	- / -	- / 1.436	
2.2) DSA	- / -	- / 0.100	- / 0.147	- / 0.246	- / -	- / 0.246	- / 0.399	- / 0.939	- / 0.728	- / 0.326	- / -	- / 2.885	
Total Support, All Modifications	-	0.581	0.260	0.360	-	0.360	0.612	1.287	0.811	0.410	-	4.321	
Total Procurement and Support	-	8.224	2.510	2.635	-	2.635	3.832	10.392	4.936	1.810	-	34.339	
1U014 Engineering Change Proposal (ECP) Increment F Installation Cost	- / 0.000	- / -	- / 0.380	- / 0.388	- / -	- / 0.388	- / 0.310	- / 0.455	- / 1.397	- / 0.668	- / -	- / 3.598	
Total Installation Cost	- / 0.000	- / -	- / 0.380	- / 0.388	- / -	- / 0.388	- / 0.310	- / 0.455	- / 1.397	- / 0.668	- / -	- / 3.598	
Total Cost (Procurement + Support + Installation)	0.000	8.224	2.890	3.023	-	3.023	4.142	10.847	6.333	2.478	-	37.937	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 1U014 Engineering Change Proposal (ECP) Increment F				
Models of Systems Affected: SSEE Inc F				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Manufacturer Information: 1U014 Engineering Change Proposal (ECP) Increment F												
Manufacturer Name: ARGON-LRIP to FRP Backfit						Manufacturer Location: Fairfax, VA						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	May 2012	Apr 2013										
Delivery Dates	May 2013	Apr 2014										
Manufacturer Name: ARGON-CUB Replacement						Manufacturer Location: Fairfax, VA						
Administrative Leadtime (<i>in Months</i>): 8						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jun 2012											
Delivery Dates	Jun 2013											
Manufacturer Name: ARGON-ECP Inc F-Processing Upgrades						Manufacturer Location: Fairfax, VA						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Nov 2013									
Delivery Dates			Nov 2014									
Installation: 1U014 Engineering Change Proposal (ECP) Increment F			Method of Implementation: Ship					Installation Name: Processing Upgrades (ECPs)				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.310	- / -	- / -	- / -	- / -	5 / 0.310
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.455	- / -	- / -	- / -	7 / 0.455
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.483	- / -	- / -	7 / 0.483
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.142	- / -	2 / 0.142
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment	P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 1U014 Engineering Change Proposal (ECP) Increment F

Models of Systems Affected: SSEE Inc F	Type Modification: Upgrade	Related RDT&E PEs: 0304785N

Installation: 1U014 Engineering Change Proposal (ECP) Increment F		Method of Implementation: Ship						Installation Name: Processing Upgrades (ECPs)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.310	7 / 0.455	7 / 0.483	2 / 0.142	2 / -	23 / 1.390

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	1	2	2	3	-	3	2	2	-	-	2	-	2	23
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	1	2	2	3	-	3	2	2	-	-	2	-	2	23

Installation: 1U014 Engineering Change Proposal (ECP) Increment F		Method of Implementation: Ship						Installation Name: LRIP to FRP BackFit Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	1 / 0.380	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.380
FY 2013	- / -	- / -	- / -	1 / 0.388	- / -	1 / 0.388	- / -	- / -	- / -	- / -	- / -	1 / 0.388
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 0.380	1 / 0.388	- / -	1 / 0.388	- / -	- / -	- / -	- / -	- / -	2 / 0.768

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 1U014 Engineering Change Proposal (ECP) Increment F											
Models of Systems Affected: SSEE Inc F										Type Modification: Upgrade										Related RDT&E PEs: 0304785N											
Installation: 1U014 Engineering Change Proposal (ECP) Increment F										Method of Implementation: Ship										Installation Name: LRIP to FRP BackFit Kit											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Installation: 1U014 Engineering Change Proposal (ECP) Increment F										Method of Implementation: Ship										Installation Name: DRT							
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.414	- / -	6 / 0.414														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.071	- / -	1 / 0.071														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	1 / -														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.414	1 / 0.071	8 / 0.485														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	-	1	-	-	1	8
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	-	1	-	-	1	8

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment	P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 1U014 Engineering Change Proposal (ECP) Increment F

Models of Systems Affected: SSEE Inc F	Type Modification: Upgrade	Related RDT&E PEs: 0304785N

Installation: 1U014 Engineering Change Proposal (ECP) Increment F		Method of Implementation: Ship					Installation Name: ISR Lite Mini Cloud					
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.500	- / -	- / -	8 / 0.500
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.455	- / -	7 / 0.455
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.500	7 / 0.455	- / -	15 / 0.955

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	1	1	3	3	-	-	15
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	1	1	3	3	-	-	15

Installation: 1U014 Engineering Change Proposal (ECP) Increment F	Method of Implementation: Not Installed - CUB Replacement (Cryptologic Unified Build)	Installation Quantity: 1

Footnotes:

- (11) CUB Replacement (Cryptologic Unified Build) - Software replacement (Switchblade) to address end of life issues of Windows 2000/Solaris 8 in support of SSEE Increment F
- (12) Upgrades to LRIP units to FRP baseline
- (13) -DRT; Replacement of obsolete HITS/DRT Boxes to Next Generation HITS/DRT in support of SSEE Inc F.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (Modification Number - Modification Title): 8 - 1U014 Engineering Change Proposal (ECP) Increment F Shore				
Models of Systems Affected: SSEE INC F Trainer			Type Modification: Upgrade					Related RDT&E PEs: 0304785N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	1.050	0.150	-	-	-	-	-	-	-	-	1.200
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	1.050	0.150	-	-	-	-	-	-	-	-	1.200
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	1.050	0.150	-	-	-	-	-	-	-	-	1.200
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Engineering Change Proposal (ECP)/Obsolescence procures Commercial Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and end-of-life (EOL) equipment for the Ship's Signal Exploitation Equipment (SSEE) Increment F program. ECP incorporates Pre-Planned Product Improvements (P3I) for the acquisition and localization of the latest Signals of Interest (SOI) and Information Operations (IO). ECP maintains and improves upon SSEE INC F's capability and relevance within a rapidly evolving threat environment.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 1U014 Engineering Change Proposal (ECP) Increment F Shore				

Models of Systems Affected: SSEE INC F Trainer				Type Modification: Upgrade				Related RDT&E PEs: 0304785N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
1U014 Engineering Change Proposal (ECP) Increment F Shore												
B Kits												
Recurring												
1.1.1) Training Simulator (ECP) - NonOrganic	- / -	3 / 1.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.050
<i>Subtotal Recurring</i>	- / -	3 / 1.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.050
<i>Total, 1U014 Engineering Change Proposal (ECP) Increment F Shore</i>	- / -	3 / 1.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.050
Total Procurement, All Modifications	- / -	3 / 1.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.050
Total Procurement and Support	-	1.050	-	-	-	-	-	-	-	-	-	1.050
1U014 Engineering Change Proposal (ECP) Increment F Shore Installation Cost	- / 0.000	- / -	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150
Total Cost (Procurement + Support + Installation)	0.000	1.050	0.150	-	-	-	-	-	-	-	-	1.200

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment										P-1 Line Item Nomenclature: 2360 - Shipboard IW Exploit										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 1U014 Engineering Change Proposal (ECP) Increment F Shore											
Models of Systems Affected: SSEE INC F Trainer										Type Modification: Upgrade										Related RDT&E PEs: 0304785N											
Manufacturer Information: 1U014 Engineering Change Proposal (ECP) Increment F Shore																															
Manufacturer Name: ARGON ⁽¹⁴⁾													Manufacturer Location: Fairfax, VA																		
Administrative Leadtime (<i>in Months</i>): 8													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Jun 2012																													
Delivery Dates		Jun 2013																													
Installation: 1U014 Engineering Change Proposal (ECP) Increment F Shore													Method of Implementation: [none specified]							Installation Name: Training Simulator (ECP)											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	3 / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.150																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	3 / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.150																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
Out	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
Footnotes: ⁽¹⁴⁾ Training Simulator ECP																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment	P-1 Line Item Nomenclature: 2361 - Automatic Identification System (AIS)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.292	1.313	0.914	0.896	-	0.896	0.876	0.839	0.869	0.885	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.292	1.313	0.914	0.896	-	0.896	0.876	0.839	0.869	0.885	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.292	1.313	0.914	0.896	-	0.896	0.876	0.839	0.869	0.885	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	0.004	-	-	-	-	-	-	-	-	0.004
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

1U030: Automatic Identification System (AIS) is an international maritime Very High Frequency (VHF) communication system that allows ships to exchange information (machine to machine) on navigation (position, course, speed, etc), ship information (ship name, call sign, length/beam), cargo information (draft, type, destination, route, estimated time of arrival), and messaging (safety, text). This technology improves capability in three diverse areas: (a) situational awareness/common operational picture, (b) navigation/safety of ship and, (c) other intelligence gathering/correlation. AIS will procure Commercial Off-The-Shelf (COTS) AIS gear and install them on Navy warships. This provides the fleet with an operating capability to send unclassified data to the Maritime Operations Center (MOC). AIS provides an integrated AIS capability on force level United States (US) surface warships and submarines, including interfaces with ship's Global Command and Control System-Maritime/Common Operational Picture, and combat systems as defined by fleet requirements and concept of operations. The program provides Maritime Domain Awareness (MDA) AIS Sensor Server equipment to the MOC for publishing AIS data to the MDA Data Sharing Community Of Interest. Funds will procure and install AIS systems for ships, submarines and shore sites consisting of a combination of modified COTS and government/commercial software, such as omni-directional VHF, Global Positioning System antennas, AIS transponders, displays and associated cables, servers, power supplies, laptop computers, junction boxes, switches and radio frequency couplers.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1U030 Automatic Identification System (AIS)	P40A, P5A				1.292			1.313			0.914			0.896			-			0.896
Total Gross/Weapon System Cost					1.292			1.313			0.914			0.896			-			0.896

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment		P-1 Line Item Nomenclature: 2361 - Automatic Identification System (AIS)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: FY14 funding will support the procurement and installation of (3) AIS submarine configuration systems.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment						P-1 Line Item Nomenclature: 2361 - Automatic Identification System (AIS)										Aggregated Item Name: 1U030 Automatic Identification System (AIS)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 1U030 Automatic Identification Systems (AIS)																				
† 1.1) AIS procurement	A		60.000	4	0.240	62.000	4	0.248	64.000	3	0.192	65.000	3	0.195	-	-	-	65.000	3	0.195
1.2) Production Support	A		-	-	0.156	-	-	0.313	-	-	0.122	-	-	0.101	-	-	-	-	-	0.101
1.3) FMP	A		-	-	0.896	-	-	0.752	-	-	0.600	-	-	0.600	-	-	-	-	-	0.600
Total					1.292			1.313			0.914			0.896			-			0.896

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 5: Reconnaissance Equipment				P-1 Line Item Nomenclature: 2361 - Automatic Identification System (AIS)					Aggregated Item Name: 1U030 Automatic Identification System (AIS)			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) 1U030 Automatic Identification Systems (AIS)												
1.1) AIS procurement		2012	SRC / Atlanta, GA	C / FFP	SSC Atlantic	Nov 2011	Mar 2012	4	62.000	Y		
1.1) AIS procurement		2013	SRC / Atlanta, GA	C / FFP	SSC AtlanticSSC Atlantic	Nov 2012	Mar 2013	3	64.000	Y		
1.1) AIS procurement		2014	SRC / Atlanta, GA	C / FFP	SSC Atlantic	Nov 2013	Mar 2014	3	65.000	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment	P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604503N, 0603562N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	737.530	82.241	34.050	49.475	-	49.475	53.134	61.977	72.126	73.261	-	1,163.794
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	737.530	82.241	34.050	49.475	-	49.475	53.134	61.977	72.126	73.261	-	1,163.794
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	737.530	82.241	34.050	49.475	-	49.475	53.134	61.977	72.126	73.261	-	1,163.794

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	1.367	0.621	2.128	-	2.128	3.743	4.001	4.335	6.522	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

(U) The Submarine Support Equipment Program (SSEP) was established to develop and support systems which provide the capability to exploit signal intercepts for tactical support and early warning of threat sensors. The Electronic Warfare Support (ES) Operational Requirements Document (ORD) Serial. No. 570-77-00 dated 20 Dec. 2000, established funding to procure AN/BLQ-10 Electronic Warfare Support and Improved Communication Acquisition/Direction Finding (ICADF) systems to provide a modern ES capability to LOS ANGELES, SEAWOLF, and SSGN Class submarines. Funds procure AN/BLQ-10B(V) Non-Reoccurring Engineering (NRE), Pre-Production Units (PPU) and augmentation systems for ES Modernization upgrades for all submarine platforms. Funds also procure modification kits for the AN/BLQ-10(V) ES System, VIRGINIA Class ES Modernization upgrades, Reliability & Maintainability, obsolescence and Operational Field Change Kits for the legacy AN/WLR-8(V)2 ESM system, and the legacy AN/BRD-7 direction finding system. Funds buy unique equipment in limited quantities that are maintained in a pool and rotated among attack submarines as dictated by scheduled operations and to provide specific capability improvements to major SSN sensor systems.

ML003 - SSEP special support equipment allows the procurement of special purpose test equipment utilized by the Type Commander Groom Teams. Exact quantities vary from year to year based on Fleet requirements.

ML005 - Procures Legacy Submarine Electronic Surveillance Measures (SubESM) AN/BRD-7 Reliability and Maintainability (R&M) obsolescence and operational Field Change Kits, e.g., Analog relay replacement, antenna cabling replacement, related Hull, Mechanical & Electrical (H,M&E) sail components and associated Integrated Logistics Support (ILS), and technical data.

ML007 - Procures the ICADF communications direction finding system below deck units for installation on LOS ANGELES and SEAWOLF Class submarines.

ML008 - Procures the ICADF Multi-Function Modular Mast (MMM) Antenna for installation on LOS ANGELES Class submarines.

ML009 - Procures Capability Insertions for installation on LOS ANGELES, SSGN, and SEAWOLF Class submarines that provide incremental improvements to the AN/BLQ-10(V) baseline system for improved capability against new threats, to reduce size, procurement costs, power requirements and maintenance, while increasing system availability. Includes: Embedded National Tactical Receiver (ENTR)/Generic

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment		P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604503N, 0603562N
MDAP/MAIS Code(s):		
Area Limitation Environment (GALE) upgrade, Info Assurance (IA)/Solaris upgrade, Exterior Communication System (ECS) Point to Point upgrade, Low Probability of Intercept (LPI) Radar Receiver, and associated Integrated Logistics Support (ILS), and technical data. ML010 - Procures Technical Insertions (TI) for installation on LOS ANGELES, SSGN, SEAWOLF, and VIRGINIA Class submarines that provide updates to the AN/BLQ-10(V) configuration baseline which incorporates current Commercial off the Shelf (COTS) processing technology and software to account for obsolescence avoidance, and Reliability, Maintainability and Availability (RMA) and associated Integrated Logistics Support (ILS) and technical data. Hardware builds include supporting platform level Submarine Warfare Federated Tactical Systems (SWFTS) interfaces. TI upgrade kits are procured under various configurations in each fiscal year including required NRE for TI-12, TI-14, TI-16, and TI-18. ML011 -Procures Legacy Submarine Electronic Surveillance Measures (SubESM) including AN/WLR-8 Reliability and Maintainability (R&M) Field Change Kits and other materials for Obsolescence Mitigation, e.g., Digital Display Unit (DDU) obsolescence upgrade, Solid State Memory, Heat Dissipation improvement, related H,M&E sail components and associated Integrated Logistics Support (ILS), and technical data. ML013 - Provides for AN/BLQ-10 intermediate level repairs, changes and maintenance activities that improve the overall Reliability, Maintainability and Availability of fielded SubESM systems. Procures maintenance and sustainment efforts for increasing the quantity of AN/BLQ-10 active, deploying fleet assets which will increase by over 60% from FY11 through FY13. ML015 - Procures the AN/BLQ-10(V)2/3/4 ES System for installation on LOS ANGELES, SEAWOLF, and SSGN Class submarines. ML017 - Procures AN/BLQ-10(V) and ICADF subsystem Product Improvement Field Change Kits including: emergent Engineering Changes, SIGINT carry-on equipment racks, SWFTS upgrades and associated Integrated Logistics Support (ILS) and technical data. ML018 - Funds procure ES Modernization upgrades to the VIRGINIA Class AN/BLQ-10(V)1 ES System including Photonics ES Product Improvement (PEPI-3), PATRIOT Phase B range finder, Technical Insertions (TI), and Radar Narrow Band (RNB) receiver. ML019 - ESM Spares are procured beginning in FY11 to provide Ready for Issue (RFI) shore based spares to maintain system operational availability. ML020 - FY15 through FY18 funds procure AN/BLQ-10B(V) Non-Reoccurring Engineering (NRE), Pre-Production Units (PPU) and augmentation systems for ES Modernization upgrades for all submarine platforms. OPNAV direction provided for Next Generation EW Digital Submarine Electronic Warfare System Serial N97/12U144403 dated 17 June 12. The AN/BLQ-10B(V) efforts will transform the current AN/BLQ-10(V) system to a digital hardware system that will enable a sustainable, cost effective, software application based modernization process allowing for the rapid fielding of required capabilities to address changing and emerging threats in the evolving Radio Frequency (RF) spectrum. AN/BLQ-10B(V) is a five layered approach including: RF, Digitizing, Interface, Processing, and Display. These will be the building blocks/updates to the AN/BLQ-10(V) configuration baselines which incorporates a Modular, Open system, Scalable Architecture (MOSA). ML830 - Production Engineering funds provide the following functions: value engineering; review and evaluation of production design data and documentation; production configuration control; maintenance engineering efforts designed and incorporated into the production manufacturing process, and other related engineering functions that are integral to all production ES Systems and upgrades. ML5IN - Provides for the Installation of Equipment including Fleet Modernization Program Installations for shipboard systems.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604503N, 0603562N								
MDAP/MAIS Code(s):																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Submarine Supt Equip Prog	P40A, P5A				28.820			6.833			4.527			5.988			-			5.988
1 - ML007 ICADF	P3A				130.409			9.362			-			1.181			-			1.181
2 - ML008 ICADF MMM ANTENNA	P3A				70.504			8.162			7.100			11.977			-			11.977
3 - ML009 CAPABILITY INSERTION	P3A				5.716			0.573			-			-			-			-
4 - ML010 TECHNICAL INSERTION	P3A				10.412			16.531			4.368			12.556			-			12.556
5 - ML015 AN/BLQ-10(V) SSN ES SYSTEM	P3A				450.649			7.020			4.061			1.253			-			1.253
6 - ML017 ANBLQ-10(V) FIELD CHANGE KITS	P3A				0.000			11.540			3.911			4.889			-			4.889
7 - ML018 VA CLASS ES MODERNIZATION MMM	P3A				9.305			2.849			2.840			-			-			-
8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI	P3A				3.430			0.524			0.783			-			-			-
9 - ML018 VA CLASS ES MODERNIZATION PEPI-3	P3A				12.076			5.330			2.236			8.389			-			8.389
10 - ML018 VA CLASS ES MODERNIZATION PATRIOT	P3A				7.545			1.727			2.081			3.122			-			3.122
11 - ML018 VA CLASS ES MODERNIZATION SEI/CMF	P3A				1.630			1.893			0.867			0.060			-			0.060
12 - ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION	P3A				1.872			3.753			0.649			0.060			-			0.060
13 - ML018 VA CLASS ES MODERNIZATION RNB	P3A				5.162			6.144			0.627			-			-			-
14 - ML020 AN/BLQ-10B (V)	P3A				0.000			-			-			-			-			-
Total Gross/Weapon System Cost					737.530			82.241			34.050			49.475			-			49.475
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Submarine Supt Equip Prog	P40A, P5A				-			-			-			-			-			-
1 - ML007 ICADF	P3A				2.267			1.088			2.089			1.003			-			147.399
2 - ML008 ICADF MMM ANTENNA	P3A				7.664			2.026			1.118			-			-			108.551
3 - ML009 CAPABILITY INSERTION	P3A				-			-			-			-			-			6.289

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment	P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604503N, 0603562N

MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4 - ML010 TECHNICAL INSERTION	P3A				23.518			24.907			25.447			22.898			-			140.637
5 - ML015 AN/BLQ-10(V) SSN ES SYSTEM	P3A				1.202			-			-			-			-			464.185
6 - ML017 ANBLQ-10(V) FIELD CHANGE KITS	P3A				5.011			5.095			5.051			5.074			-			40.571
7 - ML018 VA CLASS ES MODERNIZATION MMM	P3A				-			-			-			-			-			14.994
8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI	P3A				-			-			-			-			-			4.737
9 - ML018 VA CLASS ES MODERNIZATION PEPI-3	P3A				-			4.574			-			0.211			-			32.816
10 - ML018 VA CLASS ES MODERNIZATION PATRIOT	P3A				0.167			3.791			1.955			2.408			-			22.796
11 - ML018 VA CLASS ES MODERNIZATION SEI/CMF	P3A				-			-			-			-			-			4.450
12 - ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION	P3A				-			-			-			-			-			6.334
13 - ML018 VA CLASS ES MODERNIZATION RNB	P3A				-			-			-			-			-			11.933
14 - ML020 AN/BLQ-10B (V)	P3A				8.109			14.447			31.091			36.201			-			89.848
Total Gross/Weapon System Cost					53.134			61.977			72.126			73.261			-			1,163.794

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment								P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog							Aggregated Item Name: Submarine Supt Equip Prog					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT																				
1.1) SPECIAL SUPPORT EQUIPMENT	A		-	-	1.938	-	-	0.302	-	-	0.307	-	-	0.312	-	-	-	-	-	0.312
Subtotal 1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT					1.938			0.302			0.307			0.312			-			0.312
2) ML005 AN/BRD-7 FCKS																				
2.1) AN/BRD-7 FIELD CHANGE KITS	A		-	-	1.892	-	-	0.232	-	-	0.236	-	-	0.240	-	-	-	-	-	0.240
Subtotal 2) ML005 AN/BRD-7 FCKS					1.892			0.232			0.236			0.240			-			0.240
3) ML009 CAPABILITY INSERTION																				
3.1) S/W ENGINEERING CHANGES	A		-	-	10.241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) ML009 CAPABILITY INSERTION					10.241			-			-			-			-			-
4) ML011 AN/WLR-8 R&M FIELD CHANGE KITS																				
4.1) AN/WLR-8 R&M FCKS	A		-	-	4.019	-	-	0.606	-	-	0.500	-	-	0.509	-	-	-	-	-	0.509
Subtotal 4) ML011 AN/WLR-8 R&M FIELD CHANGE KITS					4.019			0.606			0.500			0.509			-			0.509
5) ML013 ESM IMA SUPPORT																				
5.1) ESM IMA SUPPORT	A		-	-	1.319	-	-	0.929	-	-	0.945	-	-	-	-	-	-	-	-	-
Subtotal 5) ML013 ESM IMA SUPPORT					1.319			0.929			0.945			-			-			-
6) ML019 ESM SPARES																				
† 6.1) ESM SPARES	A		759,000.00	1	0.759	848,500.00	2	1.697	-	-	-	877,500.00	2	1.755	-	-	-	877,500.00	2	1.755
Subtotal 6) ML019 ESM SPARES					0.759			1.697			-			1.755			-			1.755
7) ML830 PRODUCTION ENGINEERING																				
7.1) PRODUCTION ENGINEERING	A		-	-	8.652	-	-	3.067	-	-	2.539	-	-	3.172	-	-	-	-	-	3.172
Subtotal 7) ML830 PRODUCTION ENGINEERING					8.652			3.067			2.539			3.172			-			3.172

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment					P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Aggregated Item Name: Submarine Supt Equip Prog					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total					28.820			6.833			4.527			5.988			-			5.988

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment								P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog								Aggregated Item Name: Submarine Supt Equip Prog				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT																				
1.1) SPECIAL SUPPORT EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT</i>					-			-			-			-			-			-
2) ML005 AN/BRD-7 FCKS																				
2.1) AN/BRD-7 FIELD CHANGE KITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) ML005 AN/BRD-7 FCKS</i>					-			-			-			-			-			-
3) ML009 CAPABILITY INSERTION																				
3.1) S/W ENGINEERING CHANGES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) ML009 CAPABILITY INSERTION</i>					-			-			-			-			-			-
4) ML011 AN/WLR-8 R&M FIELD CHANGE KITS																				
4.1) AN/WLR-8 R&M FCKS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) ML011 AN/WLR-8 R&M FIELD CHANGE KITS</i>					-			-			-			-			-			-
5) ML013 ESM IMA SUPPORT																				
5.1) ESM IMA SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) ML013 ESM IMA SUPPORT</i>					-			-			-			-			-			-
6) ML019 ESM SPARES																				
† 6.1) ESM SPARES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) ML019 ESM SPARES</i>					-			-			-			-			-			-
7) ML830 PRODUCTION ENGINEERING																				
7.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) ML830 PRODUCTION ENGINEERING</i>					-			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment					P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Aggregated Item Name: Submarine Supt Equip Prog					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total					-			-			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Aggregated Item Name: Submarine Supt Equip Prog			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
6) ML019 ESM SPARES												
6.1) ESM SPARES		2011	Lockheed Martin / Syracuse, NY	SS / FP	NSMO	Apr 2011	Dec 2012	1	759,000.00	N		Oct 2010
6.1) ESM SPARES		2012	Lockheed Martin / Syracuse, NY	SS / FP	NSMO	Mar 2012	Nov 2013	2	848,500.00	N		Oct 2011
6.1) ESM SPARES		2014	Lockheed Martin / Syracuse, NY	SS / FP	NSMO	Mar 2014	Nov 2015	2	877,500.00	N		Oct 2013

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (Modification Number - Modification Title): 1 - ML007 ICADF				
Models of Systems Affected: ICADF			Type Modification: SHIPALT (ES SYSTEM COMMS DF)					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	130.409	9.362	-	1.181	-	1.181	2.267	1.088	2.089	1.003	-	147.399
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	130.409	9.362	-	1.181	-	1.181	2.267	1.088	2.089	1.003	-	147.399
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	130.409	9.362	-	1.181	-	1.181	2.267	1.088	2.089	1.003	-	147.399
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides advanced low-band COMINT Direction Finding (DF) capability compatible with CLASSIC TROLL and AN/BLQ-10 SSN ES system. Replaces obsolete AN/BRD-7 below decks equipment with modern, open architecture system compliant with Maritime Cryptologic Architecture.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - ML007 ICADF				
Models of Systems Affected: ICADF				Type Modification: SHIPALT (ES SYSTEM COMMS DF)				Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ML007 ICADF												
B Kits												
Recurring												
1.1.1) ICADF - NonOrganic	27 / 91.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 91.249
1.1.2) NIOC TRANSFER EQUIPMENT - NonOrganic ⁽¹⁾	6 / 0.000	4 / -	- / -	1 / -	- / -	1 / -	2 / -	1 / -	2 / -	1 / -	- / -	17 / -
<i>Subtotal Recurring</i>	33 / 91.249	4 / -	- / -	1 / -	- / -	1 / -	2 / -	1 / -	2 / -	1 / -	- / -	44 / 91.249
<i>Total, ML007 ICADF</i>	33 / 91.249	4 / -	- / -	1 / -	- / -	1 / -	2 / -	1 / -	2 / -	1 / -	- / -	44 / 91.249
<i>Total Procurement, All Modifications</i>	33 / 91.249	4 / -	- / -	1 / -	- / -	1 / -	2 / -	1 / -	2 / -	1 / -	- / -	44 / 91.249
Total Procurement and Support	91.249	-	-	-	-	-	-	-	-	-	-	91.249
ML007 ICADF Installation Cost	- / 39.160	- / 9.362	- / -	- / 1.181	- / -	- / 1.181	- / 2.267	- / 1.088	- / 2.089	- / 1.003	- / -	- / 56.150
<i>Total Installation Cost</i>	- / 39.160	- / 9.362	- / -	- / 1.181	- / -	- / 1.181	- / 2.267	- / 1.088	- / 2.089	- / 1.003	- / -	- / 56.150
Total Cost (Procurement + Support + Installation)	130.409	9.362	-	1.181	-	1.181	2.267	1.088	2.089	1.003	-	147.399

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - ML007 ICADF											
Models of Systems Affected: ICADF										Type Modification: SHIPALT (ES SYSTEM COMMS DF)										Related RDT&E PEs:											
Manufacturer Information: ML007 ICADF																															
Manufacturer Name: Lockheed Martin														Manufacturer Location: Syracuse, NY																	
Administrative Leadtime (<i>in Months</i>): 6														Production Leadtime (<i>in Months</i>): 20																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: ML007 ICADF										Method of Implementation: AIT (ES SYSTEM COMMS DF)										Installation Name: ICADF											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		23 / 30.963		4 / 4.681		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		27 / 35.644					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		23 / 30.963		4 / 4.681		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		27 / 35.644					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	23	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
Out	23	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment		P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog		Modification Nomenclature (Modification Number - Modification Title): 1 - ML007 ICADF	
Models of Systems Affected: ICADF		Type Modification: SHIPALT (ES SYSTEM COMMS DF)			
				Related RDT&E PEs:	

Installation: ML007 ICADF				Method of Implementation: AIT (ES SYSTEM COMMS DF)				Installation Name: NIOC TRANSFER EQUIPMENT				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	6 / 8.197	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 8.197
FY 2012	- / -	4 / 4.681	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.681
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	1 / 1.181	- / -	1 / 1.181	- / -	- / -	- / -	- / -	- / -	1 / 1.181
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.267	- / -	- / -	- / -	- / -	2 / 2.267
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.088	- / -	- / -	- / -	1 / 1.088
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.089	- / -	- / -	2 / 2.089
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.003	- / -	1 / 1.003
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 8.197	4 / 4.681	- / -	1 / 1.181	- / -	1 / 1.181	2 / 2.267	1 / 1.088	2 / 2.089	1 / 1.003	- / -	17 / 20.506

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	-	-	-	4	-	-	-	-	-	-	1	-	1	-	1	-	1	-	-	-	-	1	1	-	-	1	-	-	-	17
Out	6	-	-	-	4	-	-	-	-	-	-	1	-	1	-	1	-	1	-	-	-	-	1	1	-	-	1	-	-	-	17

Footnotes:

(1) Transfer Units are refurbished after receipt from NIOC prior to installation, no procurement cost associated.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ML008 ICADF MMM ANTENNA			
Models of Systems Affected: MULTI FUNCTION MODULAR MAST			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	70.504	8.162	7.100	11.977	-	11.977	7.664	2.026	1.118	-	-	108.551
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	70.504	8.162	7.100	11.977	-	11.977	7.664	2.026	1.118	-	-	108.551
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	70.504	8.162	7.100	11.977	-	11.977	7.664	2.026	1.118	-	-	108.551
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Synchronizes improved low-band direction finding SIGINT sensor with coordinated N77/CNSG CLASSIC TROLL procurement. Replaces obsolete AN/BRD-7 antenna equipment with modern, open-architecture system compliant with Maritime Cryptologic Architecture.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 2 - ML008 ICADF MMM ANTENNA				
Models of Systems Affected: MULTI FUNCTION MODULAR MAST				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML008 ICADF MMM ANTENNA													
B Kits													
Recurring													
1.1.1) MULTI FUNCTION MODULAR MAST - NonOrganic	17 / 67.500	- / -	- / -	2 / 7.600	- / -	2 / 7.600	1 / 3.832	- / -	- / -	- / -	- / -	20 / 78.932	
1.1.2) VA TRANSFER UNIT - NonOrganic	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
1.1.3) MMM CCM - Organic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.832	- / -	- / -	- / -	- / -	1 / 3.832	
Subtotal Recurring	18 / 67.500	- / -	- / -	2 / 7.600	- / -	2 / 7.600	2 / 7.664	- / -	- / -	- / -	- / -	22 / 82.764	
Total, ML008 ICADF MMM ANTENNA	18 / 67.500	- / -	- / -	2 / 7.600	- / -	2 / 7.600	2 / 7.664	- / -	- / -	- / -	- / -	22 / 82.764	
Total Procurement, All Modifications	18 / 67.500	- / -	- / -	2 / 7.600	- / -	2 / 7.600	2 / 7.664	- / -	- / -	- / -	- / -	22 / 82.764	
Total Procurement and Support	67.500	-	-	7.600	-	7.600	7.664	-	-	-	-	82.764	
ML008 ICADF MMM ANTENNA Installation Cost	- / 3.004	- / 8.162	- / 7.100	- / 4.377	- / -	- / 4.377	- / -	- / 2.026	- / 1.118	- / -	- / -	- / 25.787	
Total Installation Cost	- / 3.004	- / 8.162	- / 7.100	- / 4.377	- / -	- / 4.377	- / -	- / 2.026	- / 1.118	- / -	- / -	- / 25.787	
Total Cost (Procurement + Support + Installation)	70.504	8.162	7.100	11.977	-	11.977	7.664	2.026	1.118	-	-	108.551	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ML008 ICADF MMM ANTENNA															
Models of Systems Affected: MULTI FUNCTION MODULAR MAST										Type Modification: SHIPALT										Related RDT&E PEs:															
Manufacturer Information: ML008 ICADF MMM ANTENNA																																			
Manufacturer Name: Lockheed Martin													Manufacturer Location: Syracuse, NY																						
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 20																						
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018									
Contract Dates										Mar 2014				Mar 2015																					
Delivery Dates										Nov 2015				Nov 2016																					
Installation: ML008 ICADF MMM ANTENNA													Method of Implementation: AIT										Installation Name: MULTI FUNCTION MODULAR MAST												
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total											
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)											
All Prior Years		1 / 1.502		7 / 8.162		5 / 7.100		4 / 4.377		0 / 0.000		4 / 4.377		- / -		- / -		- / -		- / -		- / -		- / -		17 / 21.141									
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.026		- / -		- / -		- / -		- / -		2 / 2.026									
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.118		- / -		- / -		- / -		1 / 1.118									
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
Total		1 / 1.502		7 / 8.162		5 / 7.100		4 / 4.377		- / -		4 / 4.377		- / -		2 / 2.026		1 / 1.118		- / -		- / -		- / -		20 / 24.285									
Installation Schedule																																			
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot				
In	1	1	2	2	2	-	2	2	1	3	1	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	20				
Out	1	1	2	2	2	-	2	2	1	3	1	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	20				

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ML008 ICADF MMM ANTENNA			
Models of Systems Affected: MULTI FUNCTION MODULAR MAST				Type Modification: SHIPALT				Related RDT&E PEs:			

Installation: ML008 ICADF MMM ANTENNA			Method of Implementation: AIT					Installation Name: VA TRANSFER UNIT				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 1.502	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.502
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 1.502	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.502

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	

Installation: ML008 ICADF MMM ANTENNA				Method of Implementation: Not Installed - MMM CCM				Installation Quantity: 1			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment			P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 3 - ML009 CAPABILITY INSERTION				
Models of Systems Affected: CI-06			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5.716	0.573	-	-	-	-	-	-	-	-	-	6.289
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.716	0.573	-	-	-	-	-	-	-	-	-	6.289
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.716	0.573	-	-	-	-	-	-	-	-	-	6.289
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Procures Capability Insertion CI-06 for installation on LOS ANGELES, SSGN and SEAWOLF Class submarines. Provides incremental improvements to the AN/BLQ-10(V) baseline system for improved capability against new threats, to reduce size, procurement costs, power requirements and maintenance, while increasing system availability. Includes Embedded National Tactical Receiver (ENTR)/GALE, and Low Probability of Intercept (LPI) capabilities.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 3 - ML009 CAPABILITY INSERTION				
Models of Systems Affected: CI-06				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML009 CAPABILITY INSERTION													
B Kits													
Recurring													
1.1.1) CI-06 - NonOrganic	8 / 5.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.716	
Subtotal Recurring	8 / 5.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.716	
Total, ML009 CAPABILITY INSERTION	8 / 5.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.716	
Total Procurement, All Modifications	8 / 5.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.716	
Total Procurement and Support	5.716	-	-	-	-	-	-	-	-	-	-	5.716	
ML009 CAPABILITY INSERTION Installation Cost	- / 0.000	- / 0.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.573	
Total Installation Cost	- / 0.000	- / 0.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.573	
Total Cost (Procurement + Support + Installation)	5.716	0.573	-	-	-	-	-	-	-	-	-	6.289	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ML009 CAPABILITY INSERTION											
Models of Systems Affected: CI-06										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: ML009 CAPABILITY INSERTION																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: ML009 CAPABILITY INSERTION										Method of Implementation: AIT										Installation Name: CI-06											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		8 / 0.573		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.573					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		8 / 0.573		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.573					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - ML010 TECHNICAL INSERTION			
Models of Systems Affected: TECHNICAL INSERTION				Type Modification: SHIPALT					Related RDT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.412	16.531	4.368	12.556	-	12.556	23.518	24.907	25.447	22.898	-	140.637
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.412	16.531	4.368	12.556	-	12.556	23.518	24.907	25.447	22.898	-	140.637
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.412	16.531	4.368	12.556	-	12.556	23.518	24.907	25.447	22.898	-	140.637
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: TI Processor upgrade provides additional computing capability over previous TI baselines and replaces out of production systems for installation on LOS ANGELES, SSGN, SEAWOLF, and VIRGINIA Class submarines. Provides updates to the AN/BLQ-10 (V) configuration baseline which incorporates current Commercial off the Shelf (COTS) processing technology and software to account for obsolescence avoidance, and Reliability, Maintainability and Availability (RMA) and associated Integrated Logistics Support (ILS) and technical data. Hardware builds include supporting platform level Submarine Warfare Federated Tactical Systems (SWFTS) interfaces. Capability and Technical Insertion for AN/BLQ-10(V) provide spiral improvements to the baseline system which are designed to counter against new and evolving threat emitters. This effort is the transition of the current EW AN/BLQ-10 CI/TI modernization process to synchronize with SWFTS TI/APB process and model.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 4 - ML010 TECHNICAL INSERTION			
Models of Systems Affected: TECHNICAL INSERTION				Type Modification: SHIPALT					Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ML010 TECHNICAL INSERTION												
B Kits												
Recurring												
1.1.1) TI-10 - NonOrganic	8 / 2.816	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.816
1.1.2) TI/APB - NonOrganic	- / -	7 / 5.985	- / -	6 / 10.272	- / -	6 / 10.272	9 / 17.982	10 / 17.580	9 / 16.978	13 / 15.470	- / -	54 / 84.267
Subtotal Recurring	8 / 2.816	7 / 5.985	- / -	6 / 10.272	- / -	6 / 10.272	9 / 17.982	10 / 17.580	9 / 16.978	13 / 15.470	- / -	62 / 87.083
Total, ML010 TECHNICAL INSERTION	8 / 2.816	7 / 5.985	- / -	6 / 10.272	- / -	6 / 10.272	9 / 17.982	10 / 17.580	9 / 16.978	13 / 15.470	- / -	62 / 87.083
Total Procurement, All Modifications	8 / 2.816	7 / 5.985	- / -	6 / 10.272	- / -	6 / 10.272	9 / 17.982	10 / 17.580	9 / 16.978	13 / 15.470	- / -	62 / 87.083
Support												
2.1) TI/APB NRE	- / 7.596	- / 10.223	- / 1.006	- / 2.284	- / -	- / 2.284	- / 2.326	- / 2.449	- / 2.357	- / 2.400	- / -	- / 30.641
Total Support, All Modifications	7.596	10.223	1.006	2.284	-	2.284	2.326	2.449	2.357	2.400	-	30.641
Total Procurement and Support	10.412	16.208	1.006	12.556	-	12.556	20.308	20.029	19.335	17.870	-	117.724
ML010 TECHNICAL INSERTION Installation Cost	- / 0.000	- / 0.323	- / 3.362	- / -	- / -	- / -	- / 3.210	- / 4.878	- / 6.112	- / 5.028	- / -	- / 22.913
Total Installation Cost	- / 0.000	- / 0.323	- / 3.362	- / -	- / -	- / -	- / 3.210	- / 4.878	- / 6.112	- / 5.028	- / -	- / 22.913
Total Cost (Procurement + Support + Installation)	10.412	16.531	4.368	12.556	-	12.556	23.518	24.907	25.447	22.898	-	140.637

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - ML010 TECHNICAL INSERTION											
Models of Systems Affected: TECHNICAL INSERTION										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: ML010 TECHNICAL INSERTION																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012								Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates		Feb 2013								Mar 2015				Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: ML010 TECHNICAL INSERTION										Method of Implementation: AIT										Installation Name: TI-10											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		8 / 0.323		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.323					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		8 / 0.323		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.323					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment		P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog		Modification Nomenclature (Modification Number - Modification Title): 4 - ML010 TECHNICAL INSERTION	
Models of Systems Affected: TECHNICAL INSERTION		Type Modification: SHIPALT		Related RDT&E PEs:	

Installation: ML010 TECHNICAL INSERTION			Method of Implementation: AIT					Installation Name: TI/APB				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	7 / 3.362	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 3.362
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.210	- / -	- / -	- / -	- / -	6 / 3.210
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.878	- / -	- / -	- / -	9 / 4.878
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.112	- / -	- / -	10 / 6.112
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 5.028	- / -	9 / 5.028
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / -	13 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	7 / 3.362	- / -	- / -	- / -	6 / 3.210	9 / 4.878	10 / 6.112	9 / 5.028	13 / -	54 / 22.590

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	1	3	3	-	-	-	-	-	3	2	1	-	3	4	2	-	2	4	4	-	2	4	3	13	54
Out	-	-	-	-	-	-	1	3	3	-	-	-	-	-	3	2	1	-	3	4	2	-	2	4	4	-	2	4	3	13	54

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - ML015 AN/BLQ-10(V) SSN ES SYSTEM			
Models of Systems Affected: AN/BLQ-10(V)2/3/4			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	450.649	7.020	4.061	1.253	-	1.253	1.202	-	-	-	-	464.185
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	450.649	7.020	4.061	1.253	-	1.253	1.202	-	-	-	-	464.185
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	450.649	7.020	4.061	1.253	-	1.253	1.202	-	-	-	-	464.185
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides fully integrated, covert, forward area radar signal intercept and ID capability for installation on LOS ANGELES, SEAWOLF and SSGN Class Submarines.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment			P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 5 - ML015 AN/BLQ-10(V) SSN ES SYSTEM				
Models of Systems Affected: AN/BLQ-10(V)2/3/4			Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ML015 AN/BLQ-10(V) SSN ES SYSTEM												
B Kits												
Recurring												
1.1.1) AN/BLQ-10(V) SSN ES SYSTEM - NonOrganic	45 / 272.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 272.004
1.1.2) AN/BLQ-10(V) SSN ES SYSTEM CCM - Organic	1 / 8.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.750
Subtotal Recurring	46 / 280.754	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 280.754
Total, ML015 AN/BLQ-10(V) SSN ES SYSTEM	46 / 280.754	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 280.754
Total Procurement, All Modifications	46 / 280.754	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 280.754
Total Procurement and Support	280.754	-	-	-	-	-	-	-	-	-	-	280.754
ML015 AN/BLQ-10(V) SSN ES SYSTEM Installation Cost	- / 169.895	- / 7.020	- / 4.061	- / 1.253	- / -	- / 1.253	- / 1.202	- / -	- / -	- / -	- / -	- / 183.431
Total Installation Cost	- / 169.895	- / 7.020	- / 4.061	- / 1.253	- / -	- / 1.253	- / 1.202	- / -	- / -	- / -	- / -	- / 183.431
Total Cost (Procurement + Support + Installation)	450.649	7.020	4.061	1.253	-	1.253	1.202	-	-	-	-	464.185

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - ML015 AN/BLQ-10(V) SSN ES SYSTEM																								
Models of Systems Affected: AN/BLQ-10(V)2/3/4				Type Modification: SHIPALT				Related RDT&E PEs:																								
Manufacturer Information: ML015 AN/BLQ-10(V) SSN ES SYSTEM																																
Manufacturer Name: Lockheed Martin								Manufacturer Location: Syracuse, NY																								
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 26																								
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
Contract Dates																																
Delivery Dates																																
Installation: ML015 AN/BLQ-10(V) SSN ES SYSTEM				Method of Implementation: AIT								Installation Name: AN/BLQ-10(V) SSN ES SYSTEM																				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
All Prior Years	34 / 169.895	6 / 7.020	3 / 4.061	1 / 1.253	0 / 0.000	1 / 1.253	1 / 1.202	- / -	- / -	- / -	- / -	45 / 183.431																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	34 / 169.895	6 / 7.020	3 / 4.061	1 / 1.253	- / -	1 / 1.253	1 / 1.202	- / -	- / -	- / -	- / -	45 / 183.431																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	34	-	1	1	4	1	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
Out	34	-	1	1	4	1	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
Installation: ML015 AN/BLQ-10(V) SSN ES SYSTEM				Method of Implementation: Not Installed - AN/BLQ-10(V) SSN ES SYSTEM CCM								Installation Quantity: 1																				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment			P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 6 - ML017 ANBLQ-10(V) FIELD CHANGE KITS				
Models of Systems Affected: AN/BLQ-10(V)			Type Modification: ORDALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	11.540	3.911	4.889	-	4.889	5.011	5.095	5.051	5.074	-	40.57
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	11.540	3.911	4.889	-	4.889	5.011	5.095	5.051	5.074	-	40.57
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	11.540	3.911	4.889	-	4.889	5.011	5.095	5.051	5.074	-	40.57
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures AN/BLQ-10(V) and ICADF subsystem Product Improvement Field Change Kits (FCK). AN/BLQ-10 FCKs are procured in variable quantities and types, and are bought from a variety of vendors each fiscal year.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment			P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog						Modification Nomenclature (Modification Number - Modification Title): 6 - ML017 ANBLQ-10(V) FIELD CHANGE KITS			
Models of Systems Affected: AN/BLQ-10(V)			Type Modification: ORDALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ML017 ANBLQ-10(V) FIELD CHANGE KITS												
B Kits												
Recurring												
1.1.1) AN/BLQ-10(V) FCKs - NonOrganic ⁽²⁾	- / -	1 / 11.170	1 / 3.535	1 / 4.556	- / -	1 / 4.556	1 / 4.633	1 / 4.712	1 / 4.792	1 / 4.873	- / -	7 / 38.271
Subtotal Recurring	- / -	1 / 11.170	1 / 3.535	1 / 4.556	- / -	1 / 4.556	1 / 4.633	1 / 4.712	1 / 4.792	1 / 4.873	- / -	7 / 38.271
Total, ML017 ANBLQ-10(V) FIELD CHANGE KITS	- / -	1 / 11.170	1 / 3.535	1 / 4.556	- / -	1 / 4.556	1 / 4.633	1 / 4.712	1 / 4.792	1 / 4.873	- / -	7 / 38.271
Total Procurement, All Modifications	- / -	1 / 11.170	1 / 3.535	1 / 4.556	- / -	1 / 4.556	1 / 4.633	1 / 4.712	1 / 4.792	1 / 4.873	- / -	7 / 38.271
Total Procurement and Support	-	11.170	3.535	4.556	-	4.556	4.633	4.712	4.792	4.873	-	38.271
ML017 ANBLQ-10(V) FIELD CHANGE KITS Installation Cost	- / 0.000	- / 0.370	- / 0.376	- / 0.333	- / -	- / 0.333	- / 0.378	- / 0.383	- / 0.259	- / 0.201	- / -	- / 2.300
Total Installation Cost	- / 0.000	- / 0.370	- / 0.376	- / 0.333	- / -	- / 0.333	- / 0.378	- / 0.383	- / 0.259	- / 0.201	- / -	- / 2.300
Total Cost (Procurement + Support + Installation)	0.000	11.540	3.911	4.889	-	4.889	5.011	5.095	5.051	5.074	-	40.571

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - ML017 ANBLQ-10(V) FIELD CHANGE KITS											
Models of Systems Affected: AN/BLQ-10(V)										Type Modification: ORDALT										Related RDT&E PEs:											
Manufacturer Information: ML017 ANBLQ-10(V) FIELD CHANGE KITS																															
Manufacturer Name: Multiple Vendors															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates		Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: ML017 ANBLQ-10(V) FIELD CHANGE KITS										Method of Implementation: AIT										Installation Name: AN/BLQ-10(V) FCKs											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		1 / 0.370		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.370					
FY 2013		- / -		- / -		1 / 0.376		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.376					
FY 2014		- / -		- / -		- / -		1 / 0.333		- / -		1 / 0.333		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.333					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.378		- / -		- / -		- / -		- / -		- / -		1 / 0.378					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.383		- / -		- / -		- / -		- / -		1 / 0.383					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.259		- / -		- / -		- / -		1 / 0.259					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.201		- / -		- / -		1 / 0.201					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		1 / 0.370		1 / 0.376		1 / 0.333		- / -		1 / 0.333		1 / 0.378		1 / 0.383		1 / 0.259		1 / 0.201		- / -		- / -		7 / 2.300					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	7
Out	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	7
Footnotes: (2) Variable quantities and types are bought each year.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - ML018 VA CLASS ES MODERNIZATION MMM		
Models of Systems Affected: VA MMM				Type Modification: SHIPALT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	9.305	2.849	2.840	-	-	-	-	-	-	-	-	14.994
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	9.305	2.849	2.840	-	-	-	-	-	-	-	-	14.994
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	9.305	2.849	2.840	-	-	-	-	-	-	-	-	14.994
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures ES Modernization upgrade of Multi-function Modular Mast (MMM) to the VIRGINIA CLASS AN/BLQ-10(V)1 EW System.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 7 - ML018 VA CLASS ES MODERNIZATION MMM				
Models of Systems Affected: VA MMM				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION MMM													
B Kits													
Recurring													
1.1.1) VA MMM - NonOrganic	2 / 9.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 9.305	
1.1.2) VA TRANSFER UNITS MMM - NonOrganic ⁽³⁾	2 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	
Subtotal Recurring	4 / 9.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.305	
Total, ML018 VA CLASS ES MODERNIZATION MMM	4 / 9.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.305	
Total Procurement, All Modifications	4 / 9.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.305	
Total Procurement and Support	9.305	-	-	-	-	-	-	-	-	-	-	9.305	
ML018 VA CLASS ES MODERNIZATION MMM Installation Cost	- / 0.000	- / 2.849	- / 2.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.689	
Total Installation Cost	- / 0.000	- / 2.849	- / 2.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.689	
Total Cost (Procurement + Support + Installation)	9.305	2.849	2.840	-	-	-	-	-	-	-	-	14.994	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - ML018 VA CLASS ES MODERNIZATION MMM											
Models of Systems Affected: VA MMM										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION MMM																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 20																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: ML018 VA CLASS ES MODERNIZATION MMM										Method of Implementation: AIT										Installation Name: VA MMM											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		2 / 2.840		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.840					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		2 / 2.840		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.840					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - ML018 VA CLASS ES MODERNIZATION MMM											
Models of Systems Affected: VA MMM										Type Modification: SHIPALT										Related RDT&E PEs:											
Installation: ML018 VA CLASS ES MODERNIZATION MMM										Method of Implementation: AIT										Installation Name: VA TRANSFER UNITS MMM											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	2 / 2.849	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.849																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	2 / 2.849	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.849																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Out	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Footnotes: ⁽³⁾ Two (2) Prior Year VA Transfer Units procured under BLI 0942 installed in FY12.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI		
Models of Systems Affected: VA ENTR/LPI				Type Modification: SHIPALT					Related RDT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.430	0.524	0.783	-	-	-	-	-	-	-	-	4.737
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.430	0.524	0.783	-	-	-	-	-	-	-	-	4.737
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.430	0.524	0.783	-	-	-	-	-	-	-	-	4.737
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures ES Modernization upgrades of Embedded National Tactical Receiver (ENTR) and Low Probability of Intercept (LPI) capabilities to the VIRGINIA CLASS AN/BLQ-10(V)1 EW System.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI				
Models of Systems Affected: VA ENTR/LPI				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION ENTR/LPI													
B Kits													
Recurring													
1.1.1) VA ENTR/LPI - NonOrganic	3 / 2.092	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.092	
1.1.2) VA TRANSFER UNITS ENTR/LPI - NonOrganic (4)	7 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	
Subtotal Recurring	10 / 2.092	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.092	
Total, ML018 VA CLASS ES MODERNIZATION ENTR/LPI	10 / 2.092	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.092	
Total Procurement, All Modifications	10 / 2.092	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.092	
Total Procurement and Support	2.092	-	-	-	-	-	-	-	-	-	-	2.092	
ML018 VA CLASS ES MODERNIZATION ENTR/LPI Installation Cost	- / 1.338	- / 0.524	- / 0.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.645	
Total Installation Cost	- / 1.338	- / 0.524	- / 0.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.645	
Total Cost (Procurement + Support + Installation)	3.430	0.524	0.783	-	-	-	-	-	-	-	-	4.737	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI																							
Models of Systems Affected: VA ENTR/LPI				Type Modification: SHIPALT				Related RDT&E PEs:																							
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION ENTR/LPI																															
Manufacturer Name: Lockheed Martin								Manufacturer Location: Syracuse, NY																							
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 20																							
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates																															
Delivery Dates																															
Installation: ML018 VA CLASS ES MODERNIZATION ENTR/LPI				Method of Implementation: AIT								Installation Name: VA ENTR/LPI																			
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																			
All Prior Years	- / -	- / -	3 / 0.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.783																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	3 / 0.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.783																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Out	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - ML018 VA CLASS ES MODERNIZATION ENTR/LPI											
Models of Systems Affected: VA ENTR/LPI										Type Modification: SHIPALT										Related RDT&E PEs:											
Installation: ML018 VA CLASS ES MODERNIZATION ENTR/LPI										Method of Implementation: AIT										Installation Name: VA TRANSFER UNITS ENTR/LPI											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		5 / 1.338	2 / 0.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.862																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		5 / 1.338	2 / 0.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.862																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Out	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Footnotes: ⁽⁴⁾ Seven (7) prior year VA Transfer Unit procured under BLI 0942 installed in prior years and FY12.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 9 - ML018 VA CLASS ES MODERNIZATION PEPI-3				
Models of Systems Affected: VA PEPI-3			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	12.076	5.330	2.236	8.389	-	8.389	-	4.574	-	0.211	-	32.816
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	12.076	5.330	2.236	8.389	-	8.389	-	4.574	-	0.211	-	32.816
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	12.076	5.330	2.236	8.389	-	8.389	-	4.574	-	0.211	-	32.816
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures ES Modernization upgrade of Photonics ESM Product Improvement (PEPI-3) capabilities to the VIRGINIA CLASS AN/BLQ-10(V)1 EW System.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 9 - ML018 VA CLASS ES MODERNIZATION PEPI-3				
Models of Systems Affected: VA PEPI-3			Type Modification: SHIPALT					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION PEPI-3													
B Kits													
Recurring													
1.1.1) VA PEPI-3 - NonOrganic	2 / 7.727	1 / 5.330	- / -	2 / 8.192	- / -	2 / 8.192	- / -	1 / 4.166	- / -	- / -	- / -	6 / 25.415	
1.1.2) VA TRANSFER UNITS PEPI-3 - NonOrganic ⁽⁵⁾	4 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / -	
Subtotal Recurring	6 / 7.727	1 / 5.330	- / -	2 / 8.192	- / -	2 / 8.192	- / -	1 / 4.166	- / -	- / -	- / -	10 / 25.415	
Total, ML018 VA CLASS ES MODERNIZATION PEPI-3	6 / 7.727	1 / 5.330	- / -	2 / 8.192	- / -	2 / 8.192	- / -	1 / 4.166	- / -	- / -	- / -	10 / 25.415	
Total Procurement, All Modifications	6 / 7.727	1 / 5.330	- / -	2 / 8.192	- / -	2 / 8.192	- / -	1 / 4.166	- / -	- / -	- / -	10 / 25.415	
Total Procurement and Support	7.727	5.330	-	8.192	-	8.192	-	4.166	-	-	-	25.415	
ML018 VA CLASS ES MODERNIZATION PEPI-3 Installation Cost	- / 4.349	- / -	- / 2.236	- / 0.197	- / -	- / 0.197	- / -	- / 0.408	- / -	- / 0.211	- / -	- / 7.401	
Total Installation Cost	- / 4.349	- / -	- / 2.236	- / 0.197	- / -	- / 0.197	- / -	- / 0.408	- / -	- / 0.211	- / -	- / 7.401	
Total Cost (Procurement + Support + Installation)	12.076	5.330	2.236	8.389	-	8.389	-	4.574	-	0.211	-	32.816	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - ML018 VA CLASS ES MODERNIZATION PEPI-3											
Models of Systems Affected: VA PEPI-3										Type Modification: SHIPALT										Related RDT&E PEs:											
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION PEPI-3																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Syracuse, NY																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 20																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012								Mar 2014								Mar 2016													
Delivery Dates		Oct 2013								Nov 2015								Nov 2017													
Installation: ML018 VA CLASS ES MODERNIZATION PEPI-3										Method of Implementation: AIT										Installation Name: VA PEPI-3											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		2 / 2.236		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.236					
FY 2012		- / -		- / -		- / -		1 / 0.197		- / -		1 / 0.197		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.197					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.408		- / -		- / -		- / -		- / -		2 / 0.408					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.211		- / -		- / -		1 / 0.211					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		2 / 2.236		1 / 0.197		- / -		1 / 0.197		- / -		2 / 0.408		- / -		1 / 0.211		- / -		- / -		6 / 3.052					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	6
Out	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	6

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - ML018 VA CLASS ES MODERNIZATION PEPI-3											
Models of Systems Affected: VA PEPI-3										Type Modification: SHIPALT										Related RDT&E PEs:											
Installation: ML018 VA CLASS ES MODERNIZATION PEPI-3										Method of Implementation: AIT										Installation Name: VA TRANSFER UNITS PEPI-3											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		4 / 4.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.349																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		4 / 4.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.349																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Footnotes: ⁽⁵⁾ Four (4) prior year VA Transfer Units procured under BLI 0942 installed in prior years.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - ML018 VA CLASS ES MODERNIZATION PATRIOT			
Models of Systems Affected: VA PATRIOT			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	7.545	1.727	2.081	3.122	-	3.122	0.167	3.791	1.955	2.408	-	22.796
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	7.545	1.727	2.081	3.122	-	3.122	0.167	3.791	1.955	2.408	-	22.796
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	7.545	1.727	2.081	3.122	-	3.122	0.167	3.791	1.955	2.408	-	22.796
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures Electronic Warfare Support (ES) Modernization upgrade of PATRIOT Phase B RADAR range finder for incorporation into the VIRGINIA CLASS Photonics Mast.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 10 - ML018 VA CLASS ES MODERNIZATION PATRIOT			
Models of Systems Affected: VA PATRIOT			Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ML018 VA CLASS ES MODERNIZATION PATRIOT												
B Kits												
Recurring												
1.1.1) VA PATRIOT - NonOrganic ⁽⁶⁾	5 / 6.955	1 / 1.430	1 / 1.454	2 / 2.958	- / -	2 / 2.958	- / -	3 / 3.451	2 / 1.955	2 / 1.988	- / -	16 / 20.191
Subtotal Recurring	5 / 6.955	1 / 1.430	1 / 1.454	2 / 2.958	- / -	2 / 2.958	- / -	3 / 3.451	2 / 1.955	2 / 1.988	- / -	16 / 20.191
Total, ML018 VA CLASS ES MODERNIZATION PATRIOT	5 / 6.955	1 / 1.430	1 / 1.454	2 / 2.958	- / -	2 / 2.958	- / -	3 / 3.451	2 / 1.955	2 / 1.988	- / -	16 / 20.191
Total Procurement, All Modifications	5 / 6.955	1 / 1.430	1 / 1.454	2 / 2.958	- / -	2 / 2.958	- / -	3 / 3.451	2 / 1.955	2 / 1.988	- / -	16 / 20.191
Total Procurement and Support	6.955	1.430	1.454	2.958	-	2.958	-	3.451	1.955	1.988	-	20.191
ML018 VA CLASS ES MODERNIZATION PATRIOT Installation Cost	- / 0.590	- / 0.297	- / 0.627	- / 0.164	- / -	- / 0.164	- / 0.167	- / 0.340	- / -	- / 0.420	- / -	- / 2.605
Total Installation Cost	- / 0.590	- / 0.297	- / 0.627	- / 0.164	- / -	- / 0.164	- / 0.167	- / 0.340	- / -	- / 0.420	- / -	- / 2.605
Total Cost (Procurement + Support + Installation)	7.545	1.727	2.081	3.122	-	3.122	0.167	3.791	1.955	2.408	-	22.796

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - ML018 VA CLASS ES MODERNIZATION PATRIOT									
Models of Systems Affected: VA PATRIOT										Type Modification: SHIPALT										Related RDT&E PEs:									
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION PATRIOT																													
Manufacturer Name: Various															Manufacturer Location: Various														
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 19														
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates		Mar 2012				Mar 2013				Mar 2014								Mar 2016				Mar 2017				Mar 2018			
Delivery Dates		Oct 2013				Oct 2014				Oct 2015								Oct 2017				Oct 2018				Oct 2019			

Installation: ML018 VA CLASS ES MODERNIZATION PATRIOT										Method of Implementation: AIT										Installation Name: VA PATRIOT									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total					
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)					
All Prior Years		2 / 0.590		1 / 0.297		2 / 0.627		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 1.514			
FY 2012		- / -		- / -		- / -		1 / 0.164		- / -		1 / 0.164		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.164			
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.167		- / -		- / -		- / -		- / -		- / -		1 / 0.167			
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.340		- / -		- / -		- / -		- / -		2 / 0.340			
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.420		- / -		- / -		3 / 0.420			
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / -		2 / -			
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / -		2 / -			
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		2 / 0.590		1 / 0.297		2 / 0.627		1 / 0.164		- / -		1 / 0.164		1 / 0.167		2 / 0.340		- / -		3 / 0.420		4 / -		- / -		16 / 2.605			

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	2	-	1	-	-	1	1	-	-	1	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	3	-	-	-	4	16
Out	2	-	1	-	-	1	1	-	-	1	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	3	-	-	-	4	16

Footnotes:
⁽⁶⁾ 6 month lead time for EDMs to be converted to LRIP units, FY11 delivery. The third unit lead time is 19 months.

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - ML018 VA CLASS ES MODERNIZATION SEI/CMF		
Models of Systems Affected: VA CI				Type Modification: SHIPALT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1.630	1.893	0.867	0.060	-	0.060	-	-	-	-	-	4.450
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1.630	1.893	0.867	0.060	-	0.060	-	-	-	-	-	4.450
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1.630	1.893	0.867	0.060	-	0.060	-	-	-	-	-	4.450
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures Capability Insertion Auto Signal Emitter ID (SEI)/Common Message Format(CMF) for installation on VIRGINIA Class submarines.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 11 - ML018 VA CLASS ES MODERNIZATION SEI/CMF				
Models of Systems Affected: VA CI				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION SEI/CMF													
B Kits													
Recurring													
1.1.1) VA SEI/CMF - NonOrganic	3 / 1.630	2 / 1.464	1 / 0.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.659	
Subtotal Recurring	3 / 1.630	2 / 1.464	1 / 0.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.659	
Total, ML018 VA CLASS ES MODERNIZATION SEI/CMF	3 / 1.630	2 / 1.464	1 / 0.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.659	
Total Procurement, All Modifications	3 / 1.630	2 / 1.464	1 / 0.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.659	
Total Procurement and Support	1.630	1.464	0.565	-	-	-	-	-	-	-	-	3.659	
ML018 VA CLASS ES MODERNIZATION SEI/CMF Installation Cost	- / 0.000	- / 0.429	- / 0.302	- / 0.060	- / -	- / 0.060	- / -	- / -	- / -	- / -	- / -	- / 0.791	
Total Installation Cost	- / 0.000	- / 0.429	- / 0.302	- / 0.060	- / -	- / 0.060	- / -	- / -	- / -	- / -	- / -	- / 0.791	
Total Cost (Procurement + Support + Installation)	1.630	1.893	0.867	0.060	-	0.060	-	-	-	-	-	4.450	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - ML018 VA CLASS ES MODERNIZATION SEI/CMF																			
Models of Systems Affected: VA CI				Type Modification: SHIPALT								Related RDT&E PEs:																			
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION SEI/CMF																															
Manufacturer Name: Lockheed Martin												Manufacturer Location: Syracuse, NY																			
Administrative Leadtime (<i>in Months</i>): 6												Production Leadtime (<i>in Months</i>): 12																			
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Feb 2012		Mar 2013																											
Delivery Dates		Feb 2013		Mar 2014																											
Installation: ML018 VA CLASS ES MODERNIZATION SEI/CMF				Method of Implementation: AIT								Installation Name: VA SEI/CMF																			
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		3 / 0.429		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.429							
FY 2012		- / -		- / -		2 / 0.302		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.302							
FY 2013		- / -		- / -		- / -		1 / 0.060		- / -		1 / 0.060		- / -		- / -		- / -		- / -		- / -		1 / 0.060							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		- / -		3 / 0.429		2 / 0.302		1 / 0.060		- / -		1 / 0.060		- / -		- / -		- / -		- / -		- / -		6 / 0.791							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	2	1	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	-	-	-	2	1	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 12 - ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION				
Models of Systems Affected: VA TI-10			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1.872	3.753	0.649	0.060	-	0.060	-	-	-	-	-	6.334
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1.872	3.753	0.649	0.060	-	0.060	-	-	-	-	-	6.334
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	1.872	3.753	0.649	0.060	-	0.060	-	-	-	-	-	6.334
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: TI-10 Radar Narrow Band (RNB) replaces maintenance prone original equipment for installation on VIRGINIA Class submarines. Provides updates to the AN/BLQ-10(V) configuration baseline which incorporates current Commercial off the Shelf (COTS) processing technology and software for obsolescence avoidance, and improved Reliability, Maintainability and Availability (RMA). Capability and Technical Insertions for AN/BLQ-10(V) provide spiral improvements to the baseline system which are designed to counter against new and evolving threat emitters. This effort specifically provides for ANBLQ-10(V) upgrades and technical H/W and S/W changes that will provide commonality in processors, receivers, interoperability improvements and functional software upgrades to meet current and future tactical requirements.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 12 - ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION				
Models of Systems Affected: VA TI-10				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION													
B Kits													
Recurring													
1.1.1) VA TI-10 - NonOrganic	5 / 1.872	1 / 2.539	1 / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.803	
Subtotal Recurring	5 / 1.872	1 / 2.539	1 / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.803	
Total, ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION	5 / 1.872	1 / 2.539	1 / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.803	
Total Procurement, All Modifications	5 / 1.872	1 / 2.539	1 / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.803	
Total Procurement and Support	1.872	2.539	0.392	-	-	-	-	-	-	-	-	4.803	
ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION Installation Cost	- / 0.000	- / 1.214	- / 0.257	- / 0.060	- / -	- / 0.060	- / -	- / -	- / -	- / -	- / -	- / 1.531	
Total Installation Cost	- / 0.000	- / 1.214	- / 0.257	- / 0.060	- / -	- / 0.060	- / -	- / -	- / -	- / -	- / -	- / 1.531	
Total Cost (Procurement + Support + Installation)	1.872	3.753	0.649	0.060	-	0.060	-	-	-	-	-	6.334	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment								P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION															
Models of Systems Affected: VA TI-10				Type Modification: SHIPALT								Related RDT&E PEs:																			
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION																															
Manufacturer Name: Lockheed Martin														Manufacturer Location: Syracuse, NY																	
Administrative Leadtime (<i>in Months</i>): 6														Production Leadtime (<i>in Months</i>): 16																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Feb 2012		Mar 2013																											
Delivery Dates		Jun 2013		Jul 2014																											
Installation: ML018 VA CLASS ES MODERNIZATION TECHNICAL INSERTION														Method of Implementation: AIT								Installation Name: VA TI-10									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	5 / 1.214	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.214																		
FY 2012		- / -	- / -	1 / 0.257	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.257																		
FY 2013		- / -	- / -	- / -	1 / 0.060	- / -	1 / 0.060	- / -	- / -	- / -	- / -	- / -	1 / 0.060																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	5 / 1.214	1 / 0.257	1 / 0.060	- / -	1 / 0.060	- / -	- / -	- / -	- / -	- / -	7 / 1.531																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	5	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7			
Out	-	-	-	-	5	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (Modification Number - Modification Title): 13 - ML018 VA CLASS ES MODERNIZATION RNB				
Models of Systems Affected: VA RNB			Type Modification: SHIPALT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5.162	6.144	0.627	-	-	-	-	-	-	-	-	11.933
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.162	6.144	0.627	-	-	-	-	-	-	-	-	11.933
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.162	6.144	0.627	-	-	-	-	-	-	-	-	11.933
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procures ES Modernization upgrade of Radar Narrow Band (RNB) capability to the VIRGINIA CLASS AN/BLQ-10(V)1 EW System.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog					Modification Nomenclature (Modification Number - Modification Title): 13 - ML018 VA CLASS ES MODERNIZATION RNB				
Models of Systems Affected: VA RNB				Type Modification: SHIPALT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ML018 VA CLASS ES MODERNIZATION RNB													
B Kits													
Recurring													
1.1.1) VA RNB - NonOrganic	3 / 5.162	2 / 5.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 10.912	
Subtotal Recurring	3 / 5.162	2 / 5.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 10.912	
Total, ML018 VA CLASS ES MODERNIZATION RNB	3 / 5.162	2 / 5.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 10.912	
Total Procurement, All Modifications	3 / 5.162	2 / 5.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 10.912	
Total Procurement and Support	5.162	5.750	-	-	-	-	-	-	-	-	-	10.912	
ML018 VA CLASS ES MODERNIZATION RNB Installation Cost	- / 0.000	- / 0.394	- / 0.627	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.021	
Total Installation Cost	- / 0.000	- / 0.394	- / 0.627	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.021	
Total Cost (Procurement + Support + Installation)	5.162	6.144	0.627	-	-	-	-	-	-	-	-	11.933	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - ML018 VA CLASS ES MODERNIZATION RNB																							
Models of Systems Affected: VA RNB				Type Modification: SHIPALT				Related RDT&E PEs:																							
Manufacturer Information: ML018 VA CLASS ES MODERNIZATION RNB																															
Manufacturer Name: Lockheed Martin								Manufacturer Location: Syracuse, NY																							
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 16																							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Feb 2012																														
Delivery Dates	Jun 2013																														
Installation: ML018 VA CLASS ES MODERNIZATION RNB				Method of Implementation: AIT				Installation Name: VA RNB																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	2 / 0.394	1 / 0.209	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.603																			
FY 2012	- / -	- / -	2 / 0.418	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.418																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	2 / 0.394	3 / 0.627	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.021																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	-	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment				P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - ML020 AN/BLQ-10B (V)		
Models of Systems Affected: AN/BLQ-10				Type Modification: SHIPALT					Related RDT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.109	14.447	31.091	36.201	-	89.848
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.109	14.447	31.091	36.201	-	89.848
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	8.109	14.447	31.091	36.201	-	89.848
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procurement of AN/BLQ-10B(V) NRE, PPU and augmentation systems for ES Modernization upgrades for all submarine platforms.												

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LI 2560 - Submarine Supt Equip Prog
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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 6: Submarine Surveillance Equipment										P-1 Line Item Nomenclature: 2560 - Submarine Supt Equip Prog										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - ML020 AN/BLQ-10B (V)									
Models of Systems Affected: AN/BLQ-10										Type Modification: SHIPALT										Related RDT&E PEs:									
Manufacturer Information: ML020 AN/BLQ-10B (V)																													
Manufacturer Name: TBD															Manufacturer Location: TBD														
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 18														
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates																		Apr 2016				Apr 2017				Apr 2018			
Delivery Dates																		Oct 2017				Oct 2018				Oct 2019			

Installation: ML020 AN/BLQ-10B (V)										Method of Implementation: AIT										Installation Name: Electronic Tactical Improvement Set									
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.460	2 / 0.460																	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / -	4 / -																	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.460	6 / 0.460																	

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	4	6
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	4	6

Installation: ML020 AN/BLQ-10B (V)										Method of Implementation: Not Installed - AN/BLQ-10B(V) PPU										Installation Quantity: 4									

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0603755N, 0603658N				Other Related Program Elements:					
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	688.803	19.332	27.881	34.692	-	34.692	38.105	29.370	34.691	35.273	37.100	945.247
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	688.803	19.332	27.881	34.692	-	34.692	38.105	29.370	34.691	35.273	37.100	945.247
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	688.803	19.332	27.881	34.692	-	34.692	38.105	29.370	34.691	35.273	37.100	945.247
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	1.109	1.705	1.403	-	1.403	1.343	1.559	1.041	0.452	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Mission Description and Budget Item Justification: Cooperative Engagement Capability (CEC) significantly improves Battle Force Anti-Air Warfare (AAW) capability by coordinating all Battle Force AAW sensors into a single, real-time, composite track picture capable of fire control quality. CEC distributes sensor data from each ship and aircraft, or cooperating unit (CU), to all other CUs in the battle force through a real-time, line of sight, high data rate sensor and engagement data distribution network. CEC is highly resistant to jamming and provides accurate gridlocking between CUs. Each CU independently employs high capacity, parallel processing and advanced algorithms to combine all distributed sensor data into a fire control quality track picture which is the same for all CUs. CEC data is presented as a superset of the best AAW sensor capabilities from each CU, all of which are integrated into a single input to each CU's combat weapons system. CEC significantly improves our Battle Force defense in depth, including both local area and ship defense capabilities against current and future AAW threats. Moreover, CEC provides critical connectivity and integration of over-land air defense systems capable of countering emerging air threats, including land attack cruise missiles, in a complex littoral environment. CEC consists of the Data Distribution System (DDS), the Cooperative Engagement Processor (CEP), and Combat System modifications. The DDS encodes and distributes ownership sensor and engagement data and is a high capacity, jam resistant, directive system providing a precision gridlocking and high throughput of data. The CEP is a high capacity distributed processor that is able to process force levels of data in near real-time. This data is passed to the ship's combat system as high quality data for which the ship can cue its onboard sensors or use the data to engage targets without actually tracking them. The Navy has begun implementation of a Pre-Planned Product Improvement (P3I) approach to modify the current equipment to meet reduced size, weight, cost, power and cooling objectives. This P3I approach also supports continuity for interoperability improvements and program protection, as well as supporting open architecture initiatives and comms independence. P3I will provide hardware which complies with Category 3 Open Architecture Core Environment (OACE) standards with rehosted existing software, which will be fielded fleet-wide to allow affordable replacement of obsolete computing system components and eliminate dependencies on "closed" equipment, operating systems, and middleware. A family of antennas approach will be used to satisfy CEC requirements with lower life cycle costs (procurement, installation, and maintenance) and reduced weight (on mast and below deck). These antennas enable future capability as well as providing a solution extensible to additional platforms. A competitive contract for Common Array Block (CAB) antenna production is planned to be awarded in FY14. CEC is planned for shipboard installations at various Naval and commercial shipyards aboard CG/CG Mod, DDG/DDG Mod, CV/CVN, LHD, DDG 1000, and LHA ship classes during scheduled ship availability periods and at land based test sites (LBTS). [P40A / UC002 - AN/UYQ-70 DISPLAY]: This is a sunk cost to fund the procurement of the AN/UYQ-70 display system for use and integration with the CEC system.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0603755N, 0603658N	Other Related Program Elements:
MDAP/MAIS Code(s): [P40A / UC004 - ECP/KIT PROCUREMENT]: These funds are for the procurement and installation of Engineering Change Proposals (ECPs) and Field Change Kits to address CEC parts obsolescence associated with interfacing systems on multiple platforms. [P40A / UC005 - NON-RECURRING DEPOT COST]: This is a sunk cost to establish a depot for the CEC system. [P40A / UC006 - VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING]: This is a sunk cost to fund VISTA training related to the CEC system. [P40A / UC008 - SUPPLY SUPPORT]: This is a sunk cost for Supply Support for the CEC system. [P40A / UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTs)]: Funds are for the procurement of Signal Data Processors (SDP) backfits at Land Based Test Sites (LBTs). There are no installation costs associated with these procurements because the installations will be performed by employees at the LBTs. [P40A / UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)]: Funds are for the procurement of AN/USG-2B hardware conversion kits for the CEC AN/USG-2 system configuration. [P40A / UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)]: Funds are for the procurement of AN/USG-2B hardware conversion kits for the AN/USG-2A CEC system configuration. [P40A / UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTs)]: Funds are for the procurement of AN/USG-2B hardware conversion kits for CEC Land Based Test Sites. [P40A / UC830 - PRODUCTION ENGR. SUPPORT]: These funds are for production engineering support for CEC systems. [P40A / UCCA1 - CONGRESSIONAL ADD]: These are Congressional add funds. [P3A / UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)]: These funds are for the procurement of CEC to backfit CG, DDG, CV/CVN, and LHD ship classes, as well as various Land Based Test Sites (LBTs). [P3A / UC003 - PAAA BACKFIT KITS]: These funds are for the procurement of Planar Antenna Array Assembly (PAAA) backfit kits. [P3A / UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS]: Funds are for the procurement of Signal Data Processors (SDP) backfits. [P3A / UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)]: Funds are for the procurement of Signal Data Processors (SDP) backfits for AN/USG-2A equipment. [P3A / UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD]: Funds are for the procurement of Common Array Block (CAB) antennas for shipboard AN/USG-2B systems.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0603755N, 0603658N						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
COOPERATIVE ENGAGEMENT CAPABILITY	P40A, P5A				228.076			7.884			16.269			15.574			-			15.574	
1 - UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)	P3A				431.396			1.200			-			4.854			-			4.854	
2 - UC003 - PAAA BACKFIT KITS	P3A				21.817			2.537			3.385			0.100			-			0.100	
3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS	P3A				5.264			4.666			5.142			5.106			-			5.106	
4 - UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)	P3A				2.250			3.045			3.085			3.958			-			3.958	
5 - UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD	P3A				0.000			-			-			5.100			-			5.100	
Total Gross/Weapon System Cost					688.803			19.332			27.881			34.692			-			34.692	
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
COOPERATIVE ENGAGEMENT CAPABILITY	P40A, P5A				-			-			-			-			-			-	
1 - UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)	P3A				5.087			6.634			6.742			6.850			2.750			465.513	
2 - UC003 - PAAA BACKFIT KITS	P3A				-			-			-			-			-			27.839	
3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS	P3A				8.586			7.132			4.908			2.745			-			43.549	
4 - UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)	P3A				4.678			3.249			2.516			0.665			-			23.446	
5 - UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD	P3A				2.154			5.043			13.288			17.222			13.407			56.214	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items: 0603755N, 0603658N					Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost				38.105			29.370			34.691			35.273			37.100			945.247	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

Justification:

FY14 funds are required to procure hardware and provide associated support for the CEC system. Driven by procurement of CEC for LHD-2, Common Array Block Antenna and procurements of Signal Data Processors with reductions to current FY14 planned installations and conversion kit sub component procurements from FY13.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability						Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY								
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) UC002 - AN/UYQ-70 DISPLAY																				
1.1) AN/UYQ-70 DISPLAY	A		-	-	21.493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) UC002 - AN/UYQ-70 DISPLAY					21.493			-			-			-			-			-
2) UC004 - ECP/KIT PROCUREMENT																				
2.1) ECP/KIT PROCUREMENT	A		-	-	81.865	-	-	3.184	-	-	4.919	-	-	4.891	-	-	-	-	-	4.891
Subtotal 2) UC004 - ECP/KIT PROCUREMENT					81.865			3.184			4.919			4.891			-			4.891
3) UC005 - NON-RECURRING DEPOT COST																				
3.1) NON-RECURRING DEPOT SUPPORT	A		-	-	4.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) UC005 - NON-RECURRING DEPOT COST					4.500			-			-			-			-			-
4) UC006 - VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING																				
4.1) VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING	A		-	-	0.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) UC006 - VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING					0.700			-			-			-			-			-
5) UC008 - SUPPLY SUPPORT																				
5.1) SUPPLY SUPPORT	A		-	-	6.094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) UC008 - SUPPLY SUPPORT					6.094			-			-			-			-			-
6) UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)																				
† 6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)	A		450,000.00	5	2.250	669,000.00	3	2.007	250,333.33	3	0.751	263,000.00	2	0.526	-	-	-	263,000.00	2	0.526

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 6) UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)					2.250			2.007			0.751			0.526			-			0.526
7) UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)																				
† 7.1) AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)	A		-	-	-	-	-	-	486,000.00	10	4.860	500,625.00	8	4.005	-	-	-	500,625.00	8	4.005
Subtotal 7) UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)					-			-			4.860			4.005			-			4.005
8) UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)																				
† 8.1) AN/USG-2B HARDWARE CONVERSION KIT (AN/USG-2A)	A		-	-	-	-	-	-	347,400.00	5	1.737	347,333.33	6	2.084	-	-	-	347,333.33	6	2.084
Subtotal 8) UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)					-			-			1.737			2.084			-			2.084
9) UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTS)																				
† 9.1) AN/USG-2B HARDWARE CONVERSION KITS (LBTS)	A		-	-	-	-	-	-	486,000.00	3	1.458	500,500.00	2	1.001	-	-	-	500,500.00	2	1.001
Subtotal 9) UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTS)					-			-			1.458			1.001			-			1.001
10) UC830 - PRODUCTION ENGR. SUPPORT																				
10.1) PRODUCTION ENGR. SUPPORT	A		-	-	73.635	-	-	2.693	-	-	2.544	-	-	3.067	-	-	-	-	-	3.067
Subtotal 10) UC830 - PRODUCTION ENGR. SUPPORT					73.635			2.693			2.544			3.067			-			3.067

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
11) UCCA1 - CONGRESSIONAL ADD																				
11.1) CONGRESSIONAL ADD	A		-	-	23.249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) UCCA1 - CONGRESSIONAL ADD</i>					23.249			-			-			-			-			-
12) UC6IN - NON-FMP INSTALLATION																				
12.1) NON-FMP INSTALLATION	A		-	-	14.290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) UC6IN - NON-FMP INSTALLATION</i>					14.290			-			-			-			-			-
Total					228.076			7.884			16.269			15.574			-			15.574

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability						Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) UC002 - AN/UYQ-70 DISPLAY																				
1.1) AN/UYQ-70 DISPLAY	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) UC002 - AN/UYQ-70 DISPLAY					-			-			-			-			-		-	
2) UC004 - ECP/KIT PROCUREMENT																				
2.1) ECP/KIT PROCUREMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) UC004 - ECP/KIT PROCUREMENT					-			-			-			-			-		-	
3) UC005 - NON-RECURRING DEPOT COST																				
3.1) NON-RECURRING DEPOT SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 3) UC005 - NON-RECURRING DEPOT COST					-			-			-			-			-		-	
4) UC006 - VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING																				
4.1) VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) UC006 - VISUAL INTERACTIVE SIMULATED TRAINING APPLICATION (VISTA) TRAINING					-			-			-			-			-		-	
5) UC008 - SUPPLY SUPPORT																				
5.1) SUPPLY SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) UC008 - SUPPLY SUPPORT					-			-			-			-			-		-	
6) UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)																				
† 6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 6) UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)					-			-			-			-			-			-
7) UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)																				
† 7.1) AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)					-			-			-			-			-			-
8) UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)																				
† 8.1) AN/USG-2B HARDWARE CONVERSION KIT (AN/USG-2A)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)					-			-			-			-			-			-
9) UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTS)																				
† 9.1) AN/USG-2B HARDWARE CONVERSION KITS (LBTS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTS)					-			-			-			-			-			-
10) UC830 - PRODUCTION ENGR. SUPPORT																				
10.1) PRODUCTION ENGR. SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) UC830 - PRODUCTION ENGR. SUPPORT					-			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability							Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
11) UCCA1 - CONGRESSIONAL ADD																				
11.1) CONGRESSIONAL ADD	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 11) UCCA1 - CONGRESSIONAL ADD					-			-			-			-					-	
12) UC6IN - NON-FMP INSTALLATION																				
12.1) NON-FMP INSTALLATION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 12) UC6IN - NON-FMP INSTALLATION					-			-			-			-			-		-	
Total					-			-			-			-			-		-	

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability					Aggregated Item Name: COOPERATIVE ENGAGEMENT CAPABILITY			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
6) UC011 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)												
6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)		2011	Sechan Electronics, Inc. / Lititz, PA	C / IDIQ	Washington, DC	Dec 2011	Jun 2013	5	450,000.00	Y		
6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)		2012	Sechan Electronics, Inc. / Lititz, PA	C / IDIQ	Washington, DC	Dec 2012	Jun 2014	3	669,000.00	Y		
6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)		2013	Sechan Electronics, Inc. / Lititz, PA	C / IDIQ	Washington, DC	Sep 2013	Mar 2015	3	250,333.33	Y		
6.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS (LBTS)		2014	Sechan Electronics, Inc. / Lititz, PA	C / IDIQ	Washington, DC	Sep 2014	Mar 2016	2	263,000.00	Y		
7) UC013 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)												
7.1) AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)		2013	Raytheon / St. Petersburg, FL	C / TBD	Washington, DC	Mar 2013	May 2014	10	486,000.00	Y		
7.1) AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2)		2014	TBD / TBD	C / TBD	Washington, DC	Mar 2014	May 2015	8	500,625.00	Y		
8) UC014 - AN/USG-2B HARDWARE CONVERSION KITS (AN/USG-2A)												
8.1) AN/USG-2B HARDWARE CONVERSION KIT (AN/USG-2A)		2013	Raytheon / St. Petersburg, FL	C / TBD	Washington, DC	Mar 2013	May 2014	5	347,400.00	Y		
8.1) AN/USG-2B HARDWARE CONVERSION KIT (AN/USG-2A)		2014	TBD / TBD	C / TBD	Washington, DC	Mar 2014	May 2015	6	347,333.33	Y		
9) UC015 - AN/USG-2B HARDWARE CONVERSION KITS (LBTS)												
9.1) AN/USG-2B HARDWARE CONVERSION KITS (LBTS)		2013	Raytheon / St. Petersburg, FL	C / TBD	Washington, DC	Mar 2013	May 2014	3	486,000.00	Y		
9.1) AN/USG-2B HARDWARE CONVERSION KITS (LBTS)		2014	TBD / TBD	C / TBD	Washington, DC	Mar 2014	May 2015	2	500,500.00	Y		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)		
Models of Systems Affected: UC001 COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (CETPS) (AN/USG-2/2A/2B)				Type Modification: SGAAW						Related RDT&E PEs: 0603755N, 0603658N		
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	431.396	1.200	-	4.854	-	4.854	5.087	6.634	6.742	6.850	2.750	465.513
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	431.396	1.200	-	4.854	-	4.854	5.087	6.634	6.742	6.850	2.750	465.513
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	431.396	1.200	-	4.854	-	4.854	5.087	6.634	6.742	6.850	2.750	465.513
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Strike Group Anti-Air Warfare (AAW) Improvement												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability					Modification Nomenclature (Modification Number - Modification Title): 1 - UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)			
Models of Systems Affected: UC001 COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (CETPS) (AN/USG-2/2A/2B)				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)												
B Kits												
Recurring												
1.1.1) COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B) - NonOrganic	47 / 359.673	- / -	- / -	1 / 4.854	- / -	1 / 4.854	1 / 4.956	1 / 5.060	1 / 5.167	1 / 5.276	- / -	52 / 384.986
Subtotal Recurring	47 / 359.673	- / -	- / -	1 / 4.854	- / -	1 / 4.854	1 / 4.956	1 / 5.060	1 / 5.167	1 / 5.276	- / -	52 / 384.986
Total, UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)	47 / 359.673	- / -	- / -	1 / 4.854	- / -	1 / 4.854	1 / 4.956	1 / 5.060	1 / 5.167	1 / 5.276	- / -	52 / 384.986
Total Procurement, All Modifications	47 / 359.673	- / -	- / -	1 / 4.854	- / -	1 / 4.854	1 / 4.956	1 / 5.060	1 / 5.167	1 / 5.276	- / -	52 / 384.986
Total Procurement and Support	359.673	-	-	4.854	-	4.854	4.956	5.060	5.167	5.276	-	384.986
UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B) Installation Cost	- / 71.723	- / 1.200	- / -	- / -	- / -	- / -	- / 0.131	- / 1.574	- / 1.575	- / 1.574	- / 2.750	- / 80.527
Total Installation Cost	- / 71.723	- / 1.200	- / -	- / -	- / -	- / -	- / 0.131	- / 1.574	- / 1.575	- / 1.574	- / 2.750	- / 80.527
Total Cost (Procurement + Support + Installation)	431.396	1.200	-	4.854	-	4.854	5.087	6.634	6.742	6.850	2.750	465.513

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)											
Models of Systems Affected: UC001 COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (CETPS) (AN/USG-2/2A/2B)										Type Modification: SGAAW										Related RDT&E PEs: 0603755N, 0603658N											
Manufacturer Information: UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 18													Production Leadtime (<i>in Months</i>): 18																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Apr 2014				Apr 2015				Apr 2016				Apr 2017				Apr 2018					
Delivery Dates										Oct 2015				Oct 2016				Oct 2017				Oct 2018				Oct 2019					
Installation: UC001 - COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)										Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)										Installation Name: COOPERATIVE ENGAGEMENT TRANSMISSION PROCESSING SET (USG-2/2A/2B)											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		46 / 71.723	1 / 1.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		47 / 72.923								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / 0.131		1 / 1.374		- / -		- / -		- / -		1 / 1.505								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / 0.200		1 / 1.375		- / -		- / -		1 / 1.575								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / 0.200		1 / 1.375		- / -		- / -		1 / 1.575								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.199		1 / 1.375		1 / 1.574		1 / 1.574								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.375		1 / 1.375		1 / 1.375								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		46 / 71.723	1 / 1.200		- / -		- / -		- / -		- / -		- / 0.131		1 / 1.574		1 / 1.575		1 / 1.574		2 / 2.750		52 / 80.527								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	46	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	52		
Out	46	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	52		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (Modification Number - Modification Title): 2 - UC003 - PAAA BACKFIT KITS				
Models of Systems Affected: UC003 PAAA BACKFIT KITS			Type Modification: SGAAW					Related RDT&E PEs: 0603755N, 0603658N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	21.817	2.537	3.385	0.100	-	0.100	-	-	-	-	-	27.839
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.817	2.537	3.385	0.100	-	0.100	-	-	-	-	-	27.839
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.817	2.537	3.385	0.100	-	0.100	-	-	-	-	-	27.839
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Strike Group Anti-Air Warfare (AAW) Improvement. The PAAA Backfit Kit procurements will be replaced with Common Array Block (CAB) - Shipboard Antenna procurements commencing in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UC003 - PAAA BACKFIT KITS				
Models of Systems Affected: UC003 PAAA BACKFIT KITS				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
UC003 - PAAA BACKFIT KITS												
B Kits												
Non-Recurring												
1.1.1) PAAA BACKFIT KITS - NonOrganic	5 / 19.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 19.201
<i>Subtotal Non-Recurring</i>	5 / 19.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 19.201
<i>Total, UC003 - PAAA BACKFIT KITS</i>	5 / 19.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 19.201
<i>Total Procurement, All Modifications</i>	5 / 19.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 19.201
Total Procurement and Support	19.201	-	-	-	-	-	-	-	-	-	-	19.201
UC003 - PAAA BACKFIT KITS Installation Cost	- / 2.616	- / 2.537	- / 3.385	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 8.638
<i>Total Installation Cost</i>	- / 2.616	- / 2.537	- / 3.385	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 8.638
Total Cost (Procurement + Support + Installation)	21.817	2.537	3.385	0.100	-	0.100	-	-	-	-	-	27.839

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UC003 - PAAA BACKFIT KITS											
Models of Systems Affected: UC003 PAAA BACKFIT KITS										Type Modification: SGAAW										Related RDT&E PEs: 0603755N, 0603658N											
Manufacturer Information: UC003 - PAAA BACKFIT KITS																															
Manufacturer Name: Raytheon ⁽¹⁾															Manufacturer Location: St. Petersburg, FL																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 18																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: UC003 - PAAA BACKFIT KITS										Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)										Installation Name: PAAA BACKFIT KITS											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		1 / 2.616	1 / 2.537		3 / 3.385		0 / 0.100		0 / 0.000		0 / 0.100		- / -		- / -		- / -		- / -		- / -		- / -		5 / 8.638						
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		1 / 2.616	1 / 2.537		3 / 3.385		- / 0.100		- / -		- / 0.100		- / -		- / -		- / -		- / -		- / -		- / -		5 / 8.638						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	1	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Footnotes: ⁽¹⁾ PAAA Backfit Kits are partial systems. The installation funding in FY14 is for the installation of 4 PAAA valves for CVN.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS				
Models of Systems Affected: UC009 SIGNAL DATA PROCESSORS (SDP) BACKFITS				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5.264	4.666	5.142	5.106	-	5.106	8.586	7.132	4.908	2.745	-	43.549
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	5.264	4.666	5.142	5.106	-	5.106	8.586	7.132	4.908	2.745	-	43.549
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	5.264	4.666	5.142	5.106	-	5.106	8.586	7.132	4.908	2.745	-	43.549
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Strike Group Anti-Air Warfare (AAW) Improvement. Funds are for the procurement of Signal Data Processors (SDP) backfits. [SIGNAL DATA PROCESSORS (SDP) BACKFITS] Prior Year and FY12 includes funding to procure AN/USG-2B hardware conversion kits. A new cost code (UC013) was created and the funding for the hardware conversion kits has been realigned to this cost code for FY13-15.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability						Modification Nomenclature (Modification Number - Modification Title): 3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS			
Models of Systems Affected: UC009 SIGNAL DATA PROCESSORS (SDP) BACKFITS				Type Modification: SGAAW					Related RDT&E PEs: 0603755N, 0603658N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS													
B Kits													
Recurring													
1.1.1) SIGNAL DATA PROCESSORS (SDP) BACKFITS - NonOrganic	5 / 5.000	6 / 3.593	10 / 2.503	8 / 2.043	- / -	8 / 2.043	12 / 3.140	- / -	- / -	- / -	- / -	41 / 16.279	
Subtotal Recurring	5 / 5.000	6 / 3.593	10 / 2.503	8 / 2.043	- / -	8 / 2.043	12 / 3.140	- / -	- / -	- / -	- / -	41 / 16.279	
Total, UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS	5 / 5.000	6 / 3.593	10 / 2.503	8 / 2.043	- / -	8 / 2.043	12 / 3.140	- / -	- / -	- / -	- / -	41 / 16.279	
Total Procurement, All Modifications	5 / 5.000	6 / 3.593	10 / 2.503	8 / 2.043	- / -	8 / 2.043	12 / 3.140	- / -	- / -	- / -	- / -	41 / 16.279	
Total Procurement and Support	5.000	3.593	2.503	2.043	-	2.043	3.140	-	-	-	-	16.279	
UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS Installation Cost	- / 0.264	- / 1.073	- / 2.639	- / 3.063	- / -	- / 3.063	- / 5.446	- / 7.132	- / 4.908	- / 2.745	- / -	- / 27.270	
Total Installation Cost	- / 0.264	- / 1.073	- / 2.639	- / 3.063	- / -	- / 3.063	- / 5.446	- / 7.132	- / 4.908	- / 2.745	- / -	- / 27.270	
Total Cost (Procurement + Support + Installation)	5.264	4.666	5.142	5.106	-	5.106	8.586	7.132	4.908	2.745	-	43.549	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS				
Models of Systems Affected: UC009 SIGNAL DATA PROCESSORS (SDP) BACKFITS				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Manufacturer Information: UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS												
Manufacturer Name: Sechan Electronics, Inc.						Manufacturer Location: Lititz, PA						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 18						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2012	Sep 2013	Sep 2014	Sep 2015								
Delivery Dates	Jun 2014	Mar 2015	Mar 2016	Mar 2017								
Manufacturer Name: Raytheon						Manufacturer Location: St. Petersburg, FL						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 18						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Mar 2012											
Delivery Dates	Sep 2013											
Installation: UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS				Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)				Installation Name: SIGNAL DATA PROCESSORS (SDP) BACKFITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 0.264	0 / 1.073	1 / 0.405	4 / 1.530	0 / 0.000	4 / 1.530	- / -	- / -	- / -	- / -	- / -	5 / 3.272
FY 2012	- / -	- / -	- / 2.234	- / 1.533	- / -	- / 1.533	6 / 2.040	- / -	- / -	- / -	- / -	6 / 5.807
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.420	8 / 3.060	- / 0.558	- / -	- / -	10 / 5.038
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.986	5 / 1.913	3 / 1.148	- / -	- / -	8 / 5.047
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.159	6 / 3.202	6 / 2.745	- / -	12 / 8.106
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.264	- / 1.073	1 / 2.639	4 / 3.063	- / -	4 / 3.063	8 / 5.446	13 / 7.132	9 / 4.908	6 / 2.745	- / -	41 / 27.270

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013																													
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability																													
		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS																													
Models of Systems Affected: UC009 SIGNAL DATA PROCESSORS (SDP) BACKFITS		Type Modification: SGAAW																													
		Related RDT&E PEs: 0603755N, 0603658N																													
Installation: UC009 - SIGNAL DATA PROCESSOR (SDP) BACKFITS		Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)																													
		Installation Name: SIGNAL DATA PROCESSORS (SDP) BACKFITS																													
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	1	-	-	-	1	3	1	2	2	3	5	3	1	4	3	2	4	-	3	1	2	-	-	41
Out	-	-	-	-	-	-	-	1	-	-	-	1	3	1	2	2	3	5	3	1	4	3	2	4	-	3	1	2	-	-	41

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				
Models of Systems Affected: UC010 SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2.250	3.045	3.085	3.958	-	3.958	4.678	3.249	2.516	0.665	-	23.446
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2.250	3.045	3.085	3.958	-	3.958	4.678	3.249	2.516	0.665	-	23.446
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2.250	3.045	3.085	3.958	-	3.958	4.678	3.249	2.516	0.665	-	23.446
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Strike Group Anti-Air Warfare (AAW) Improvement. Funds are for the procurement of Signal Data Processors (SDP) backfits for AN/USG-2A equipment. [SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)] Prior Year and FY12 includes funding to procure AN/USG-2B hardware conversion kits. A new cost code (UC014) was created and the funding for the hardware conversion kits has been realigned to this cost code for FY13-15.												

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LI 2606 - Cooperative Engagement Capability
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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				
Models of Systems Affected: UC010 SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Manufacturer Information: UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)												
Manufacturer Name: Sechan Electronics, Inc.							Manufacturer Location: Lititz, PA					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2012	Sep 2013	Sep 2014	Sep 2015								
Delivery Dates	Jun 2014	Mar 2015	Mar 2016	Mar 2017								
Manufacturer Name: Raytheon							Manufacturer Location: St. Petersburg, FL					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Mar 2012											
Delivery Dates	Sep 2013											
Installation: UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)				Installation Name: SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	0 / 1.833	2 / 0.873	0 / 0.000	2 / 0.873	3 / 0.773	- / -	- / -	- / -	- / -	5 / 3.479
FY 2012	- / -	- / -	- / -	- / 1.553	- / -	- / 1.553	5 / 1.288	- / -	- / -	- / -	- / -	5 / 2.841
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.570	5 / 1.288	- / -	- / -	- / -	5 / 2.858
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.515	4 / 1.030	- / -	- / -	6 / 1.545
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.446	2 / 1.486	2 / 0.665	- / -	4 / 3.597
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / 1.833	2 / 2.426	- / -	2 / 2.426	8 / 3.631	7 / 3.249	6 / 2.516	2 / 0.665	- / -	25 / 14.320

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Exhibit P-3A, Individual Modification: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability										Modification Nomenclature (Modification Number - Modification Title): 4 - UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)											
Models of Systems Affected: UC010 SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)										Type Modification: SGAAW										Related RDT&E PEs: 0603755N, 0603658N											
Installation: UC010 - SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)										Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)										Installation Name: SIGNAL DATA PROCESSORS (SDP) BACKFITS (AN/USG-2A)											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	1	-	1	3	1	2	2	1	2	3	1	1	2	-	3	-	1	-	1	-	25
Out	-	-	-	-	-	-	-	-	-	-	1	-	1	3	1	2	2	1	2	3	1	1	2	-	3	-	1	-	1	-	25

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD				
Models of Systems Affected: UC012 COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	5.100	-	5.100	2.154	5.043	13.288	17.222	13.407	56.214
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	5.100	-	5.100	2.154	5.043	13.288	17.222	13.407	56.214
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	5.100	-	5.100	2.154	5.043	13.288	17.222	13.407	56.214
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Strike Group Anti-Air Warfare (AAW) Improvement. Funds are for the procurement of Common Array Block (CAB) antennas for shipboard AN/USG-2B systems.												

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LI 2606 - Cooperative Engagement Capability
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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2606 - Cooperative Engagement Capability				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD																							
Models of Systems Affected: UC012 COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD				Type Modification: SGAAW				Related RDT&E PEs: 0603755N, 0603658N																							
Manufacturer Information: UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD																															
Manufacturer Name: TBD ⁽²⁾							Manufacturer Location: TBD																								
Administrative Leadtime (<i>in Months</i>): 18							Production Leadtime (<i>in Months</i>): 18																								
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates					Dec 2013		Dec 2014		Dec 2015		Dec 2016		Dec 2017																		
Delivery Dates					Jun 2015		Jun 2016		Jun 2017		Jun 2018		Jun 2019																		
Installation: UC012 - COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD				Method of Implementation: ALTERATION INSTALLATION TEAM (AIT)				Installation Name: COMMON ARRAY BLOCK (CAB) ANTENNA - SHIPBOARD																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.454	3 / 2.730	- / -	- / -	- / -	3 / 3.184																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.613	1 / 0.910	- / -	- / -	1 / 1.523																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.478	1 / 0.910	- / -	1 / 1.388																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.753	7 / 2.302	7 / 3.055																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.259	9 / 4.661	9 / 4.920																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.344	3 / 1.344																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.454	3 / 3.343	1 / 1.388	1 / 1.922	19 / 8.307	24 / 15.414																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	1	-	-	19	24
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	1	-	-	19	24
Footnotes: ⁽²⁾ This will be a competitive contract planned to be awarded in FY14, therefore the Manufacturing Name and Location are listed as TBD.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2608 - Trusted Information System (TIS)										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	9.921	0.426	0.448	0.396	-	0.396	0.409	0.373	0.383	0.390	Continuing	Continuing								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	9.921	0.426	0.448	0.396	-	0.396	0.409	0.373	0.383	0.390	Continuing	Continuing								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	9.921	0.426	0.448	0.396	-	0.396	0.409	0.373	0.383	0.390	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: JG030: Trusted Information System (TIS) Radiant Mercury (RM) system provides the core on-line, automated guarding, sanitization, and transliteration services that provides the United State Navy (USN)'s primary command and control systems with the capability to move data between multiple security domains. RM is a critical component in a wide variety of Navy architectures to include Consolidated Afloat Network Enterprise Services (CANES) and the Maritime Operations Centers (MOC). RM supports numerous programs to include the Navy's Automated Identification System (AIS), Global Command Control Systems-Maritime (GCCS-M), Distributed Common Ground System-Navy (DCGS-N), and Navy Tactical Ranges. RM architecture provides the capability to move data between security domains in order to maintain Maritime Domain Awareness (MDA) and effectivley share information. As the Department of Defense (DoD) Executive Agent for RM the USN also maintains the RM development team, Independent Validation and Verification (IV&V) team, and test facilities for both the DoD and the Intelligence Community. RM is deployed at over 420 sites worldwide with approximately 800 fielded systems. Funds continuous hardware tech refresh at the prime developer and at certification test locations.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Trusted Information System (TIS)	P40A, P5A				9.921			0.426			0.448			0.396			-			0.396
Total Gross/Weapon System Cost					9.921			0.426			0.448			0.396			-			0.396
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2608 - Trusted Information System (TIS)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: The FY 2014 budget procures and fields TIS Radiant Mercury shore systems.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2608 - Trusted Information System (TIS)								Aggregated Item Name: Trusted Information System (TIS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) TIS Procurements																				
† 1.1) TIS Ashore Procurements (JG030)	A		272.545	33	8.994	162.000	2	0.324	145.500	2	0.291	145.500	2	0.291	-	-	-	145.500	2	0.291
Subtotal 1) TIS Procurements					8.994			0.324			0.291			0.291			-			0.291
2) TIS Installations																				
2.1) TIS Ashore Installations (JG776)	A		-	-	0.927	-	-	0.102	-	-	0.157	-	-	0.105	-	-	-	-	-	0.105
Subtotal 2) TIS Installations					0.927			0.102			0.157			0.105			-			0.105
Total					9.921			0.426			0.448			0.396			-			0.396

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment			P-1 Line Item Nomenclature: 2608 - Trusted Information System (TIS)						Aggregated Item Name: Trusted Information System (TIS)			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) TIS Procurements												
1.1) TIS Ashore Procurements (JG030)		2012 ⁽¹⁾	Lockheed Martin / Denver, CO	WR	NSMA	Nov 2011	May 2012	2	162.000	Y		
1.1) TIS Ashore Procurements (JG030)		2013	Lockheed Martin / Denver, CO	WR	NSMA	Nov 2012	May 2013	2	145.500	Y		
1.1) TIS Ashore Procurements (JG030)		2014	Lockheed Martin / Denver, CO	WR	NSMA	Nov 2013	May 2014	2	145.500	Y		
Footnotes: ⁽¹⁾ Naval Systems Management Activity (NSMA)												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	518.916	32.778	35.732	15.703	-	15.703	29.009	13.476	18.497	19.294	72.202	755.607
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	518.916	32.778	35.732	15.703	-	15.703	29.009	13.476	18.497	19.294	72.202	755.607
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	518.916	32.778	35.732	15.703	-	15.703	29.009	13.476	18.497	19.294	72.202	755.607
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	0.702	0.713	0.415	-	0.415	0.923	0.874	0.764	0.778	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Naval Tactical Command Support System (NTCSS) is a multi-function program designed to provide standard tactical support information systems to various afloat and associated shore-based fleet activities. The mission is to provide the full range of responsive tactical support Automated Data Processing (ADP) hardware and software in support of the management of information, personnel, material and funds required to maintain and operate ships, submarines, and aircraft. NTCSS is to provide an efficient management of afloat tactical support data, through the use of standardized hardware and software, to meet the mission support information management requirements for force sustainment.

NTCSS incorporates the functionality of the Shipboard Non-Tactical ADP Program (SNAP) systems, the Naval Aviation Logistics Command Management Information System (NALCOMIS), and the Maintenance Resource Management System (MRMS).

SNAP is an automated information system that supports organizational level maintenance, supply, financial and administrative functions on afloat units, at Marine Aviation Logistics Squadrons (MALS) and at associated shore activities. SNAP improves equipment supportability and maintainability and thus readiness through: improvement in the accuracy of maintenance, supply, financial and related support data maintained and reported by the ship; and acceleration of management report preparation and data transmission. The scope of SNAP includes approximately 300 sites.

NALCOMIS is an automated, real time, interactive, management information system that provides a modern management tool for day-to-day management of aircraft maintenance at the organizational and intermediate levels. NALCOMIS automates management of the aviation repairables inventory, providing nose-to-tail tracking through the repair and operations cycles. The scope of NALCOMIS includes 66 aviation intermediate maintenance activities located afloat (CV/LHA/LHD/MALS), at Naval Air Stations (NAS), and approximately 326 Navy and Marine Squadrons.

MRMS is an automated information system that supports ship intermediate maintenance management of the Atlantic and Pacific Fleets. MRMS supports Type Commands, Group Commanders, Area Coordinators, Readiness Support Groups, Submarine Squadrons, Ship Repair Facilities, and various Intermediate Maintenance Activities, both afloat and ashore, for budgeting, planning, production and analysis of ship maintenance. MRMS improves ship readiness through improved maintenance and ship repair management, information resource management, and maintenance data processing. The scope of MRMS includes approximately 16 shipboard and 65 shore based intermediate and maintenance and planning activities.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment											P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s): DY005, Ship Set Equipment Upgrades procures afloat ruggedized, commercial-off-the-shelf (COTS) computing equipment, which includes servers to support the NTCSS application and database, personal computers (PCs) that will interface with the servers for maintenance and supply transactions, and printers to display output. COTS software, which includes the operating system, comes loaded on the servers and PCs. DY006, MALS/Shore Equipment Upgrades procures ashore ruggedized, COTS computing equipment, which includes servers to support the NTCSS application and database, PCs that will interface with the servers for maintenance and supply transactions, and printers to display output. COTS software, which includes the operating system, comes loaded on the servers and PCs.																				

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)	P3A				258.743			10.511			22.022			10.296			-			10.296
2 - 2611 Naval Tactical Command Support System MALS/Shore Equipment Upgrades (DY006)	P3A				260.173			22.267			13.710			5.407			-			5.407
Total Gross/Weapon System Cost					518.916			32.778			35.732			15.703			-			15.703

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)	P3A				13.184			5.530			10.777			11.318			29.887			372.268
2 - 2611 Naval Tactical Command Support System MALS/Shore Equipment Upgrades (DY006)	P3A				15.825			7.946			7.720			7.976			42.315			383.339
Total Gross/Weapon System Cost					29.009			13.476			18.497			19.294			72.202			755.607

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 Funding for FY14 procures: 1) NTCSS system upgrades for ships; 2) NTCSS system upgrades for Naval Air Stations (NAS), Squadrons, Shore Support Facilities, Fleet Training Centers, Marine Aviation Logistics Squadrons (MALS), Navy Expeditionary Combat Command sites, Special Warfare units, and Commander Naval Surface Forces; and 3) necessary production engineering and installation support.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
NTCSS-Optimized software will continue to be fielded at program-of-record (POR) afloat and ashore sites. Ship set and MALS/Shore equipment upgrades continue; hardware and software upgrades required for obsolescence avoidance.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)		
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades an				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	258.743	10.511	22.022	10.296	-	10.296	13.184	5.530	10.777	11.318	29.887	372.268
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	258.743	10.511	22.022	10.296	-	10.296	13.184	5.530	10.777	11.318	29.887	372.268
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	258.743	10.511	22.022	10.296	-	10.296	13.184	5.530	10.777	11.318	29.887	372.268
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Application subsystems include/financial/inventory management, organizational and surface maintenance management, and administrative information systems support. NTCSS procurements will also provide ship capabilities for displaying and storing Computer-aided Acquisition and Logistics Support (CALS) initiative information (digitized engineering drawings, automated technical manuals, etc.).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)					Modification Nomenclature (Modification Number - Modification Title): 1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)			
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades an				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)												
B Kits												
Recurring												
1.1.1) Equipment - NonOrganic ⁽¹⁾	522 / 135.629	19 / 3.327	57 / 9.233	50 / 4.202	- / -	50 / 4.202	65 / 5.703	44 / 2.567	88 / 4.873	92 / 5.144	195 / 13.270	1,132 / 183.948
Subtotal Recurring	522 / 135.629	19 / 3.327	57 / 9.233	50 / 4.202	- / -	50 / 4.202	65 / 5.703	44 / 2.567	88 / 4.873	92 / 5.144	195 / 13.270	1,132 / 183.948
Total, 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)	522 / 135.629	19 / 3.327	57 / 9.233	50 / 4.202	- / -	50 / 4.202	65 / 5.703	44 / 2.567	88 / 4.873	92 / 5.144	195 / 13.270	1,132 / 183.948
Total Procurement, All Modifications	522 / 135.629	19 / 3.327	57 / 9.233	50 / 4.202	- / -	50 / 4.202	65 / 5.703	44 / 2.567	88 / 4.873	92 / 5.144	195 / 13.270	1,132 / 183.948
Support												
2.1) Production Support	- / 12.713	- / 0.133	- / 0.449	- / 0.190	- / -	- / 0.190	- / 0.329	- / 0.140	- / 0.270	- / 0.286	- / 0.796	- / 15.306
2.2) DSA ⁽²⁾	- / 4.477	- / 0.140	- / 0.389	- / 0.171	- / -	- / 0.171	- / 0.252	- / 0.130	- / 0.248	- / 0.258	- / 0.682	- / 6.747
Total Support, All Modifications	17.190	0.273	0.838	0.361	-	0.361	0.581	0.270	0.518	0.544	1.478	22.053
Total Procurement and Support	152.819	3.600	10.071	4.563	-	4.563	6.284	2.837	5.391	5.688	14.748	206.001
2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005) Installation Cost	- / 105.924	- / 6.911	- / 11.951	- / 5.733	- / -	- / 5.733	- / 6.900	- / 2.693	- / 5.386	- / 5.630	- / 15.139	- / 166.267
Total Installation Cost	- / 105.924	- / 6.911	- / 11.951	- / 5.733	- / -	- / 5.733	- / 6.900	- / 2.693	- / 5.386	- / 5.630	- / 15.139	- / 166.267
Total Cost (Procurement + Support + Installation)	258.743	10.511	22.022	10.296	-	10.296	13.184	5.530	10.777	11.318	29.887	372.268

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)										Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)											
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades an										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)																															
Manufacturer Name: Spawar Systems Center Atlantic ⁽³⁾															Manufacturer Location: Charleston, SC																
Administrative Leadtime <i>(in Months)</i> : 1															Production Leadtime <i>(in Months)</i> : 2																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Nov 2011			Nov 2012			Nov 2013																							
Delivery Dates		Jan 2012			Jan 2013			Jan 2014																							
Installation: 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)										Method of Implementation: [none specified]										Installation Name: Equipment											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		522 / 105.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	522 / 105.924																		
FY 2012		- / -	19 / 6.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 6.911																		
FY 2013		- / -	- / -	57 / 11.951	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 11.951																		
FY 2014		- / -	- / -	- / -	50 / 5.733	- / -	50 / 5.733	- / -	- / -	- / -	- / -	- / -	50 / 5.733																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	65 / 6.900	- / -	- / -	- / -	- / -	65 / 6.900																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 2.693	- / -	- / -	- / -	44 / 2.693																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 5.386	- / -	- / -	88 / 5.386																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	92 / 5.630	- / -	92 / 5.630																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	195 / 15.139	195 / 15.139																		
Total		522 / 105.924	19 / 6.911	57 / 11.951	50 / 5.733	- / -	50 / 5.733	65 / 6.900	44 / 2.693	88 / 5.386	92 / 5.630	195 / 15.139	1,132 / 166.267																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	522	-	6	7	3	3	18	18	12	9	12	14	14	10	21	17	19	8	14	15	15	-	29	29	30	-	30	31	31	195	1,132
Out	522	-	6	7	3	3	18	18	12	9	12	14	14	10	21	17	19	8	14	15	15	-	29	29	30	-	30	31	31	195	1,132

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 2611 Naval Tactical Command Support System Ship Set Equipment Upgrades (DY005)
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades an	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Footnotes: (1) Between years, the composition of ships changes, i.e., one year may have more larger ships like CVs while another year may consist mainly of SSNs. As a result, the per unit costs are different. Moreover, different ships require different peripherals, which lead to per unit cost differences in that category. (2) NTCSS ship set upgrades provide hardware and software upgrades in accordance with the Chief of Naval Operations (CNO) availability for the NTCSS program-of-record (POR) afloat units. (3) SSC-LANT procures and integrates commercial-off-the-shelf hardware and software.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 2611 Naval Tactical Command Support System MAL/Share Equipment Upgrades (DY006)				
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades, a				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	260.173	22.267	13.710	5.407	-	5.407	15.825	7.946	7.720	7.976	42.315	383.339
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	260.173	22.267	13.710	5.407	-	5.407	15.825	7.946	7.720	7.976	42.315	383.339
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	260.173	22.267	13.710	5.407	-	5.407	15.825	7.946	7.720	7.976	42.315	383.339
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Application subsystems include/financial/inventory management, organizational and surface maintenance management, and administrative information systems support. NTCSS procurements will also provide ship/shore capabilities for displaying and storing Computer-aided Acquisition and Logistics Support (CALS) initiative information (digitized engineering drawings, automated technical manuals, etc.).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)				
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades, a				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)												
B Kits												
Recurring												
1.1.1) Equipment - NonOrganic ⁽⁴⁾	1,055 / 169.132	92 / 12.029	104 / 5.894	42 / 2.007	- / -	42 / 2.007	155 / 7.238	73 / 3.487	90 / 2.403	92 / 2.490	406 / 16.384	2,109 / 221.064
Subtotal Recurring	1,055 / 169.132	92 / 12.029	104 / 5.894	42 / 2.007	- / -	42 / 2.007	155 / 7.238	73 / 3.487	90 / 2.403	92 / 2.490	406 / 16.384	2,109 / 221.064
<i>Total, 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)</i>	1,055 / 169.132	92 / 12.029	104 / 5.894	42 / 2.007	- / -	42 / 2.007	155 / 7.238	73 / 3.487	90 / 2.403	92 / 2.490	406 / 16.384	2,109 / 221.064
Total Procurement, All Modifications	1,055 / 169.132	92 / 12.029	104 / 5.894	42 / 2.007	- / -	42 / 2.007	155 / 7.238	73 / 3.487	90 / 2.403	92 / 2.490	406 / 16.384	2,109 / 221.064
Support												
2.1) Production Support	- / 11.909	- / 0.631	- / 0.295	- / 0.091	- / -	- / 0.091	- / 0.418	- / 0.189	- / 0.133	- / 0.139	- / 0.983	- / 14.788
2.2) DSA	- / 1.690	- / 0.600	- / 0.480	- / 0.263	- / -	- / 0.263	- / 0.502	- / 0.263	- / 0.353	- / 0.368	- / 1.575	- / 6.094
Total Support, All Modifications	13.599	1.231	0.775	0.354	-	0.354	0.920	0.452	0.486	0.507	2.558	20.882
Total Procurement and Support	182.731	13.260	6.669	2.361	-	2.361	8.158	3.939	2.889	2.997	18.942	241.946
2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006) Installation Cost	- / 77.442	- / 9.007	- / 7.041	- / 3.046	- / -	- / 3.046	- / 7.667	- / 4.007	- / 4.831	- / 4.979	- / 23.373	- / 141.393
Total Installation Cost	- / 77.442	- / 9.007	- / 7.041	- / 3.046	- / -	- / 3.046	- / 7.667	- / 4.007	- / 4.831	- / 4.979	- / 23.373	- / 141.393
Total Cost (Procurement + Support + Installation)	260.173	22.267	13.710	5.407	-	5.407	15.825	7.946	7.720	7.976	42.315	383.339

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)										Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)											
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades, a										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)																															
Manufacturer Name: Spawar Systems Center Atlantic ⁽⁵⁾															Manufacturer Location: Charleston, SC																
Administrative Leadtime <i>(in Months)</i> : 1															Production Leadtime <i>(in Months)</i> : 2																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Nov 2011			Nov 2012			Nov 2013																							
Delivery Dates		Jan 2012			Jan 2013			Jan 2014																							
Installation: 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)										Method of Implementation: [none specified]										Installation Name: Equipment											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		1,055 / 77.442	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,055 / 77.442																		
FY 2012		- / -	92 / 9.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	92 / 9.007																		
FY 2013		- / -	- / -	104 / 7.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	104 / 7.041																		
FY 2014		- / -	- / -	- / -	42 / 3.046	- / -	42 / 3.046	- / -	- / -	- / -	- / -	- / -	42 / 3.046																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	155 / 7.667	- / -	- / -	- / -	- / -	155 / 7.667																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	73 / 4.007	- / -	- / -	- / -	73 / 4.007																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	90 / 4.831	- / -	- / -	90 / 4.831																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	92 / 4.979	- / -	92 / 4.979																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	406 / 23.373	406 / 23.373																		
Total		1,055 / 77.442	92 / 9.007	104 / 7.041	42 / 3.046	- / -	42 / 3.046	155 / 7.667	73 / 4.007	90 / 4.831	92 / 4.979	406 / 23.373	2,109 / 141.393																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1,055	-	30	31	31	-	34	35	35	-	14	14	14	-	51	52	52	-	24	24	25	-	30	30	30	-	30	31	31	406	2,109
Out	1,055	-	30	31	31	-	34	35	35	-	14	14	14	-	51	52	52	-	24	24	25	-	30	30	30	-	30	31	31	406	2,109

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2611 - Naval Tact Cmd Supt Sys (NTCSS)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 2611 Naval Tactical Command Support System MALs/Shore Equipment Upgrades (DY006)
Models of Systems Affected: Provides modern centrally-managed mission support Automatic Data Processing (ADP) system upgrades, a	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Footnotes: ⁽⁴⁾ Between years, the composition of shore site configurations changes, i.e., one year may have more larger sites like MALs/NAS while another year may consist mainly of Squadrons. As a result, the per unit costs are different. Moreover, different shore sites require different peripherals, which lead to per unit cost differences in that category. NTCSS shore upgrades provide hardware and software upgrades for the NTCSS program-of-record (POR) ashore units. ⁽⁵⁾ SSC-LANT procures and integrates commercial-off-the-shelf hardware and software.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements: 0205604N

MDAP/MAIS Code(s): 554

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	1.026	-	3.836	-	3.836	12.179	25.987	44.185	48.152	-	135.365
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	1.026	-	3.836	-	3.836	12.179	25.987	44.185	48.152	-	135.365
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	1.026	-	3.836	-	3.836	12.179	25.987	44.185	48.152	-	135.365
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	0.224	-	0.224	0.660	0.643	0.222	0.052	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Advanced Tactical Data Link Systems (ATDLS) funds the Time Division Multiple Access family of Link 16 terminals including the Multifunctional Information Distribution System - Low Volume Terminal, Joint Tactical Information Distribution System (JTIDS) and the Tactical Digital Information Link - Joint (TADIL-J) message standard databases resident in the Command & Control Processor (C2P)/ Common Data Link Management System (CDLMS). ATDLS funds the Next Generation C2P (NGC2P) Joint Range Extension (JRE) in support of Ballistic Missile Defense, C2P Technology Refresh, NGC2P upgrades to meet LHD combat system upgrades, Link Monitoring Management Tool (Formerly Air Defense System Integrator (ADSI)) Refresh, Link 16 terminal upgrades and other ATDLS integration.

Next Generation Command and Control Processor (NGC2P) Field Change Kit Ship/Shore (DR003): The NGC2P Field Change Kit upgrades existing C2P / CDLMS units on ship and shore sites to next generation open system hardware and software architecture. NGC2P provides a system capable of supporting critical data link functions including simultaneous processing of Link 11, Link 16 and JRE.

C2P Technology Refresh Kit Ship/Shore (DR003): C2P computer processing boards are obsolete and have antiquated software code with no industrial base support. Technology refresh of obsolete components is required for C2P software modernization. Additionally, C2P configuration is not shock qualified. Equipment upgrades are required to achieve 901D shock certification.

Next Generation Command and Control Processor (NGC2P) Amphibious Assault Ship (LHD) Upgrades (DR003): Changes to LHD 1-6 combat systems starting in FY13 will require NGC2P/CDLMS upgrades in order to maintain critical data link functions including simultaneous processing of Link 11, Link 16 and JRE.

Link 16 Upgrade Kits Ship/Shore (DR012) and Link 16 Ship Antennas (DR012): Link 16 terminals will be upgraded or replaced for all U.S. Navy surface platforms. Existing Link 16 Joint Tactical Information Distribution System terminals and Multifunctional Information Distribution System on Ship terminals will be implemented with Frequency Remapping and Crypto Modernization mandated upgrades. The product improvement will bring the Link 16 terminals in compliance with the Department of Defense / Department of Transportation Memorandum of Agreement (31DEC02) and updated National Security Agency approved cryptographic algorithms.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements: 0205604N

MDAP/MAIS Code(s): 554

Link Monitoring Management Tool (LMMT) Ship/Shore (DR014): LMMT (formerly ADSI) hardware and its associated operating systems (OS) are approaching end of life. Starting in FY2014, LMMT procures and installs commercial-off-the-shelf (COTS) hardware upgrades for carriers (CVN). The Multifunctional Information Distribution System Low Volume Terminal (MIDS-LVT) will also be procured and installed for the CVNs. MIDS-LVT provides Link 16 capability for multinational and joint service operations.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Adv Tact Data Link Sys (ATDLS)	P40A, P5A				0.000			1.026			-			3.836			-			3.836
Total Gross/Weapon System Cost					0.000			1.026			-			3.836			-			3.836

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)										Aggregated Item Name: Adv Tact Data Link Sys (ATDLS) ⁽¹⁾				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) DR003 NEXT GENERATION COMMAND CONTROL PROCESSOR (NGC2P) ⁽²⁾																				
1.1) C2P Technology Refresh Kit Ship	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) C2P Technology Refresh Kit Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) LHD Upgrade ⁽³⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Link 22 Ship	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Link 22 Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) DR003 NEXT GENERATION COMMAND CONTROL PROCESSOR (NGC2P)</i>					0.000			-			-			-			-			-
2) DR012 LINK 16 ⁽⁴⁾																				
† 2.1) Link 16 Upgrade Antenna	A		-	-	-	-	-	-	-	-	-	168.750	4	0.675	-	-	-	168.750	4	0.675
2.2) Link 16 JTIDS CM/ FR Ship ⁽⁵⁾	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Link 16 JTIDS CM/ FR Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Link 16 MOS CM/ FR Ship	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Link 16 MOS CM/ FR Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Link 16 MOS MOD Ship (CVN & CG)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.7) Link 16 MOS MOD Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) DR012 LINK 16</i>					0.000			-			-			0.675			-			0.675
3) DR014 LINK MONITORING MANAGEMENT TOOL (LMMT) ⁽⁶⁾																				
† 3.1) LMMT Ship (CVN) ⁽⁷⁾	A		-	-	-	-	-	-	-	-	-	800.000	2	1.600	-	-	-	800.000	2	1.600
3.2) LMMT Ship (L Class)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) LMMT Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) DR014 LINK MONITORING</i>					0.000			-			-			1.600			-			1.600

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)										Aggregated Item Name: Adv Tact Data Link Sys (ATDLS) ⁽¹⁾				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MANAGEMENT TOOL (LMMT)																				
4) DR555 PRODUCTION SUPPORT																				
4.1) C2P Technology Refresh Kit Ship Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) C2P Technology Refresh Kit Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) LHD Upgrade Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) Link 16 Upgrade Antenna Production Support	A		-	-	-	-	-	-	-	-	-	-	-	0.044	-	-	-	-	-	0.044
4.5) Link 16 JTIDS CM/ FR Ship Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) Link 16 JTIDS CM/ FR Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) Link 16 MOS CM/ FR Ship Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.8) Link 16 MOS CM/ FR Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.9) Link 16 MOS MOD Ship Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.10) Link 16 MOS MOD Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.11) LMMT Ship (CVN) Production Support	A		-	-	-	-	-	-	-	-	-	-	-	0.095	-	-	-	-	-	0.095
4.12) LMMT Ship (L Class) Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.13) LMMT Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.14) Link 22 Ship Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.15) Link 22 Shore Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) DR555 PRODUCTION SUPPORT					0.000			-			-			0.139			-			0.139

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)						Aggregated Item Name: Adv Tact Data Link Sys (ATDLS) ⁽¹⁾						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5) DR776 NON-FMP																				
5.1) C2P Technology Refresh Kit Shore Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) C2P Technology Refresh Kit Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) Link 16 JTIDS CM/ FR Shore Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) Link 16 JTIDS CM/ FR Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) Link 16 MOS CM/ FR Shore Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.6) Link 16 MOS CM/ FR Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.7) Link 16 MOS MOD Shore Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.8) Link 16 MOS MOD Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.9) Link 22 Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.10) LMMT Shore Design	A		-	-	-	-	-	-	-	-	-	-	-	0.085	-	-	-	-	-	0.085
5.11) LMMT Shore Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) DR776 NON-FMP					0.000			-			-			0.085			-			0.085
6) DR777 FMP																				
6.1) NGC2P FCK Design	A		-	-	-	-	-	0.259	-	-	-	-	-	0.061	-	-	-	-	-	0.061
† 6.2) NGC2P FCK Install ⁽⁸⁾	A		-	-	-	-	-	0.767	-	-	-	250.000	3	0.750	-	-	-	250.000	3	0.750
6.3) C2P Technology Refresh Kit Ship Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) C2P Technology Refresh Kit Ship Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) LHD Upgrade Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.6) LHD Upgrade Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.7) Link 16 JTIDS CM/ FR Ship Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.8) Link 16 JTIDS CM/ FR Ship Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)								Aggregated Item Name: Adv Tact Data Link Sys (ATDLS) ⁽¹⁾						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.9) Link 16 MOS CM/FR Ship Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.10) Link 16 MOS CM/FR Ship Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.11) Link 16 MOS MOD Ship Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.12) Link 16 MOS MOD Ship Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.13) Link 16 Upgrade Antenna Design	A		-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
† 6.14) Link 16 Upgrade Antenna Install	A		-	-	-	-	-	-	-	-	-	191.000	1	0.191	-	-	-	191.000	1	0.191
6.15) Link 22 Ship Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.16) Link 22 Ship Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.17) LMMT Ship (CVN) Design	A		-	-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
6.18) LMMT Ship (CVN) Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.19) LMMT Ship (L Class) Design	A		-	-	-	-	-	-	-	-	-	-	-	0.085	-	-	-	-	-	0.085
6.20) LMMT Ship (L Class) Install	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) DR777 FMP					0.000			1.026			-			1.337			-			1.337
Total					0.000			1.026			-			3.836			-			3.836
Footnotes: (1) BLI 2614 procures data link components (e.g. circuit cards, routers, antennas, shock mounts, etc.) to replace obsolete ones. There is integration and testing of these components of 3-6 months which causes some procurements to be installed in the following fiscal year. (2) All hardware costs associated with NGC2P. (3) C2P computer processing boards are obsolete and have antiquated software code with no industrial base support. Technology refresh of obsolete components is required for C2P software modernization. FY16 NGC2P LHD Upgrade procurement requires only CDLMS field changes to add Adjunct Processor, CSDTS, external cables, connectors and CDLMS software upgrades. (4) All hardware and installation cost associated with Link 16 terminals. Includes one shore trainer site. (5) Link 16 terminals will be upgraded or replaced for all U.S. Navy surface platforms. Existing Link 16 Joint Tactical Information Distribution System terminals and Multifunctional Information Distribution System on Ship terminals will be implemented with Frequency Remapping and Crypto Modernization mandated upgrades. The product improvement will bring the Link 16 terminals in compliance with the Department of Defense / Department of Transportation Memorandum of Agreement (31DEC02) and updated National Security Agency approved cryptographic algorithms. (6) All hardware costs associated with LMMT. (7) FY14 Procurement based on 12-month lead time of MIDS-LVT, which is required for a complete end item of LMMT only on CVN. (8) There are 3 remaining ships that require FCKs. BLI 2614 had no FY13 funding for their installs. FY14 dollars are required to complete the pier-side installs for these 3 ships.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment			P-1 Line Item Nomenclature: 2614 - Adv Tact Data Link Sys (ATDLS)						Aggregated Item Name: Adv Tact Data Link Sys (ATDLS) ⁽¹⁾			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K.)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) DR012 LINK 16												
2.1) Link 16 Upgrade Antenna		2014	Naval Surface Warfare Center Dahlgren / Dahlgren, Va	WR	Dahlgren	Oct 2013	Mar 2014	4	168.750	Y		Jun 2013
3) DR014 LINK MONITORING MANAGEMENT TOOL (LMMT)												
3.1) LMMT Ship (CVN)		2014	SPAWAR Pacific / San Diego	C / TBD	SPAWAR	Apr 2014	Apr 2015	2	800.000	N	Dec 2013	Oct 2013
6) DR777 FMP												
6.2) NGC2P FCK Install		2014	Northrop Grumman / San Diego	C / TBD	SPAWAR	Oct 2013	Oct 2013	3	250.000	N		
6.14) Link 16 Upgrade Antenna Install		2014	Naval Surface Warfare Center Dahlgren / Dahlgren, Va	WR	Dahlgren	Nov 2013	Apr 2014	1	191.000	N	Jun 2013	Jun 2013

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)					
ID Code (A=Service Ready, B=Not Service Ready) : B				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5.408	7.896	9.533	7.201	-	7.201	7.668	4.957	3.635	4.245	4.873	55.416
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	5.408	7.896	9.533	7.201	-	7.201	7.668	4.957	3.635	4.245	4.873	55.416
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	5.408	7.896	9.533	7.201	-	7.201	7.668	4.957	3.635	4.245	4.873	55.416
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.324	0.539	0.113	-	0.113	0.109	0.082	0.062	0.064	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
Funding includes Global Command and Control System-Maritime (GCCS-M), the Navy fielded portions of GCCS-Joint, Joint Automated Deep Operations Coordination System (JADOCS), and Theater Battle Management Core System (TBMCS). GCCS-M is further delineated by Afloat and Ashore.

GCCS-M is the Maritime implementation of the United States (U.S.) Global Command and Control System (GCCS). It provides Maritime Commanders at all echelons of command with a single, integrated, scalable Command, Control, Communication, Computers and Intelligence (C4I) system that fuses, correlates, filters, maintains and displays location, and attribute information on friendly, hostile and neutral land, sea and air forces. It takes this information and integrates it with available intelligence and environmental information, to support command decision making. It operates in near real-time, constantly updating unit positions and other situational awareness data. GCCS-M also records data in appropriate databases and maintains a history of changes to those records. System operators use the data to construct relevant tactical pictures using maps, charts, topography overlays, oceanographic overlays, meteorological overlays, imagery and all-source intelligence information coordinated into a Common Operational Picture (COP) that can be shared locally and with other sites. GCCS-M is not a weapon system, but receives data from, and interfaces with Navy integrated weapons systems. Navy Commanders review and evaluate the general tactical situation, plan actions and operations, direct forces, synchronize tactical movements, and integrate force maneuver with firepower. GCCS-M operates on General Service (GENSER) Secret networks in a variety of environments and supports joint, coalition and allied forces. GCCS-M is implemented Afloat and at Ashore fixed command centers. Increment 1 includes all GCCS-M software versions 4.0 and earlier. Increment 2 is GCCS-M 4.1.

[P3A / FA010 GCCS-M Afloat]: GCCS-M Afloat provides Command and Control capability to 20 Force Level Ships (e.g., CVN class Carriers, LCC class Command Ships, LHA and LHD class Amphibious Ships), 138 Unit Level Ships (e.g., CG class Cruisers, DDG Destroyers, FFG class Frigates, MCM Mine Countermeasure Ships, LPD/LSD class Amphibious Ships, LCS Littoral Combat Ships, PC Coastal Patrol Ships), 72 Submarines (e.g., SSN/SSBN/GN class Submarines), the Software Support Activity (SSA), and the In-Service Engineering Activity (ISEA).

Provide the fielding of upgraded JADOCS hardware and related software. JADOCS is required to provide the capability to coordinate joint targeting and mission assignment for time sensitive targets and other rapid-response missions across Functional Component Commanders, Joint and Combined Force Commanders, the Geographic Combatant Commands, and Special Operations Command.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s):																			
[P40A / FA020 GCCS-M Ashore]: GCCS-M Ashore provides evolutionary systems and ancillary equipment upgrades to support Chief of Naval Operations, Combatant Commanders, Unified Commander, Fleet Commanders, Type Commanders, Force Anti-Submarine Warfare Commanders, Submarine Operating Authorities, and Tactical Training Equipment Sites worldwide. GCCS-M Ashore provides systems that receive, process, display, maintain and/or assess unit characteristics, employment scheduling, material condition, combat readiness, war fighting capabilities, and positional information of own, allied, and hostile forces. GCCS-M Ashore provides the tools necessary for Fleet and Shore based commanders to execute plans, transmit tasking, and provide tactical information to subordinate forces. [P40A / FA040 GCCS (Joint) Support Equipment]: Global Command and Control System- Joint (GCCS-J) is a Department of Defense (DoD) Program of Record managed by the Defense Information Systems Agency (DISA). The GCCS-J system requirements, software release schedule, and system fielding plan are determined by DISA in coordination with the Joint Staff. GCCS-J supports the Joint Staff and Combatant Commanders by providing Command, Control, Communication, Computers and Intelligence (C4I) data processing capabilities, including status of forces and support requirements for use in national security decision making, force preparation and operational planning and execution. [P40A / FA060 JADOCS]: Provide funding for the fielding of upgraded JADOCS hardware and related software. JADOCS is required to provide the capability to coordinate joint targeting and mission assignment for time sensitive targets and other rapid-response missions across Functional Component Commanders, Joint and Combined Force Commanders, the Geographic Combatant Commands, and Special Operations Command.																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Navy Command and Control System (NCCS)	P40A, P5A				3.705			1.958			3.074			3.036			-			3.036
1 - FA010/FA777 GCCS-M Afloat	P3A				1.703			5.938			6.459			4.165			-			4.165
Total Gross/Weapon System Cost					5.408			7.896			9.533			7.201			-			7.201

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Navy Command and Control System (NCCS)	P40A, P5A				-			-			-			-			-			-
1 - FA010/FA777 GCCS-M Afloat	P3A				5.222			3.428			2.206			2.136			4.873			36.130
Total Gross/Weapon System Cost					7.668			4.957			3.635			4.245			4.873			55.416

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): The FY14 budget procures GCCS-J and GCCS-M Ashore workstations, servers, Local Area Network (LAN) hardware and software, communications equipment and Global Command and Control System - Maritime (GCCS-M) initial software licenses.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)								Aggregated Item Name: Navy Command and Control System (NCCS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
1) FA020 GCCS-M Ashore (1)																					
† 1.1) GCCS-M Increment 2 Ashore (2)	A		260.500	2	0.521	-	-	-	416.000	2	0.832	474.000	2	0.948	-	-	-	474.000	2	0.948	
Subtotal 1) FA020 GCCS-M Ashore					0.521			-			0.832			0.948			-			0.948	
2) FA040 GCCS (Joint) Support Equipment																					
† 2.1) GCCS (Joint) Support Equipment (3)	A		198.444	9	1.786	173.143	7	1.212	131.333	6	0.788	174.000	4	0.696	-	-	-	174.000	4	0.696	
Subtotal 2) FA040 GCCS (Joint) Support Equipment					1.786			1.212			0.788			0.696			-			0.696	
3) FA060 JADOCS																					
† 3.1) JADOCS - Full	B		-	-	-	-	-	-	-	-	-	20.800	5	0.104	-	-	-	20.800	5	0.104	
† 3.2) JADOCS - Lite	B		-	-	-	-	-	-	-	-	-	3.333	9	0.030	-	-	-	3.333	9	0.030	
Subtotal 3) FA060 JADOCS					-			-			-			0.134			-			0.134	
4) FA666 Training Curriculum																					
4.1) GCCS-M Increment 2 Ashore Training Curriculum	A		-	-	-	-	-	-	-	-	0.527	-	-	-	-	-	-	-	-	-	
Subtotal 4) FA666 Training Curriculum					-			-			0.527			-			-			-	
5) FA555 Production Support																					
5.1) GCCS (Joint) Production Engineering Support	A		-	-	-	-	-	0.052	-	-	0.039	-	-	0.035	-	-	-	-	-	0.035	
5.2) GCCS-M Increment 2 Ashore Production Support	A		-	-	-	-	-	-	-	-	0.024	-	-	0.061	-	-	-	-	-	0.061	
5.3) JADOCS Production Support	B		-	-	-	-	-	-	-	-	-	-	-	0.062	-	-	-	-	-	0.062	
Subtotal 5) FA555 Production Support					-			0.052			0.063			0.158			-			0.158	
6) FA776 Non FMP (4)																					
6.1) GCCS-M Increment 2 Ashore	A		-	-	0.200	-	-	-	-	-	0.168	-	-	0.201	-	-	-	-	-	0.201	
6.2) GCCS-M Ashore Pre-Installation Design	A		-	-	-	-	-	-	-	-	0.140	-	-	0.140	-	-	-	-	-	0.140	
6.3) GCCS (Joint) Support Equipment	A		-	-	1.048	-	-	0.588	-	-	0.425	-	-	0.372	-	-	-	-	-	0.372	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)							Aggregated Item Name: Navy Command and Control System (NCCS)						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.4) GCCS-J Pre-Installation Design	A		-	-	0.150	-	-	0.106	-	-	0.131	-	-	0.162	-	-	-	-	-	0.162
6.5) JADOCs Installation	B		-	-	-	-	-	-	-	-	-	-	-	0.225	-	-	-	-	-	0.225
Subtotal 6) FA776 Non FMP					1.398			0.694			0.864			1.100			-			1.100
Total					3.705			1.958			3.074			3.036			-			3.036

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)								Aggregated Item Name: Navy Command and Control System (NCCS)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) FA020 GCCS-M Ashore (1)																				
† 1.1) GCCS-M Increment 2 Ashore (2)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) FA020 GCCS-M Ashore					-			-			-			-			-			-
2) FA040 GCCS (Joint) Support Equipment																				
† 2.1) GCCS (Joint) Support Equipment (3)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) FA040 GCCS (Joint) Support Equipment					-			-			-			-			-			-
3) FA060 JADOCS																				
† 3.1) JADOCS - Full	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) JADOCS - Lite	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) FA060 JADOCS					-			-			-			-			-			-
4) FA666 Training Curriculum																				
4.1) GCCS-M Increment 2 Ashore Training Curriculum	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) FA666 Training Curriculum					-			-			-			-			-			-
5) FA555 Production Support																				
5.1) GCCS (Joint) Production Engineering Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) GCCS-M Increment 2 Ashore Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) JADOCS Production Support	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) FA555 Production Support					-			-			-			-			-			-
6) FA776 Non FMP (4)																				
6.1) GCCS-M Increment 2 Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) GCCS-M Ashore Pre-Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) GCCS (Joint) Support Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)										Aggregated Item Name: Navy Command and Control System (NCCS)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.4) GCCS-J Pre-Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) JADOCs Installation	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) FA776 Non FMP					-			-			-			-			-			-
Total					-			-			-			-			-			-

Footnotes:

- (1) Unit costs are based on the average cost of all the platforms or sites installed within a given fiscal year. Unit cost variances are due to the diverse types of upgrade requirements per platform or site.
- (2) Unit costs are based on the average cost of all the platforms or sites installed within a given fiscal year. Unit cost variances are due to the diverse types of upgrade requirements per platform or site.
- (3) Quantities represent the number of complete unit upgrades to existing systems. The cost to upgrade each unit varies based on the number of servers, computers, and monitors and the equipment configurations. The different unit sizes and configurations result in varying unit costs.
- (4) FMP is Fleet Modernization Program.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)				Aggregated Item Name: Navy Command and Control System (NCCS)				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) FA020 GCCS-M Ashore												
1.1) GCCS-M Increment 2 Ashore		2013	SSC Atlantic/ Pacific / SPAWAR	WR	SPAWAR	Nov 2012	Feb 2013	2	416.000	Y		
1.1) GCCS-M Increment 2 Ashore		2014	SSC Atlantic/ Pacific / SPAWAR	WR	SPAWAR	Nov 2013	Feb 2014	2	474.000	Y		
2) FA040 GCCS (Joint) Support Equipment												
2.1) GCCS (Joint) Support Equipment		2012	SSC Atlantic/ Pacific / SPAWAR	WR	SPAWAR	Nov 2011	Jan 2012	7	173.143	Y		
2.1) GCCS (Joint) Support Equipment		2013	SSC Atlantic/ Pacific / SPAWAR	WR	SPAWAR	Nov 2012	Jan 2013	6	131.333	Y		
2.1) GCCS (Joint) Support Equipment		2014	SSC Atlantic/ Pacific / SPAWAR	WR	SPAWAR	Nov 2013	Jan 2014	4	174.000	Y		
3) FA060 JADOCS												
3.1) JADOCS - Full		2014	SSC PAC / San Diego, CA	WR	San Diego, CA	Nov 2013	Jan 2014	5	20.800	Y		Oct 2013
3.2) JADOCS - Lite		2014	SSC PAC / San Diego, CA	WR	San Diego, CA	Nov 2013	Jan 2014	9	3.333	Y		Oct 2013

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment			P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)					Modification Nomenclature (Modification Number - Modification Title): 1 - FA010/FA777 GCCS-M Afloat				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604231N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.703	5.938	6.459	4.165	-	4.165	5.222	3.428	2.206	2.136	4.873	36.130
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.703	5.938	6.459	4.165	-	4.165	5.222	3.428	2.206	2.136	4.873	36.130
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.703	5.938	6.459	4.165	-	4.165	5.222	3.428	2.206	2.136	4.873	36.130
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
GCCS-M provides Maritime Commanders at all echelons of command with a single, integrated, scalable C4I system that fuses, correlates, filters, maintains and displays location, and attribute information on friendly, hostile and neutral land, sea and air forces. It takes this information and integrates it with available intelligence and environmental information, to support command decision making. It operates in near real-time, constantly updating unit positions and other situational awareness data. GCCS-M also records data in appropriate databases and maintains a history of changes to those records. System operators use the data to construct relevant tactical pictures using maps, charts, topography overlays, oceanographic overlays, meteorological overlays, imagery and all-source intelligence information coordinated into a Common Operational Picture (COP) that can be shared locally and with other sites. GCCS-M is not a weapon system, but receives data from, and interfaces with Navy integrated weapons systems. Navy Commanders review and evaluate the general tactical situation, plan actions and operations, direct forces, synchronize tactical movements, and integrate force maneuver with firepower.												
GCCS-M Increment 1 Afloat Unit level provide software / hardware for DDG, CG, LCS, LPD, LSD, PC, MCM, SSN, SSBN, SSGN and FFG Classes. Increment 1 can deliver a software / hardware solution or a software-only solution. It GCCS-M Increment 2 Afloat Unit Level is the final version of GCCS-M for DDG, CG, LCS, LPD, LSD, PC, MCM, SSN, SSBN, SSGN and FFG Classes. Increment 2 delivers a software-only solution.												
GCCS-M Increment 1 Afloat Force Level provide software / hardware for CVN, LHA, LHD, and LCC classes. Increment 1 can deliver a software / hardware solution or a software-only solution.												
GCCS-M Increment 2 Afloat Force Level is the final version of GCCS-M for CVN, LHA, LHD, and LCC classes. Increment 2 delivers a software-only solution.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)					Modification Nomenclature (Modification Number - Modification Title): 1 - FA010/FA777 GCCS-M Afloat				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604231N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
FA010/FA777 GCCS-M Afloat													
B Kits													
Recurring													
1.1) GCCS-M Increment 1 Afloat Unit Level - NonOrganic ⁽⁵⁾	- / -	18 / 1.980	40 / 2.985	2 / 0.002	- / -	2 / 0.002	3 / 0.004	- / -	- / -	- / -	- / -	63 / 4.971	
1.2) GCCS-M Increment 2 Afloat Unit Level - NonOrganic ⁽⁶⁾	- / -	- / -	- / -	28 / 0.039	- / -	28 / 0.039	25 / 0.033	24 / 0.027	24 / 0.011	19 / 0.023	13 / 0.097	133 / 0.230	
1.4) GCCS-M Increment 2 Afloat Force Level - NonOrganic ⁽⁷⁾	- / -	4 / 1.600	3 / 1.200	4 / 0.560	- / -	4 / 0.560	5 / 0.751	3 / 0.301	3 / 0.455	- / -	- / -	22 / 4.867	
Subtotal Recurring	- / -	22 / 3.580	43 / 4.185	34 / 0.601	- / -	34 / 0.601	33 / 0.788	27 / 0.328	27 / 0.466	19 / 0.023	13 / 0.097	218 / 10.068	
Total, FA010/FA777 GCCS-M Afloat	- / -	22 / 3.580	43 / 4.185	34 / 0.601	- / -	34 / 0.601	33 / 0.788	27 / 0.328	27 / 0.466	19 / 0.023	13 / 0.097	218 / 10.068	
Total Procurement, All Modifications	- / -	22 / 3.580	43 / 4.185	34 / 0.601	- / -	34 / 0.601	33 / 0.788	27 / 0.328	27 / 0.466	19 / 0.023	13 / 0.097	218 / 10.068	
Total Procurement and Support	-	3.580	4.185	0.601	-	0.601	0.788	0.328	0.466	0.023	0.097	10.068	
FA010/FA777 GCCS-M Afloat Installation Cost	- / 1.703	- / 2.358	- / 2.274	- / 3.564	- / -	- / 3.564	- / 4.434	- / 3.100	- / 1.740	- / 2.113	- / 4.776	- / 26.062	
Total Installation Cost	- / 1.703	- / 2.358	- / 2.274	- / 3.564	- / -	- / 3.564	- / 4.434	- / 3.100	- / 1.740	- / 2.113	- / 4.776	- / 26.062	
Total Cost (Procurement + Support + Installation)	1.703	5.938	6.459	4.165	-	4.165	5.222	3.428	2.206	2.136	4.873	36.130	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - FA010/FA777 GCCS-M Afloat											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604231N																					
Manufacturer Information: FA010/FA777 GCCS-M Afloat																															
Manufacturer Name: SSC Atlantic/Pacific ⁽⁸⁾														Manufacturer Location: SPAWAR																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 2																	
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates					Nov 2012			Nov 2013																							
Delivery Dates					Jan 2013			Jan 2014																							
Installation: FA010/FA777 GCCS-M Afloat										Method of Implementation: [none specified]										Installation Name: GCCS-M Increment 1 Afloat Unit Level											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		0 / 1.703	18 / 1.318		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 3.021								
FY 2013		- / -	- / -		40 / 1.648		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		40 / 1.648								
FY 2014		- / -	- / -		- / -		2 / 0.183		- / -		2 / 0.183		- / -		- / -		- / -		- / -		- / -		2 / 0.183								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		3 / 0.291		- / -		- / -		- / -		- / -		3 / 0.291								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		0 / 1.703	18 / 1.318		40 / 1.648		2 / 0.183		- / -		2 / 0.183		3 / 0.291		- / -		- / -		- / -		- / -		63 / 5.143								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	8	5	3	2	17	8	9	6	-	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	63
Out	-	-	8	5	3	2	17	8	9	6	-	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	63

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)		Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - FA010/FA777 GCCS-M Afloat	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]		Related RDT&E PEs: 0604231N	

Installation: FA010/FA777 GCCS-M Afloat				Method of Implementation: [none specified]				Installation Name: GCCS-M Increment 2 Afloat Unit Level				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	28 / 2.381	- / -	28 / 2.381	- / -	- / -	- / -	- / -	- / -	28 / 2.381
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	25 / 2.805	- / -	- / -	- / -	- / -	25 / 2.805
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.380	- / -	- / -	- / -	24 / 2.380
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.960	- / -	- / -	24 / 0.960
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 2.113	- / -	19 / 2.113
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 4.776	13 / 4.776
Total	- / -	- / -	- / -	28 / 2.381	- / -	28 / 2.381	25 / 2.805	24 / 2.380	24 / 0.960	19 / 2.113	13 / 4.776	133 / 15.415

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	14	6	4	4	7	3	9	6	8	8	8	-	8	8	8	-	6	6	7	13	133
Out	-	-	-	-	-	-	-	-	-	-	14	6	4	4	7	3	9	6	8	8	8	-	8	8	8	-	6	6	7	13	133

Installation: FA010/FA777 GCCS-M Afloat				Method of Implementation: [none specified]				Installation Name: GCCS-M Increment 2 Afloat Force Level				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	4 / 1.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.040
FY 2013	- / -	- / -	3 / 0.626	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.626
FY 2014	- / -	- / -	- / -	4 / 1.000	- / -	4 / 1.000	- / -	- / -	- / -	- / -	- / -	4 / 1.000
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.338	- / -	- / -	- / -	- / -	5 / 1.338
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.720	- / -	- / -	- / -	3 / 0.720
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.780	- / -	- / -	3 / 0.780
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2618 - Navy Command and Control System (NCCS)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - FA010/FA777 GCCS-M Afloat											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604231N											
Installation: FA010/FA777 GCCS-M Afloat										Method of Implementation: [none specified]										Installation Name: GCCS-M Increment 2 Afloat Force Level											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Total		- / -		4 / 1.040		3 / 0.626		4 / 1.000		- / -		4 / 1.000		5 / 1.338		3 / 0.720		3 / 0.780		- / -		- / -		22 / 5.504							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	1	-	3	-	1	1	1	-	-	2	1	1	1	3	-	1	1	1	1	-	2	-	1	-	-	-	-	-	22
Out	-	-	1	-	3	-	1	1	1	-	-	2	1	1	1	3	-	1	1	1	1	-	2	-	1	-	-	-	-	-	22
Footnotes: (5) GCCS-M Increment 1 Afloat Unit Level: - Quantities refer to Unit Level ships and submarines. GCCS-M inventory objective includes 138 Unit Level ships in the Fleet and 72 submarines. GCCS-M Afloat Unit level install quantities also include refresh units. - Units installed are for software-only that was developed with Research, Development, Test & Evaluation, Navy (RDTEN). Other Procurement, Navy (OPN) is the appropriate fund source when the GCCS-M installation is an incidental cost to the Common Computing Environment (CCE)/CANES hardware installation. - Unit Level encompasses both Unit Level and Group Level procurement / installations. - Unit costs are based on the average cost of all the platforms or sites installed within a given fiscal year. Unit cost variances are due to the diverse types of upgrade requirements per platform or site. - First quarter afloat installations are budgeted for with prior year funds. (6) GCCS-M Increment 2 Afloat Unit Level: - Quantities refer to Unit Level ships and submarines. GCCS-M inventory objective includes 138 Unit Level ships in the Fleet and 72 submarines. GCCS-M Afloat Unit level install quantities also include refresh units. - Unit Level encompasses both Unit Level and Group Level procurement / installations. - Unit costs are based on the average cost of all the platforms or sites installed within a given fiscal year. Unit cost variances are due to the diverse types of upgrade requirements per platform or site. - First quarter afloat installations are budgeted for with prior year funds. (7) GCCS-M Increment 2 Afloat Force Level: - Quantities refer to Force Level ships. GCCS-M inventory objective includes 20 Force Level ships in the Fleet. GCCS-M Afloat Force level install quantities also include refresh units. - Units installed are software-only installations (the software was developed with Research, Development, Test & Evaluation, Navy). - Unit costs are based on the average cost of all the platforms or sites installed within a given fiscal year. Unit cost variances are due to the diverse types of upgrade requirements per platform or site. - First quarter afloat installations are budgeted for with prior year funds. (8) Space & Naval Warfare Systems Command Systems Center (SPAWARSYSCEN), Pacific and Atlantic are procuring and integrating agents. There are multiple hardware and software contracts awarded under each cost code.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	433.692	33.221	60.111	54.400	-	54.400	46.423	64.222	60.359	64.705	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	433.692	33.221	60.111	54.400	-	54.400	46.423	64.222	60.359	64.705	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	433.692	33.221	60.111	54.400	-	54.400	46.423	64.222	60.359	64.705	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	0.228	0.135	0.279	-	0.279	0.540	0.760	1.491	1.050	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provide systems, subsystems, and engineering change kits for minehunting, navigation, and tactical display operations by the surface Mine Countermeasure (MCM) force. Engineering change kits improve reliability and maintainability and correct deficiencies to allow equipment to perform in accordance with operational requirements.

[P40A / LV064 - REMOTE MINEHUNTING SYSTEM (RMS)]: The AN/WLD-1(V)1 Remote Minehunting System (RMS) is a mine reconnaissance system designed for the detection, classification, identification, and localization of bottom and moored targets in shallow and deep water. RMS is a fully integrated system consisting of a semi-submersible Remote Multi-Mission Vehicle (RMMV) carrying a towed variable depth sensor. Line-Of-Sight (LOS) and Over-The-Horizon (OTH) telemetry provides vehicle Command and Control and mine reconnaissance sensor data transmission to/from a system aboard a Navy ship. RMS will provide the Navy the capability to keep ships and sailors out of the minefield.

[P40A / LV073 - MCM/MHC INTEGRATED SHIP CONTROL SYSTEM]: This program funds software integration and hardware upgrades to the MCM-1 class ships' ISCS. Ship Change upgrades computer workstations, replaces network switches, and replaces the operating system.

[P40A / LV075 - MCM COMBAT SYSTEMS UPGRADES]: The MCM Combat System Upgrades program consists of a series of incremental upgrades to the current combat system via Engineering Change Kits. The upgrades improve reliability and maintainability and correct deficiencies to allow the equipment to perform in accordance with operational requirements. The current planned upgrades include:

- Acoustic Sweep Replacement - replace the TB-26 and TB-27 with the Advanced Acoustic Generator/Infrasonic Advanced Acoustic Generator (AAG/IAAG) TB-30/TB-31 to solve obsolescence problems, reduce aft deck weight and improve performance.
- AN/SQQ-32 Sonar Data Recorder - upgrade the minehunting sonar on MCM ships, which will provide the capability to record, playback, display, detect and classify data for sonar contact recognition training.
- MCM Communication Upgrade - upgrade and modernization of the communications systems for MCM ships.
- Supportability Engineering Changes - upgrade and modernization of the combat systems upgrade to reduce emergent obsolescence and supportability issues such as OK520 Hydraulic Power Unit (HPU), SQQ-32 touch panel, SLQ-48 Power Distribution Unit (PDU), and upgrade C2 system to bring ECDISN and resolve obsolescence issues and provide a standard Mine Countermeasure Navigation Command and Control (NAVCC) upgrade.
- Mine Neutralization System (MNS) is a replacement to the existing AN/SLQ-48 Mine Neutralization System. The current program replaces the AN/SLQ-48 with MNS on the 14 MCM Avenger Class Ships.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): - MEDAL Expeditionary Systems - Installation of MEDAL onboard MCM Ships. May include installation to upgrade GCCS-M B.x to 4.x hardware on MCM 1-4 and 15 Chief, MEDAL EA mobile servers (expeditionary) installation on afloat units including MCM 1-15 and LCS. - Global Command and Control System Maritime (GCCS-M) - Installation of GCCS-M onboard MCM Ships. - Battle Space Profiler (BSP) - Consists of improvements to MCM Ships' sonar which provide a current profile, a Hydro-Optics package, and a Bottom Sediment Classifier. [P40A / LV078 - AN/SQQ-30(V)4 HFWB]: AN/SQQ-32(V)4 High Frequency Wide Band is a technology upgrade to the SQQ-32 Towed Body which will incorporate HFWB technology into the detection sonar to address performance deficiencies against new mine threats in the littorals. This upgrade will be installed on MCM-1 Class ships with the SQQ-32(V)3 and will have new transducer modules, fiber optic cable and modified topside processing and display software. [P40A / LV080 - UNMANNED SURFACE SWEEP SYSTEM (US3)]: Unmanned Surface Sweep System (US3) (LV080): This line item procures the training units to support the US3 operational units procured for the Littoral Combat Ship Mission Modules. US3 consists of a power supply, control unit, winch, acoustic generator, magnetic tow cable, deploy and retrieve subsystem. Unmanned Surface Vehicle Flight 1 (USV) combines the US3 with a USV which creates the Unmanned Influence Sweep System (UISS) onboard the Littoral Combat Ship (LCS) class of ships. US3 will provide long endurance and wide area magnetic and acoustic mine sweep capability. [P40A / LV081 - BOW THRUSTER IMPROVEMENT]: This program replaces the hydraulic actuator with an electromagnetic actuator designed to eliminate inherent problems with MCM class ships Bow Thruster. [P40A / LV082 - AFT DECK EQUIPMENT UPGRADE]: This program will install an inverter electric motor on the magnetic cable reel, acoustic cable reel, minesweeping winch and self contained hydraulic power unit on the stern crane.* *Note: Aft Deck equipment upgrade is a high priority of the MCM Task Force and MCM Operational Advisory Group. [P40A / LV083 - AIMS]: This program provides both CONUS and Forward-Area signature measurement capabilities for mine susceptibility assessments, calibrates the ship's degaussing systems, effectiveness of acoustic quiet bills, database archiving and data analysis of Class-wide signatures. [P40A / LV084 - 400HZ]: The 400Hz Motor Generator (MG) sets currently onboard the MCMs are mechanically unreliable. Funding will replace the existing 400 Hz MG sets with Static Frequency Converters (SFCs) to eliminate inherent problems with existing systems. [P40A / LV085 - MAGNETIC SILENCING FACILITY UPGRADES]: This program is for hardware, auxiliary systems and support in association with the upgrade of the current aging CONUS and OCONUS Magnetic Silencing Facilities (MSF) so the calibration of the new Open-Loop Magnetic Systems or Advanced Degaussing System (ADS) ships and submarines can be accomplished for worldwide operation. The upgrade will also ensure that the ships/submarines will be able to meet OPNAV 8950.2G signature requirements and will be less susceptible to Electro-Magnetic threat systems. [P40A / PNNCM - MINE COUNTERMEASURES MAP SYSTEM]: Additional high-speed, high resolution sidescan sonar systems that provide deeper tows, longer range, and higher resolution than existing systems are required to meet Fleet requirements supporting Mine Warfare (MIW) operations. The procurement will facilitate collection of high resolution imagery at MIW resolutions and acoustic frequencies. The imagery data is required to generate products that directly support mine warfare. This environmental data is critical in the detection of small mine-like targets as well as hazards-to-navigation (e.g. wrecks) and characterizing the seafloor over large areas (geoprovincing). This data is used in change-detection programs to compare with any new data collected from the Fleet that will aid in the assessment and determination of mine-threats and significantly reduced clearance time.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment												P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
MINESWEEPING SYSTEM REPLACEMENT	P40A, P5A, P21			433.692			33.221			60.111			54.400			-				54.400	
Total Gross/Weapon System Cost				433.692			33.221			60.111			54.400			-				54.400	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY11 Omnibus ATR funding (\$17.4M) was in support of the Urgent Operational Need (UON) for Mine Neutralization capability for CENTCOM requirement. Funding was allocated in November 2011 (FY12) and a Letter Contract was awarded to Lockheed Martin on 17 Feb 2012. The ATR funding helps provide a neutralization capability gap for the MCM ships whereby the FY13 budget serves the remainder of the fleet. Funding is critical to support Neutralization on MCM Class Ships as it is the top priority of the Fleet to fill a capability gap in both 5th Fleet (Manama, Bahrain) and 7th Fleet (Sasebo, Japan). The unreliability of the current shipboard neutralization system coupled with new threats in theater mandates a replacement neutralization for these ships. This UON is supported by OSD (AT&L) and CNO. The CNO Strategic Laydown consists of 4 MCMs deployed to the Persian Gulf area in June 2012 to augment the 4 MCMs already permanently deployed there. Strategic laydown of the additional MCMs is only authorized until January 2013. Presumably by this time a decision will be made about the number of MCMs permanently deployed to this area. The 4 MCMs permanently deployed to Japan also conduct missions in a region of the world that is of vital strategic importance to the United States. A tech refresh is necessary to procure material and install the ISCS upgrades in two MCMs forward deployed to Sasebo, Japan. Alteration SCD 78356 will upgrade five computer workstations, replace network switches, and replace the Windows NT operating system with Windows 7. Legacy sustainment will not provide the necessary support because the workstations and network hardware are beyond their intended service lives. In addition, the operating system is not supported by the provider. Parts obsolescence results in procurement delays of urgent warfighting upgrades for deployed ships. Specifically, there is an increased risk of loss of core propulsion, electric and auxiliary plant functionality. ISCS legacy sustainment inhibits MCM capability to get underway to conduct missions in a region of the world that is of vital strategic importance to the United States. Therefore, a tech refresh is necessary to support the MCM mine hunting and minesweeping capability whereas legacy sustainment is not feasible and would result in delays and obsolescence. This alteration has been identified as a priority because this capability is only found in the MCMs. The MCM Readiness Task Force Report identified implementation of this alteration as the #3 priority and the MCM Operational Advisory Group Brief identified implementation of this alteration as the #7 priority MCM alteration.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement						Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT						
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) LV064 - REMOTE MINEHUNTING SYSTEM (RMS)																				
1.1) VARIABLE DEPTH SENSOR (VDS AN/ AQS-20A)	A		-	-	22.973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) PRODUCTION ENGINEERING	A		-	-	3.672	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) REMOTE MINEHUNTING VEHICLE (RMV)	A		66,251K	1	66.251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) MOD/PROD	A		-	-	1.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) CONSULTING SERVICES	A		-	-	0.329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) LV064 - REMOTE MINEHUNTING SYSTEM (RMS)					94.627			-			-			-			-			-
2) LV073 - MCM/MHC INTEGRATED SHIP CONTROL SYSTEM																				
2.1) SOFTWARE INTEGRATION	A		-	-	2.758	-	-	2.740	-	-	2.031	-	-	4.051	-	-	-	-	-	4.051
Subtotal 2) LV073 - MCM/ MHC INTEGRATED SHIP CONTROL SYSTEM					2.758			2.740			2.031			4.051			-			4.051
3) LV075 - MCM COMBAT SYSTEMS UPGRADES																				
3.1) MCM COMBAT SYSTEMS ⁽¹⁾	A		-	-	135.144	-	-	-	-	-	1.495	-	-	22.315	-	-	-	-	-	22.315
Subtotal 3) LV075 - MCM COMBAT SYSTEMS UPGRADES					135.144			-			1.495			22.315			-			22.315
4) LV078 - AN/SQQ-30(V)4 HFWB																				
† 4.1) AN/SQQ-32(V)4 HFWB	A		5,970K	9	53.730	-	-	-	5,892K	6	35.354	-	-	-	-	-	-	-	-	-
† 4.2) AN/SQQ-32(V)4 HFWB Integration ⁽²⁾	A		-	-	-	2,528K	4	10.111	-	-	-	2,702K	3	8.105	-	-	-	2,702K	3	8.105
4.3) H/W AND S/W ECP	B		-	-	-	-	-	-	-	-	-	-	-	1.014	-	-	-	-	-	1.014
4.4) PRODUCTION ENGINEERING	A		-	-	2.748	-	-	-	-	-	0.552	-	-	-	-	-	-	-	-	-
4.5) EDM REFURBISHMENT	A		-	-	3.848	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment									P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement							Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) LV078 - AN/ SQQ-30(V)4 HFWB					60.326			10.111			35.906			9.119			-			9.119
5) LV079 - SMCM UUV W/ LFBB (Knifefish)																				
5.1) SMCM UUV (Knifefish)	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) LV079 - SMCM UUV W/LFBB (Knifefish)					0.000			-			-			-			-			-
6) LV080 - UNMANNED SURFACE SWEEP SYSTEM (US3)																				
6.1) US3 Trainers	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) PRODUCTION ENGINEERING	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) US3 P3I	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) LV080 - UNMANNED SURFACE SWEEP SYSTEM (US3)					0.000			-			-			-			-			-
7) LV081 - BOW THRUSTER IMPROVEMENT																				
7.1) BOW THRUSTER IMPROVEMENT	B		-	-	3.958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) LV081 - BOW THRUSTER IMPROVEMENT					3.958			-			-			-			-			-
8) LV082 - AFT DECK EQUIPMENT UPGRADE																				
8.1) AFT DECK EQUIPMENT UPGRADE	B		-	-	25.481	-	-	2.029	-	-	3.993	-	-	4.000	-	-	-	-	-	4.000
Subtotal 8) LV082 - AFT DECK EQUIPMENT UPGRADE					25.481			2.029			3.993			4.000			-			4.000
9) LV083 - AIMS																				
9.1) AIMS	B		-	-	3.659	-	-	3.915	-	-	2.000	-	-	-	-	-	-	-	-	-
Subtotal 9) LV083 - AIMS					3.659			3.915			2.000			-			-			-
10) LV084 - 400HZ																				
10.1) 400HZ	A		-	-	3.994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) LV084 - 400HZ					3.994			-			-			-			-			-
11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement										Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 11.1) MSF PEARL HARBOR TREATMENT UPGRADE	B		11,244K	1	11.244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) MSF NORFOLK TREATMENT UPGRADE	B		14,457K	1	14.457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 11.3) MSF MEASUREMENT SYSTEM UPGRADE	B		22,320K	1	22.320	-	-	8.891	-	-	8.935	-	-	8.801	-	-	-	-	-	8.801
11.4) PRODUCTION ENGINEERING	B		-	-	28.978	-	-	5.535	-	-	5.751	-	-	6.114	-	-	-	-	-	6.114
<i>Subtotal 11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES</i>					76.999			14.426			14.686			14.915			-			14.915
12) LV090 Unmanned Surface Vehicle Flight 2																				
12.1) USV Flight 2	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) LV090 Unmanned Surface Vehicle Flight 2</i>					0.000			-			-			-			-			-
13) LV830 - PRODUCTION ENGINEERING																				
13.1) MCM COMBAT SYSTEM	B		-	-	2.461	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) MAGNETIC SILENCING FACILITY UPGRADES	B		-	-	5.652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.3) RMS	B		-	-	12.633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 13) LV830 - PRODUCTION ENGINEERING</i>					20.746			-			-			-			-			-
14) LV900 - CONSULTING SERVICES																				
14.1) RMS	B		-	-	0.793	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.2) MCM COMBAT SYSTEMS	B		-	-	1.732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 14) LV900 - CONSULTING SERVICES</i>					2.525			-			-			-			-			-
15) LVCA1 - SEA BOTTOM MAPPING																				
15.1) SEA BOTTOM MAPPING	A		-	-	1.711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 15) LVCA1 - SEA BOTTOM MAPPING</i>					1.711			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment									P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement						Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
16) PNNCM - MINE COUNTERMEASURES MAP SYSTEM																				
16.1) PNNCM - MINE COUNTERMEASURES MAP SYSTEM	B		588,000.00	3	1.764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 16) PNNCM - MINE COUNTERMEASURES MAP SYSTEM					1.764			-			-			-			-			-
Total					433.692			33.221			60.111			54.400			-			54.400
Footnotes:																				
(1) Funding increase in FY14 is for procurement of mine neutralization systems for MCM-1 class ships as follow on to FY11 Omnibus ATR.																				
(2) Increase of unit price due to break in production from FY12 to FY14 resulting in contractor shutting down and restarting the production line.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement				Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4) LV078 - AN/SQQ-30(V)4 HFWB												
†4.1) AN/SQQ-32(V)4 HFWB		2010	BAE NASHUA NH / NASHUA NH	C / FFP	NAVSEA	Sep 2010	Nov 2011	4	6,250K	Y		
†4.1) AN/SQQ-32(V)4 HFWB		2011	BAE NASHUA NH / NASHUA NH	C / FFP	NAVSEA	Feb 2011	Apr 2012	5	5,850K	Y		
†4.1) AN/SQQ-32(V)4 HFWB		2013	BAE NASHUA NH / NASHUA NH	C / FFP	NAVSEA	Mar 2013	May 2014	6	5,892K	Y		
†4.2) AN/SQQ-32(V)4 HFWB Integration		2012	Government FMT / NSWC, PC	MIPR	NSWC, PC	Oct 2011	Apr 2012	4	2,528K	Y		
†4.2) AN/SQQ-32(V)4 HFWB Integration		2014	Government FMT / NSWC, PC	MIPR	NSWC, PC	Oct 2013	Apr 2014	3	2,702K	Y		
11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES												
†11.1) MSF PEARL HARBOR TREATMENT UPGRADE		2008	VARIOUS / VARIOUS	TBD	NAVSEA	Mar 2008	Sep 2011	1	1,375K	N	Jun 2008	Dec 2007
†11.3) MSF MEASUREMENT SYSTEM UPGRADE		2008	VARIOUS / VARIOUS	C / TBD	NAVSEA	Mar 2008	Jun 2013	1	3,400K	Y		Dec 2007

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LI 2622 - Minesweeping System Replacement
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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013													
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement										Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT													
Items (Units in Each)							Fiscal Year 2010													Fiscal Year 2011													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010													Calendar Year 2011													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
4) LV078 - AN/SQQ-30(V)4 HFWB																																	
4.1) AN/SQQ-32(V)4 HFWB																																	
	10	2010	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
	10	2011	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	5	
	10	2013	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
4.2) AN/SQQ-32(V)4 HFWB Integration																																	
	11	2012	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
	11	2014	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES																																	
11.1) MSF PEARL HARBOR TREATMENT UPGRADE																																	
	12	2008	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
11.3) MSF MEASUREMENT SYSTEM UPGRADE																																	
	13	2008	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment											P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement												Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT														
Items (Units in Each)							Fiscal Year 2012												Fiscal Year 2013																		
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																		Calendar Year 2013												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
4) LV078 - AN/SQQ-30(V)4 HFWB																																					
4.1) AN/SQQ-32(V)4 HFWB																																					
	10	2010	NAVY	4	-	4	-	1	1	1	1																							-			
	10	2011	NAVY	5	-	5	-	-	-	-	-	-	1	-	1	1	-	1	1																		-
	10	2013	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	6				
4.2) AN/SQQ-32(V)4 HFWB Integration																																					
	11	2012	NAVY	4	-	4	A	-	-	-	-	-	-	1	1	-	-	-	2																		-
	11	2014	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES																																					
11.1) MSF PEARL HARBOR TREATMENT UPGRADE																																					
	12	2008	NAVY	1	1	-																								-							
11.3) MSF MEASUREMENT SYSTEM UPGRADE																																					
	13	2008	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1					-			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement																			Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT									
Items (Units in Each)							Fiscal Year 2014														Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015														B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
4) LV078 - AN/SQQ-30(V)4 HFWB																																						
4.1) AN/SQQ-32(V)4 HFWB																																						
	10	2010	NAVY	4	4	-																												-				
	10	2011	NAVY	5	5	-																												-				
	10	2013	NAVY	6	-	6	-	-	-	-	-	-	-	-	2	1	2	1															-					
4.2) AN/SQQ-32(V)4 HFWB Integration																																						
	11	2012	NAVY	4	4	-																												-				
	11	2014	NAVY	3	-	3	A	-	-	-	-	-	-	1	-	1	-	1															-					
11) LV085 - MAGNETIC SILENCING FACILITY UPGRADES																																						
11.1) MSF PEARL HARBOR TREATMENT UPGRADE																																						
	12	2008	NAVY	1	1	-																												-				
11.3) MSF MEASUREMENT SYSTEM UPGRADE																																						
	13	2008	NAVY	1	1	-																												-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L							

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2622 - Minesweeping System Replacement	Aggregated Item Name: MINESWEEPING SYSTEM REPLACEMENT

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE NASHUA NH - NASHUA NH	2.00	4.00	8.00	-	-	14	14	-	-	14	14
2	Government FMT - NSWC, PC	-	-	-	-	-	6	6	-	-	6	6
3	VARIOUS - VARIOUS	-	-	-	-	-	-	-	-	-	-	-
4	VARIOUS - VARIOUS	-	-	-	-	-	-	-	-	-	-	-

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship					
ID Code (A=Service Ready, B=Not Service Ready) : B				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	28.281	1.045	6.950	8.548	-	8.548	8.100	27.231	27.779	28.279	-	136.213
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	28.281	1.045	6.950	8.548	-	8.548	8.100	27.231	27.779	28.279	-	136.213
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	28.281	1.045	6.950	8.548	-	8.548	8.100	27.231	27.779	28.279	-	136.213
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.048	0.046	0.091	-	0.091	0.089	0.966	0.810	-	-	2.050
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This program provides a combination of US Navy projects planned to counter the threat to amphibious landing forces from known and projected foreign land/sea mines, obstacles in the beach zone and surf zone approaches to amphibious assault areas. It is a system of systems (Countermines/Counter Obstacle, Intelligence/Surveillance/Reconnaissance/Targeting (ISR/T), Navigation/Virtual Marking/Integration, C4I/Data Fusion) to provide a full assault breaching capability. This program is an essential element to the Marine Corps Ship To Objective Maneuver (STOM) Concept of Operations. [P40A / SW003: LANDING CRAFT UTILITY (LCU) NAVIGATION UPGRADE]: Landing Craft Utility (LCU) Navigation Upgrade (SW003): Modernize the navigation system to enable safe transit through the breached lane. [P40A / SW004: COASTAL BATTLEFIELD RECONNAISSANCE AND ANALYSIS (COBRA)]: Coastal Battlefield Reconnaissance and Analysis (COBRA) (SW004): The Intelligence, Surveillance, Reconnaissance/Targeting (ISR/T) part of the Assault Breaching System (ABS) of systems. One System consists of two Airborne Mine Counter Measures (AMCM) Payloads and one Post Mission Analysis (PMA) Station. Under the umbrella of evolutionary acquisition, three increments of development are planned. Block I introduces a daytime, surface laid minefield and obstacle detection capability for the Beach Zone. Block II adds a surfzone and night (darkness) detection capability. Block III adds a buried mine detection capability and on-board Near-Real-Time processing of Multi Spectral Imagery data. COBRA will be a modular payload architecture of, and integrated with, the MQ-8B Fire Scout Vertical Takeoff and Landing Unmanned Aerial Vehicle (VTUAV) and will serve as the "detect" mission module of the Littoral Combat Ship (LCS) Mine Warfare mission package. [P40A / SW005: AMPHIBIOUS ASSAULT VEHICLE NAVIGATION UPGRADE]: Amphibious Assault Vehicle (AAV) Navigation Upgrade (SW005): Modernize the Landing Craft Units' (LCUs) navigation system to enable precise transit through the breached lane. [P40A / SW061: LANDING CRAFT AIR CUSHION (LCAC) AUTOPILOT UPGRADE]: Landing Craft Air Cushion (LCAC) Autopilot Upgrade (SW061): An integrated improvement to the LCAC (Service Life Extension Program (SLEP) craft only) navigation system for craft control that allows precise navigation and hovering within the breached lane. (Upgrade software and backfit.)												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Shallow Water Mine CM Ship	P40A, P5A, P21				28.281			1.045			6.950			8.548			-			8.548
Total Gross/Weapon System Cost					28.281			1.045			6.950			8.548			-			8.548

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment									P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship							Aggregated Item Name: Shallow Water Mine CM Ship					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) SW003: LANDING CRAFT UTILITY (LCU) NAVIGATION UPGRADE																					
1.1) LCU NAVIGATION UPGRADES	B		-	-	1.479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) SW003: LANDING CRAFT UTILITY (LCU) NAVIGATION UPGRADE					1.479			-			-			-			-			-	
2) SW004: COASTAL BATTLEFIELD RECONNAISSANCE AND ANALYSIS (COBRA)																					
† 2.1) SW0041 COBRA BLOCK 1	A		-	-	3.267	-	-	-	-	-	-	8,359K	1	8.359	-	-	-	8,359K	1	8.359	
2.2) SW00411 COBRA BLOCK 1 SPARES, TRAINING	A		-	-	2.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.3) SW00411 COBRA BLOCK 1 MOD UPGRADES	A		-	-	13.462	-	-	-	-	-	6.545	-	-	-	-	-	-	-	-	-	
2.4) SW0042 COBRA BLOCK 2	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.5) SW0042 COBRA BLOCK 2 MOD UPGRADES	B		0.00	13,462	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) SW004: COASTAL BATTLEFIELD RECONNAISSANCE AND ANALYSIS (COBRA)					18.763			-			6.545			8.359			-			8.359	
3) SW005: AMPHIBIOUS ASSAULT VEHICLE NAVIGATION UPGRADE																					
3.1) AMPHIBIOUS ASSAULT VEHICLE NAVIGATION UPGRADE	A		-	-	4.720	-	-	1.045	-	-	0.405	-	-	0.189	-	-	-	-	-	0.189	
Subtotal 3) SW005: AMPHIBIOUS ASSAULT VEHICLE NAVIGATION UPGRADE					4.720			1.045			0.405			0.189			-			0.189	
4) SW061: LANDING CRAFT AIR CUSHION (LCAC) AUTOPILOT UPGRADE																					
4.1) LCAC AUTOPILOT UPGRADES	B		-	-	2.286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship										Aggregated Item Name: Shallow Water Mine CM Ship				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) SW061: LANDING CRAFT AIR CUSHION (LCAC) AUTOPILOT UPGRADE					2.286			-			-			-			-			-
5) SW830: PRODUCTION ENGINEERING																				
5.1) PRODUCTION ENGINEERING	B		-	-	1.033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) SW830: PRODUCTION ENGINEERING					1.033			-			-			-			-			-
Total					28.281			1.045			6.950			8.548			-			8.548

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship						Aggregated Item Name: Shallow Water Mine CM Ship			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
2) SW004: COASTAL BATTLEFIELD RECONNAISSANCE AND ANALYSIS (COBRA)													
†2.1) SW0041 COBRA BLOCK 1		2014	ARETE / TUCSON, AZ	C / FFP	NSWC PC	Mar 2014	Sep 2015	1	8,359K	Y		Mar 2013	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship														Aggregated Item Name: Shallow Water Mine CM Ship												
Items <i>(Units in Each)</i>							Fiscal Year 2014														Fiscal Year 2015															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
2) SW004: COASTAL BATTLEFIELD RECONNAISSANCE AND ANALYSIS (COBRA)																																				
2.1) SW0041 COBRA BLOCK 1																																				
	14	2014	NAVY	1	-	1	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2624 - Shallow Water Mine CM Ship	Aggregated Item Name: Shallow Water Mine CM Ship

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ARETE - TUCSON, AZ	2.00	6.00	12.00	-	-	18	18	-	-	18	18

"A" in the Delivery Schedule indicated the Contract Award Date.
Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)					
ID Code (A=Service Ready, B=Not Service Ready) : B				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	146.236	11.847	9.089	11.765	-	11.765	17.608	16.630	16.467	16.759	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	146.236	11.847	9.089	11.765	-	11.765	17.608	16.630	16.467	16.759	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	146.236	11.847	9.089	11.765	-	11.765	17.608	16.630	16.467	16.759	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	0.153	0.222	0.425	0.345	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
NAVSTAR Global Positioning System (NAVSTAR GPS) provides assured and protected navigation solutions to war fighters through supported, affordable, and integrated systems, and is the primary source of positioning, navigation and timing information for the DoD.

[P40A / (1R009) Navigation Sensor System Interface (NAVSSI) FMP]: NAVSSI procurement and installation is required to provide GPS and other positioning, navigation and timing sensor data to ship-board command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR), combat, and weapons systems. NAVSSI performs the full functions of collection, integration, calculation, and distribution of positioning, navigation and timing data. Precision positioning, navigation, and timing data is required to allow a common and correlated ship-to-ship tactical and operational picture.

[P40A / (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit]: NAVSSI procurement and installation is required to provide GPS and other positioning, navigation and timing sensor data to ship-board command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR), combat, and weapons systems. NAVSSI performs the full functions of collection, integration, calculation, and distribution of positioning, navigation and timing data. Precision positioning, navigation, and timing data is required to allow a common and correlated ship-to-ship tactical and operational picture.

[P40A / (1R018) Defense Advance GPS Receiver (DAGR)]: DAGR is a GPS handheld receiver replacing the obsolete Precision Lightweight GPS Receiver (PLGR). DAGR is a Selected Availability/Anti-Spoofing Module (SAASM)-compliant handheld GPS receiver. The GPS Joint Program Office is the procuring office for the purchase of DAGRs for U.S. forces.

[P40A / (1R019) Global Positioning System (GPS) - based Positioning, Navigation & Timing Service (GPNTS)]: GPNTS will be a single program of record satisfying U.S. Navy surface and subsurface platforms as well as potential U.S. Coast Guard and Foreign Military customers. GPNTS will meet current and emerging Positioning, Navigation and Timing (PNT) requirements of the fleet by providing modernized pervasive, robust, secure, integrated, and interoperable net centric capabilities to surface and subsurface platforms. GPNTS will be designed to accommodate back fit of current legacy PNT systems and forward fit for new platforms. The GPNTS system will be a replacement of the GPS Versa Module Euro card Receiver Card , the AN/WRN-6(V), and the Navigation Sensor System Interface (NAVSSI). The GPNTS system will provide an end to end PNT solution. The system will include the SAASM receiver card as well as an anti-jam GPS antenna. Future capabilities will migrate toward a Common Computing Environment such as Consolidated Afloat Networks Enterprise Services (CANES).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

[P3A / (1R0013) Navigation Warfare (NAVWAR) Installation]: NAVWAR ensures that U. S. military forces maintain access to the GPS in an electronically challenging battle space, delivers the capability to deny adversaries access to and use of GPS during military operations, and serves to preserve the peaceful use of GPS. Navy GPS Enhanced User Equipment (UE) Operational Requirements Document directs that future UE will incorporate an increased anti-jam capability. NAVWAR counters the threat by increasing resistance to intentional or unintentional interference. Sea NAVWAR Strategy comprises of 3 program increments, the first increment (near term) is to install GPS anti-jam antennas system (GAS-1) on surface platforms. The second increment (long term) is to install Advanced Digital Antenna Production (ADAP) antennas on surface platforms. The ADAP antenna improves upon GAS-1 performance by providing simultaneous dual frequency nulling, and built in test ability. The third increment will install GPS systems on submarines. The Capabilities Production Document for NAVWAR Increment 2 dated December 2008 was approved to support ADAP antenna development. Procurement and installation of anti-jam GPS antennas and modernized user equipment is required to ensure the continuation of GPS signals from space in a hostile jamming environment. The Sea NAVWAR program will equip selected ships and submarines with anti-jam GPS antennas to ensure the continued availability of GPS to support surface and subsurface combat operations and provide reliable GPS and other positioning, navigation and timing data to ship-board C4ISR, Combat, and Weapons Systems. Sea NAVWAR will continue procurement of system quantities in FY14.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
NAVSTAR GPS Receivers (Space)	P40A, P5A				127.894			6.167			4.855			6.466			-			6.466
1 - (1R0013) Navigation Warfare (NAVWAR) Installation	P3A				18.342			5.680			4.234			5.299			-			5.299
Total Gross/Weapon System Cost					146.236			11.847			9.089			11.765			-			11.765

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
NAVSTAR GPS Receivers (Space)	P40A, P5A				-			-			-			-			-			-
1 - (1R0013) Navigation Warfare (NAVWAR) Installation	P3A				5.390			5.771			5.765			5.881			1.824			58.186
Total Gross/Weapon System Cost					17.608			16.630			16.467			16.759	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

Navigation Sensor System Interface (NAVSSI, FMP and Retrofit) - NAVSSI will continue procurement of FMP and retrofits in FY14 to support fleet requirements.

Navigation Warfare (NAVWAR) - Sea NAVWAR will continue procurement of system quantities in FY14.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): Defense Advance GPS Receiver (DAGR) - Initial procurement began in October 2003 with DAGRs now being procured on a semi-annual basis to meet Naval Special Warfare Forces operational requirements.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment									P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)							Aggregated Item Name: NAVSTAR GPS Receivers (Space)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
1) (1R009) Navigation Sensor System Interface (NAVSSI) FMP ⁽¹⁾																					
† 1.1) NAVSSI FMP	A		330.977	133	44.020	1,495.000	1	1.495	-	-	-	865.000	2	1.730	-	-	-	865.000	2	1.730	
Subtotal 1) (1R009) Navigation Sensor System Interface (NAVSSI) FMP					44.020			1.495			-			1.730			-			1.730	
2) (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit																					
† 2.1) NAVSSI Retrofit	A		135.466	88	11.921	330.000	2	0.660	305.000	5	1.525	280.000	2	0.560	-	-	-	280.000	2	0.560	
Subtotal 2) (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit					11.921			0.660			1.525			0.560			-			0.560	
3) (1R018) Defense Advance GPS Receiver (DAGR)																					
† 3.1) DAGR ⁽²⁾	A		3.205	425	1.362	3.284	349	1.146	3.348	210	0.703	3.397	73	0.248	-	-	-	3.397	73	0.248	
Subtotal 3) (1R018) Defense Advance GPS Receiver (DAGR)					1.362			1.146			0.703			0.248			-			0.248	
4) (1R019) Global Positioning System (GPS) - based Positioning, Navigation & Timing Service (																					
4.1) GPNTS ⁽³⁾	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) (1R019) Global Positioning System (GPS) - based Positioning, Navigation & Timing Service (					0.000			-			-			-			-			-	
5) (1R555) Production Support																					
5.1) NAVSSI FMP	A		-	-	7.995	-	-	0.195	-	-	-	-	-	0.105	-	-	-	-	-	0.105	
5.2) NAVSSI Retrofit	A		-	-	3.988	-	-	0.075	-	-	0.083	-	-	0.035	-	-	-	-	-	0.035	
5.3) DAGR	A		-	-	0.071	-	-	0.058	-	-	0.036	-	-	0.012	-	-	-	-	-	0.012	
5.4) GPNTS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) (1R555) Production Support					12.054			0.328			0.119			0.152			-			0.152	
6) (1R777) FMP Install - NAVSTAR GPS Ship																					
6.1) NAVSSI FMP	A		-	-	41.145	-	-	-	-	-	0.846	-	-	1.524	-	-	-	-	-	1.524	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)										Aggregated Item Name: NAVSTAR GPS Receivers (Space)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.2) NAVSSI Retrofit	A		-	-	11.040	-	-	1.548	-	-	1.226	-	-	1.309	-	-	-	-	-	1.309
6.3) GPNTS	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) (1R777) FMP Install - NAVSTAR GPS Ship</i>					52.185			1.548			2.072			2.833			-			2.833
7) (1R777) FMP DSA - NAVSTAR GPS Ship																				
7.1) NAVSSI FMP	A		-	-	3.900	-	-	0.448	-	-	0.106	-	-	0.580	-	-	-	-	-	0.580
7.2) NAVSSI Retrofit	A		-	-	2.452	-	-	0.542	-	-	0.330	-	-	0.363	-	-	-	-	-	0.363
7.3) GPNTS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) (1R777) FMP DSA - NAVSTAR GPS Ship</i>					6.352			0.990			0.436			0.943			-			0.943
Total					127.894			6.167			4.855			6.466			-			6.466

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)							Aggregated Item Name: NAVSTAR GPS Receivers (Space)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) (1R009) Navigation Sensor System Interface (NAVSSI) FMP ⁽¹⁾																				
† 1.1) NAVSSI FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) (1R009) Navigation Sensor System Interface (NAVSSI) FMP					-			-			-			-			-			-
2) (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit																				
† 2.1) NAVSSI Retrofit	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit					-			-			-			-			-			-
3) (1R018) Defense Advance GPS Receiver (DAGR)																				
† 3.1) DAGR ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) (1R018) Defense Advance GPS Receiver (DAGR)					-			-			-			-			-			-
4) (1R019) Global Positioning System (GPS) - based Positioning, Navigation & Timing Service (																				
4.1) GPNTS ⁽³⁾	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) (1R019) Global Positioning System (GPS) - based Positioning, Navigation & Timing Service (					-			-			-			-			-			-
5) (1R555) Production Support																				
5.1) NAVSSI FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) NAVSSI Retrofit	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) DAGR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) GPNTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) (1R555) Production Support					-			-			-			-			-			-
6) (1R777) FMP Install - NAVSTAR GPS Ship																				
6.1) NAVSSI FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment						P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)										Aggregated Item Name: NAVSTAR GPS Receivers (Space)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.2) NAVSSI Retrofit	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) GPNTS	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) (1R777) FMP Install - NAVSTAR GPS Ship</i>					-			-			-			-			-			-
7) (1R777) FMP DSA - NAVSTAR GPS Ship																				
7.1) NAVSSI FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) NAVSSI Retrofit	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) GPNTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) (1R777) FMP DSA - NAVSTAR GPS Ship</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) 1R009 NAVSSI FMP FY12 procurement unit cost increase is due to first in flight procurement and integration for LHD-1. Unique configuration and additional capability required to support LHD capstone combat system upgrade. In addition, NAVSSI FMP FY15-FY18 includes funding to support L class amphibious ship capstone and Ships Self Defense System (SSDS). (2) 1R018 DAGR/GPS Handhelds FY11-14 unit cost variances based on projected joint service component group buys at GPS Directorate-LAAFB to include the basic unit & accessories (min/max \$3K/\$4K). (3) 1R019 GPNTS FY15-17 unit cost for each procured Shipset is a Dual Redundant Sytem consisting of (2) Racks & (2) Anti-Jam Antenna.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment			P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)						Aggregated Item Name: NAVSTAR GPS Receivers (Space)			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) (1R009) Navigation Sensor System Interface (NAVSSI) FMP												
1.1) NAVSSI FMP		2012	L3 SERCO ⁽⁴⁾ / SAN DIEGO	C / FFP	SPAWAR	Oct 2012	May 2013	1	1,495.000	Y		Apr 2008
1.1) NAVSSI FMP		2014	UNKNOWN / UNKNOWN	C / FFP	SPAWAR	Dec 2013	Apr 2014	2	865.000	Y		
2) (1R011) Navigation Sensor System Interface (NAVSSI) Retrofit												
2.1) NAVSSI Retrofit		2012	L3 SERCO / SAN DIEGO	C / FFP	SPAWAR	Dec 2011	Mar 2012	2	330.000	Y		Apr 2008
2.1) NAVSSI Retrofit		2013	L3 SERCO / SAN DIEGO	C / FFP	SPAWAR	Dec 2012	Mar 2013	5	305.000	Y		Apr 2008
2.1) NAVSSI Retrofit		2014	UNKNOWN / UNKNOWN	C / FFP	SPAWAR	Dec 2013	Mar 2014	2	280.000	Y		
3) (1R018) Defense Advance GPS Receiver (DAGR)												
3.1) DAGR		2012	Rockwell Collins ⁽⁵⁾ / Cedar Rapids, IA	C / FFP	GPS Directorate	Jan 2012	Jun 2012	349	3.284	Y		Jan 2006
3.1) DAGR		2013	Rockwell Collins ⁽⁵⁾ / Cedar Rapids, IA	C / FFP	GPS Directorate	Jan 2013	Jun 2013	210	3.348	Y		Jan 2006
3.1) DAGR		2014	Rockwell Collins ⁽⁵⁾ / Cedar Rapids, IA	C / FFP	GPS Directorate	Jan 2014	Jun 2014	73	3.397	Y		Jan 2006
Footnotes:												
⁽⁴⁾ NAVSSI FMP & Retrofit MSR is also supported from OCF, SCN and FMS to sustain the production line.												
⁽⁵⁾ Product delivery MRS rates for 1R018 DAGR/GPS Handhelds are based on joint buy scheduling. The GPS Directorate at Los Angeles Air Force Base is the cognizant PCO for this contract.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - (1R0013) Navigation Warfare (NAVWAR) Installation				
Models of Systems Affected: Shore Stations, Ships, Submarines			Type Modification: Upgrade					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	18.342	5.680	4.234	5.299	-	5.299	5.390	5.771	5.765	5.881	1.824	58.186
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	18.342	5.680	4.234	5.299	-	5.299	5.390	5.771	5.765	5.881	1.824	58.186
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	18.342	5.680	4.234	5.299	-	5.299	5.390	5.771	5.765	5.881	1.824	58.186
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procurement and installation of anti-jam GPS user equipment and prevention equipment is required to ensure the continued utility of GPS signals from space in a hostile jamming environment. The NAVWAR program will equip selected ships and submarines with anti-jam GPS antennas to ensure the continued availability of GPS to support surface and subsurface combat operations and provide reliable GPS and other navigation sensor data to ship-board C4ISR, Combat, and Weapons Systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)					Modification Nomenclature (Modification Number - Modification Title): 1 - (1R0013) Navigation Warfare (NAVWAR) Installation				
Models of Systems Affected: Shore Stations, Ships, Submarines				Type Modification: Upgrade					Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
(1R0013) Navigation Warfare (NAVWAR) Installation													
B Kits													
Recurring													
1.1.1) NAVWAR (GAS1, ADAP, SAGE) - NonOrganic ⁽⁶⁾ 161 / 12.24344 / 4.16820 / 2.10832 / 3.749- / -32 / 3.74924 / 3.07330 / 3.95244 / 3.35032 / 2.424- / -387 / 35.067													
Subtotal Recurring161 / 12.24344 / 4.16820 / 2.10832 / 3.749- / -32 / 3.74924 / 3.07330 / 3.95244 / 3.35032 / 2.424- / -387 / 35.067													
Total, (1R0013) Navigation Warfare (NAVWAR) Installation161 / 12.24344 / 4.16820 / 2.10832 / 3.749- / -32 / 3.74924 / 3.07330 / 3.95244 / 3.35032 / 2.424- / -387 / 35.067													
Total Procurement, All Modifications161 / 12.24344 / 4.16820 / 2.10832 / 3.749- / -32 / 3.74924 / 3.07330 / 3.95244 / 3.35032 / 2.424- / -387 / 35.067													
Support													
2.1) Production Support- / 2.362- / 0.247- / 0.126- / 0.204- / - - / 0.204- / 0.174- / 0.222- / 0.186- / 0.130- / - - / 3.651													
2.2) Engineering Change: Inc 1 - Gas1 Filters119 / 1.167- / - - / - - / - - / - - / - - / - - / - - / - - / - - / 119 / 1.167													
2.3) DSA - FMP- / 1.596- / 0.216- / 0.460- / 0.406- / - - / 0.406- / 0.479- / 0.517- / 0.759- / 0.995- / - - / 5.428													
Total Support, All Modifications5.1250.4630.5860.610-0.6100.6530.7390.9451.125-10.246													
Total Procurement and Support17.3684.6312.6944.359-4.3593.7264.6914.2953.549-45.313													
(1R0013) Navigation Warfare (NAVWAR) Installation Installation Cost- / 0.974- / 1.049- / 1.540- / 0.940- / - - / 0.940- / 1.664- / 1.080- / 1.470- / 2.332- / 1.824- / 12.873													
Total Installation Cost- / 0.974- / 1.049- / 1.540- / 0.940- / - - / 0.940- / 1.664- / 1.080- / 1.470- / 2.332- / 1.824- / 12.873													
Total Cost (Procurement + Support + Installation)18.3425.6804.2345.299-5.2995.3905.7715.7655.8811.82458.186													

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - (1R0013) Navigation Warfare (NAVWAR) Installation											
Models of Systems Affected: Shore Stations, Ships, Submarines										Type Modification: Upgrade										Related RDT&E PEs: 0604777N											
Manufacturer Information: (1R0013) Navigation Warfare (NAVWAR) Installation																															
Manufacturer Name: RAYTHEON SYSTEMS LTD													Manufacturer Location: HARLOW-UNITED KINGDOM																		
Administrative Leadtime (<i>in Months</i>): 4													Production Leadtime (<i>in Months</i>): 9																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jan 2012				Jan 2013				Jan 2014																					
Delivery Dates		Oct 2012				Oct 2013				Oct 2014																					
Installation: (1R0013) Navigation Warfare (NAVWAR) Installation													Method of Implementation: Tiger Team										Installation Name: NAVWAR Inc 1 - GAS1, Inc 2 - ADAP & Inc 3 - Submarine								
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		271 / 0.974	9 / 1.049		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		280 / 2.023						
FY 2012		- / -	- / -		44 / 1.540		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		44 / 1.540						
FY 2013		- / -	- / -		- / -		20 / 0.940		- / -		20 / 0.940		- / -		- / -		- / -		- / -		- / -		- / -		20 / 0.940						
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		32 / 1.664		- / -		- / -		- / -		- / -		- / -		32 / 1.664						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		24 / 1.080		- / -		- / -		- / -		- / -		24 / 1.080						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		30 / 1.470		- / -		- / -		- / -		30 / 1.470						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		44 / 2.332		- / -		- / -		44 / 2.332						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		32 / 1.824		- / -		32 / 1.824						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		271 / 0.974	9 / 1.049		44 / 1.540		20 / 0.940		- / -		20 / 0.940		32 / 1.664		24 / 1.080		30 / 1.470		44 / 2.332		32 / 1.824		- / -		506 / 12.873						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	271	1	2	3	3	-	20	16	6	2	10	7	1	2	15	11	5	1	8	8	8	-	10	10	10	-	15	15	14	32	506
Out	271	1	2	3	3	-	-	20	16	6	2	10	7	1	2	15	11	5	1	8	8	8	-	10	10	10	-	15	15	46	506
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment	P-1 Line Item Nomenclature: 2657 - NAVSTAR GPS Receivers (Space)	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - (1R0013) Navigation Warfare (NAVWAR) Installation
Models of Systems Affected: Shore Stations, Ships, Submarines	Type Modification: Upgrade	Related RDT&E PEs: 0604777N
⁽⁶⁾ Note 1: NAVWAR INC2 ADAP/ADAP FOAL unit costs are affected by estimated exchange rate (units procured from Raytheon Sys. Ltd in the United Kingdom), inflation, group purchase pricing fluctuations with GPS Directorate-Los Angeles Air Force Base (LAAFB), and hardware configurations for ADAP & ADAP Fiber Optic Antenna Link (FOAL) and component kits). Note 2: INC2 ADAP FOAL Shipsets include two ADAP FOAL Antennas & two Component Kits with relation to the procurement and installation of a Shipset.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2666 - American Forces Radio and TV Service (AFRTS)					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.569	4.359	7.768	6.483	-	6.483	6.958	7.181	7.312	7.444	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.569	4.359	7.768	6.483	-	6.483	6.958	7.181	7.312	7.444	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.569	4.359	7.768	6.483	-	6.483	6.958	7.181	7.312	7.444	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.466	0.514	0.469	-	0.469	0.562	0.001	-	-	-	2.012
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: K0001: American Forces Radio and Television Service (AFRTS) Program - AFRTS shipboard systems provide command information to deployed Sailors and Marines, and allow for the distribution of AFRTS programming in order to provide situational awareness for forward deployed commanders with real-time news and information. The systems also provide programming to Sailors and Marines at sea worldwide as a Navy Quality of Life (QOL) initiative, staying in compliance with the Chief of Naval (CNO) Shipboard Habitability Program. These systems contribute significantly to the habitability of Navy ships by providing and distributing news, command information, training, and entertainment programming using the latest technology available. These systems improve morale, combat effectiveness and retention rates of deployed personnel. All AFRTS systems use Commercial-Off-the-Shelf (COTS) equipment. Fleet Support Detachments (FSDs) are the installing agents for these systems. Each component replacement is made based on ship availability and coordinated through the TYCOM's. [P40A / K0830 - Production Engineering]: Supports review and approval of any production contract technical documentation, or the separate development of this documentation to include signal flow diagrams, Preventive Maintenance Services (PMS), production drawings, provisioning technical documentation (PTD), Integrated Logistic Support (ILS), Program Support Data (PSD), Allowance Parts List (APL's) and engineering in support of final design reviews. [P40A / K0INS - Non FMP Installation]: Supports the installation of SITE, TV-DTS (TV-Direct to Sailor), system onboard Navy ships. Installations are performed by DMAA Fleet Support Detachments and are based on TYCOM nominations. [P40A / K0001 - Site Digital Server]: The SITE digital upgrade installs a digital based video server within each SITE system. The Video Server allows for AFRTS programming and Navy Motion Picture Service Movies to be stored within the SITE system, adhering to Motion Picture Association of America Digital Rights Management standards. Media is decrypted at moment of playback. Hard drive/server allows for 30-day automated playback. Automated playlist is standard with pre-programmed, 30-day schedule, and the ship has the ability to modify as necessary. Each server installation is made based on ship availability by the FSD as the installing agents.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2666 - American Forces Radio and TV Service (AFRTS)										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
MDAP/MAIS Code(s):																				
[P40A / K0001 - Site CCTV - Digital/200]: SITE (Shipboard Information Training & Entertainment) CCTV (Closed Circuit TV) - Digital/200 is the next generation of the SITE 2000/200. This system is a digitally-based replacement for the 2000/200 playback. Each system is comprised of COTS components that take three to twelve months to procure. Each component upgrade/replacement is made based on ship availability, by the FSD as the installing/replacement agents. [P40A / K0001 - Site CCTV - Digital/300]: Digital/300 is the next generation of the SITE 2000/300. This system is a digitally-based replacement for the 2000/300 playback. Each system is comprised of COTS components that take three to twelve months to procure. Each component upgrade/replacement is made based on ship availability, by the FSD as the installing/replacement agents. [P40A / K0001 - Site CCTV - Digital/400]: SITE CCTV - Digital/400 - is the next generation of the SITE 2000/400. This system is a digitally-based replacement for the 2000/400 playback. Requires manpower of one dedicated technician and operator. Each system is comprised of COTS components that take three to twelve months to procure. Each component upgrade/replacement is made based on ship availability, by the FSD as the installing/replacement agents. [P40A / K0001 - Site CCTV - Digital /500]: Digital/500 - is the next generation of the SITE 2000/500. This system is digitally-based replacement for the 2000/500 playback. Requires manpower of two dedicated technicians and three operators. Each system is comprised of COTS components that take three to twelve months to procure. Each component upgrade/replacement is made based on ship availability, by the FSD as the installing/repair agents. [P40A / K0001 - Circuit 27TV Upgrade]: Circuit 27TV Upgrade - Upgrade to 14TV head end only that will allow onboard SITE system to distribute Television Direct To Sailors (TV-DTS), AFRTS and pier-side cable commercial programming. Each component upgrade/replacement is made based on ship availability, by the FSD as the installing/replacement agents.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
American Forces Radio and TV Service (AFRTS)	P40A, P5A				10.569			4.359			7.768			6.483			-			6.483
Total Gross/Weapon System Cost					10.569			4.359			7.768			6.483			-			6.483
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification:																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment					P-1 Line Item Nomenclature: 2666 - American Forces Radio and TV Service (AFRTS)										Aggregated Item Name: American Forces Radio and TV Service (AFRTS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) K0830 - Production Engineering																				
1.1) Production Engineering	A		-	-	8.047	-	-	3.101	-	-	5.220	-	-	2.893	-	-	-	-	-	2.893
Subtotal 1) K0830 - Production Engineering					8.047			3.101			5.220			2.893			-			2.893
2) K0INS - Non FMP Installation																				
2.1) Non-FMP Installation	A		-	-	2.522	-	-	0.190	-	-	0.193	-	-	0.196	-	-	-	-	-	0.196
Subtotal 2) K0INS - Non FMP Installation					2.522			0.190			0.193			0.196			-			0.196
3) K0001 - Site Digital Server																				
† 3.1) Site Digital Server	A		-	-	-	97,000.00	9	0.873	97,000.00	10	0.970	97,000.00	17	1.649	-	-	-	97,000.00	17	1.649
Subtotal 3) K0001 - Site Digital Server					-			0.873			0.970			1.649			-			1.649
4) K0001 - Site CCTV - Digital/200																				
† 4.1) Site CCTV - Digital/200	A		-	-	-	5,000.00	5	0.025	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) K0001 - Site CCTV - Digital/200					-			0.025			-			-			-			-
5) K0001 - Site CCTV - Digital/300																				
† 5.1) Site CCTV - Digital/300	A		-	-	-	5,000.00	2	0.010	85,000.00	9	0.765	85,000.00	11	0.935	-	-	-	85,000.00	11	0.935
Subtotal 5) K0001 - Site CCTV - Digital/300					-			0.010			0.765			0.935			-			0.935
6) K0001 - Site CCTV - Digital/400																				
† 6.1) Site CCTV - Digital/400	A		-	-	-	5,000.00	10	0.050	90,000.00	3	0.270	90,000.00	6	0.540	-	-	-	90,000.00	6	0.540
Subtotal 6) K0001 - Site CCTV - Digital/400					-			0.050			0.270			0.540			-			0.540
7) K0001 - Site CCTV - Digital /500																				
† 7.1) Site CCTV - Digital/500	A		-	-	-	110,000.00	1	0.110	110,000.00	1	0.110	110,000.00	1	0.110	-	-	-	110,000.00	1	0.110
Subtotal 7) K0001 - Site CCTV - Digital /500					-			0.110			0.110			0.110			-			0.110
8) K0001 - Circuit 27TV Upgrade																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment							P-1 Line Item Nomenclature: 2666 - American Forces Radio and TV Service (AFRTS)								Aggregated Item Name: American Forces Radio and TV Service (AFRTS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 8.1) Circuit 27TV Upgrade	A		-	-	-	-	-	-	20,000.00	12	0.240	20,000.00	8	0.160	-	-	-	20,000.00	8	0.160
Subtotal 8) K0001 - Circuit 27TV Upgrade					-			-			0.240			0.160			-			0.160
Total					10.569			4.359			7.768			6.483			-			6.483

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2666 - American Forces Radio and TV Service (AFRTS)					Aggregated Item Name: American Forces Radio and TV Service (AFRTS)			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) K0001 - Site Digital Server												
3.1) Site Digital Server		2012	Various / Various	MIPR	DMA-R/ DMA-A	Jun 2012	Jul 2012	9	97,000.00	Y		
3.1) Site Digital Server		2013	Various / Various	C / TBD	** NO PCO **	May 2013	Jun 2013	10	97,000.00	Y		
3.1) Site Digital Server		2014	Various / Various	C / TBD	** NO PCO **	Oct 2013	Nov 2013	17	97,000.00	Y		
4) K0001 - Site CCTV - Digital/200												
4.1) Site CCTV - Digital/200		2012	Various / Various	MIPR	DMA-R/ DMA-A	Jun 2012	Jul 2012	5	5,000.00	Y		
5) K0001 - Site CCTV - Digital/300												
5.1) Site CCTV - Digital/300		2012	Various / Various	MIPR	DMA-R/ DMA-A	Jun 2012	Jul 2012	2	5,000.00	Y		
5.1) Site CCTV - Digital/300		2013	Various / Various	MIPR	DMA-R/ DMA-A	May 2013	Jun 2013	9	85,000.00	Y		
5.1) Site CCTV - Digital/300		2014	Various / Various	C / TBD	** NO PCO **	Oct 2013	Nov 2013	11	85,000.00	Y		
6) K0001 - Site CCTV - Digital/400												
6.1) Site CCTV - Digital/400		2012	Various / Various	MIPR	DMA-R/ DMA-A	Jun 2012	Jul 2012	10	5,000.00	Y		
6.1) Site CCTV - Digital/400		2013	Various / Various	MIPR	DMA-R/ DMA-A	May 2013	Jun 2013	3	90,000.00	Y		
6.1) Site CCTV - Digital/400		2014	Various / Various	C / TBD	** NO PCO **	Oct 2013	Nov 2013	6	90,000.00	Y		
7) K0001 - Site CCTV - Digital /500												
7.1) Site CCTV - Digital/500		2012	Various / Various	MIPR	DMA-R/ DMA-A	Jun 2012	Jul 2012	1	110,000.00	Y		
7.1) Site CCTV - Digital/500		2013	Various / Various	MIPR	DMA-R/ DMA-A	May 2013	Jun 2013	1	110,000.00	Y		
7.1) Site CCTV - Digital/500		2014	Various / Various	MIPR	DMA-R/ DMA-A	Jan 2014	Feb 2014	1	110,000.00	Y		
8) K0001 - Circuit 27TV Upgrade												
8.1) Circuit 27TV Upgrade		2013	Various / Various	MIPR	DMA-R/ DMA-A	May 2013	Jun 2013	12	20,000.00	Y		
8.1) Circuit 27TV Upgrade		2014	Various / Various	C / TBD	** NO PCO **	Oct 2013	Nov 2013	8	20,000.00	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment										P-1 Line Item Nomenclature: 2676 - Strategic Platform Support Equip										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	14.393	4.133	3.614	7.631	-	7.631	7.368	3.772	3.809	3.813	-	48.533								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	14.393	4.133	3.614	7.631	-	7.631	7.368	3.772	3.809	3.813	-	48.533								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	14.393	4.133	3.614	7.631	-	7.631	7.368	3.772	3.809	3.813	-	48.533								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	1.948	1.726	1.426	-	1.426	1.367	1.390	1.364	1.442	Continuing	Continuing								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Funding in this P-1 line provides Non-Propulsion Electronics equipment that will be installed aboard TRIDENT Class submarines as part of the Obsolete Equipment Replacement (OER) Program. The OBSOLETE EQUIPMENT REPLACEMENT (OER) Program is the replacement of existing hardware/software that, though functional, has become operationally obsolete, is no longer in production or supportable with spare parts, or has a high failure rate making them no longer cost effective to maintain. OER hardware/software changes are expected to provide significant cost savings via reduced maintenance costs and use Commercial-Off-The-Shelf (COTS) technology wherever possible as long as all technical requirements are met. This funding line includes performance of the required fully integrated system level testing and certification of changes to the TRIDENT Combat systems prior to installation of the changes on the ship. Integrated testing and certification provides assurance that when the changes are installed in the ship, the TRIDENT Combat system will operate as designed, allowing the ships to maintain their operational schedules and mission capabilities.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Strategic Platform Support Equip	P40A, P5A				14.393			4.133			3.614			7.631			-			7.631
Total Gross/Weapon System Cost					14.393			4.133			3.614			7.631			-			7.631

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment		P-1 Line Item Nomenclature: 2676 - Strategic Platform Support Equip
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): *Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification:		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment								P-1 Line Item Nomenclature: 2676 - Strategic Platform Support Equip							Aggregated Item Name: Strategic Platform Support Equip						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) P1221 Strategic Platform Support Equip																					
† 1.1) Common Platform Engineering	A		-	-	4.331	892,000.00	1	0.892	916,000.00	1	0.916	805,000.00	1	0.805	-	-	-	805,000.00	1	0.805	
1.2) CCS Revision Engineering Cert/Test	A		-	-	4.953	-	-	1.741	-	-	0.998	-	-	2.260	-	-	-	-	-	2.260	
1.3) SSBN Revision 8.0 HM&E Material	A		150,000.00	2	0.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) SSBN Revision 8.0 Modernization	A		-	-	0.898	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.5) Monitoring Workstation Technology Refresh	A		-	-	1.843	500,000.00	3	1.500	425,000.00	4	1.700	350,000.00	6	2.100	-	-	-	350,000.00	6	2.100	
1.6) Data Processing System (DPWS) Tech Refresh	A		-	-	2.068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.7) Data Processing System (DPS) Mission Critical Workstation	A		-	-	-	-	-	-	-	-	-	-	-	2.466	-	-	-	-	-	2.466	
Total					14.393			4.133			3.614			7.631			-			7.631	

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 7: Other Ship Electronic Equipment				P-1 Line Item Nomenclature: 2676 - Strategic Platform Support Equip					Aggregated Item Name: Strategic Platform Support Equip			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) P1221 Strategic Platform Support Equip												
1.1) Common Platform Engineering		2012	NUWC NPT / NEWPORT, RI	WR	NAVSEA	Apr 2012	Aug 2012	1	892,000.00	Y		
1.1) Common Platform Engineering		2013	NUWC NPT / NEWPORT, RI	WR	NAVSEA	Apr 2013	Aug 2013	1	916,000.00	Y		
1.1) Common Platform Engineering		2014	NUWC NPT / NEWPORT, RI	WR	NAVSEA	Apr 2014	Aug 2014	1	805,000.00	Y		
1.5) Monitoring Workstation Technology Refresh		2012	NSWC/CD / PHILADELPHIA, PA	WR	NAVSEA	Apr 2012	Aug 2012	3	500,000.00	Y		
1.5) Monitoring Workstation Technology Refresh		2013	NSWC/CD / PHILADELPHIA, PA	WR	NAVSEA	Apr 2013	Aug 2013	4	425,000.00	Y		
1.5) Monitoring Workstation Technology Refresh		2014	NSWC/CD / PHILADELPHIA, PA	WR	NAVSEA	Apr 2014	Aug 2014	6	350,000.00	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment							P-1 Line Item Nomenclature: 2762 - Other Training Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	108.428	34.734	42.911	53.644	-	53.644	46.344	52.297	44.027	43.240	-	425.625
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	108.428	34.734	42.911	53.644	-	53.644	46.344	52.297	44.027	43.240	-	425.625
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	108.428	34.734	42.911	53.644	-	53.644	46.344	52.297	44.027	43.240	-	425.625
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.407	0.261	0.076	-	0.076	0.312	0.307	0.257	0.231	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: PROGRAM DESCRIPTION/JUSTIFICATION: Other Training Equipment line supports various types of Communication and Electronic training requirements. [P40A / MB040 - ACB 16]: AEGIS ACB-16 Produce Hawklink Simulation/Stimulation field change kits. Produce and install CEC training capability that allows transfer of simulated CU data with external participants. FY 14: Produce Engineering Change Proposals (ECPs) and drawings to support FY15 and following procurements. SSDS ACB-16 Produce and install Air Asset Training Simulation/Stimulation unit. This unit interfaces to the common data link interface and provides simulated EW, ASW and Radar contacts as seen from a simulated ASW Air Asset. FY 14: Produce Engineering Change Proposals (ECPs) and drawings to support FY15 and following procurements. [P40A / MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT]: MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT This line procures submarine Fleet and team trainers sustaining equipment and systems, which emulate ship characteristics, as approved by the CNO. Representative training systems include, but are not limited to: Submarine Navigation Trainers which include the Virtual Environment Submarine (VESUB), Submarine Piloting and Navigation Trainers (SPAN), Reconfigurable SPAN (RSPAN), Submarine Bridge												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment							P-1 Line Item Nomenclature: 2762 - Other Training Equipment				
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Trainer/Integrated SPAN (SBT/ISPAN), Navigation Databases, Ship Control Operator Trainer (SCOT), and PC-based Team Trainers which include the Mini-SPANs. These systems and Training Enhancement Changes (TECs) are identified by the Submarine Learning Center (SLC) for training activities, which are approved by the CNO. Supports Fleet requested updates and technical refresh of all the systems and products listed above. The SBT/ISPAN and upgrades to the existing navigation and mariner skills trainer in all homeports will be procured. This line also provides configuration changes for the Submarine Multi Reconfigurable Training System (MRTS) Communications, which includes Submarine Communications Support System / Common Submarine Radio Room (SCSS / CSRR) trainers.

[P40A / MB050 SUBMARINE SONAR TRAINERS]: MB050 SUBMARINE SONAR TRAINERS

The Sonar Employment Trainer (SET) provides acoustic operator employment Fleet and team training for submarine sonar systems. It uses entirely commercial components to contain contact and environment models, simulations of the sensors and signal processing, simulated operator consoles, and an instructional subsystem including an instructor's console. SET is used to train advanced operators in the Advanced Sonar Employment and Sonar Supervisor courses. The SET is periodically upgraded to support current software Advanced Processor Builds (APBs) and Technical Insertions (TIs). The SET is an essential component of an emerging shore based training that supports the projected technology in the Fleet systems that are designed to meet current and future threats: the Acoustics, Rapid Commercial-Off-The-Shelf (COTS) Insertion (A-RCI). The SET is based on the widely recognized and proven successful Interactive Multi-sensor Acoustic Trainer (IMAT) visualization and simulation technologies. SET hardware procurements alternate with implementation updates every other fiscal year.

The SET is part of the solution to increasing operator competence and data recognition through employment training by its use of 3-D graphics, animation, audio, and scientific visualization methods to illustrate highly complex displays and concepts of oceanographic physics. The demands of curriculum and student throughout at the primary submarine training site at NAVSUBSCOL, Groton dictates the number and configuration of trainers provided. SET Hardware/Software procurements alternate with implementation updates every other fiscal year.

FY12: Procured simulation upgrades to the SET, procured five hardware upgrades to AATs, including the simulation upgrades to the AAT EPM.

FY13: Procures one hardware kit and implements simulation upgrades to SET, procures five hardware upgrades to AATs, including upgrades to the AAT EPM.

FY14: Procures one software kit upgrade to SET and provides operator enhancement as requested by the Submarine Learning Center (SLC).

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Training Equipment	P40A, P5A, P21				43.668			10.592			6.272			18.003			-			18.003
1 - MB040 - ENCRYPTORS	P3A				5.890			0.096			-			-			-			-
2 - MB040 - BFTT SHIP SETS	P3A				0.000			7.964			25.487			32.082			-			32.082
3 - MB040 - COTS OBSOLESCENCE	P3A				27.072			4.820			-			-			-			-
4 - MB040 BFTT UPGRADE KITS	P3A				17.497			4.687			9.025			3.559			-			3.559
5 - MB040 - TSTC NSST	P3A				4.370			2.669			1.006			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment												P-1 Line Item Nomenclature: 2762 - Other Training Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6 - MB040 - TSTC DCTMS	P3A				9.931			1.306			-			-			-			-
7 - MB040 - LHD 1 WASP	P3A				0.000			2.600			1.121			-			-			-
8 - MB040 - LHD 3 SSDS MK 2 UPGRADE	P3A				0.000			-			-			-			-			-
Total Gross/Weapon System Cost					108.428			34.734			42.911			53.644			-			53.644

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Training Equipment	P40A, P5A, P21				-			-			-			-			-			-
1 - MB040 - ENCRYPTORS	P3A				-			-			-			-			-			5.986
2 - MB040 - BFTT SHIP SETS	P3A				34.728			33.441			32.701			32.896			-			199.299
3 - MB040 - COTS OBSOLESCENCE	P3A				-			-			-			-			-			31.892
4 - MB040 BFTT UPGRADE KITS	P3A				4.902			1.294			2.667			3.024			-			46.655
5 - MB040 - TSTC NSST	P3A				-			-			-			-			-			8.045
6 - MB040 - TSTC DCTMS	P3A				-			-			-			-			-			11.237
7 - MB040 - LHD 1 WASP	P3A				-			-			-			-			-			3.721
8 - MB040 - LHD 3 SSDS MK 2 UPGRADE	P3A				1.308			1.339			-			-			-			2.647
Total Gross/Weapon System Cost					46.344			52.297			44.027			43.240			-			425.625

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment								P-1 Line Item Nomenclature: 2762 - Other Training Equipment							Aggregated Item Name: Other Training Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) MB040 - ACB 16																				
1.1) ACB 16 - AEGIS	A		-	-	-	-	-	-	-	-	-	-	-	0.025	-	-	-	-	-	0.025
1.2) ACB 16 - SSDS	A		-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Subtotal 1) MB040 - ACB 16					-			-			-			0.275			-			0.275
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT																				
2.1) GUAM TRAINERS SCOT	A		-	-	-	-	-	2.400	-	-	-	-	-	-	-	-	-	-	-	-
2.2) MINOR TRAINING SUPPORT EQUIPMENT	A		-	-	3.568	-	-	0.412	-	-	0.307	-	-	0.131	-	-	-	-	-	0.131
2.3) NAV TRAINERS UPDATES, TECH REF	A		-	-	11.403	-	-	1.195	-	-	0.242	-	-	0.517	-	-	-	-	-	0.517
2.4) MRTS SCSS/ CSRR	A		-	-	4.735	-	-	1.084	-	-	-	-	-	0.610	-	-	-	-	-	0.610
2.5) SBT/ISPAN	A		-	-	8.258	-	-	3.250	-	-	3.425	-	-	3.376	-	-	-	-	-	3.376
† 2.6) SSN TO GUAM	A		-	-	-	-	-	-	-	-	-	12,000K	1	12.000	-	-	-	12,000K	1	12.000
Subtotal 2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT					27.964			8.341			3.974			16.634			-			16.634
3) MB050 SUBMARINE SONAR TRAINERS																				
† 3.1) SET	A		1,108K	6	6.649	216,000.00	1	0.216	1,598K	1	1.598	1,094K	1	1.094	-	-	-	1,094K	1	1.094
† 3.2) AAT	A		301,833.33	30	9.055	407,000.00	5	2.035	140,000.00	5	0.700	-	-	-	-	-	-	-	-	-
Subtotal 3) MB050 SUBMARINE SONAR TRAINERS					15.704			2.251			2.298			1.094			-			1.094
Total					43.668			10.592			6.272			18.003			-			18.003

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment						P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Aggregated Item Name: Other Training Equipment				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) MB040 - ACB 16																				
1.1) ACB 16 - AEGIS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) ACB 16 - SSDS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) MB040 - ACB 16</i>					-			-			-			-			-			-
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT																				
2.1) GUAM TRAINERS SCOT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) MINOR TRAINING SUPPORT EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) NAV TRAINERS UPDATES, TECH REF	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) MRTS SCSS/ CSRR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) SBT/ISPAN	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.6) SSN TO GUAM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT</i>					-			-			-			-			-			-
3) MB050 SUBMARINE SONAR TRAINERS																				
† 3.1) SET	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) AAT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) MB050 SUBMARINE SONAR TRAINERS</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Aggregated Item Name: Other Training Equipment				
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT												
†2.6) SSN TO GUAM		2014	ELECTRIC BOAT / NEW LONDON	C / TBD	NAVSEA	Dec 2013	Mar 2015	1	12,000K	N	Feb 2013	
3) MB050 SUBMARINE SONAR TRAINERS												
3.1) SET		2011	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2011	Feb 2011	1	1,553K	Y		
3.1) SET		2012	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2012	Feb 2012	1	216,000.00	Y		
3.1) SET		2013	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2013	Feb 2013	1	1,598K	Y		
3.2) AAT		2011	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2011	Dec 2011	5	130,000.00	Y		
3.2) AAT		2012	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2012	Dec 2012	5	407,000.00	N	Feb 2011	
3.2) AAT		2013	NSWC CD / BETHESDA, MD	Reqn	NSWC CD	Feb 2013	Dec 2013	5	140,000.00	N	Feb 2012	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment													Aggregated Item Name: Other Training Equipment												
Items <i>(Units in Each)</i>							Fiscal Year 2011													Fiscal Year 2012															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011																Calendar Year 2012												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT																																			
2.6) SSN TO GUAM																																			
	15	2014	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment													Aggregated Item Name: Other Training Equipment										
Items (Units in Each)							Fiscal Year 2013													Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT																																	
2.6) SSN TO GUAM																																	
	15	2014	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Aggregated Item Name: Other Training Equipment											
Items (Units in Each)							Fiscal Year 2015										Fiscal Year 2016														
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
2) MB044 SUBMARINE TRAINING SUPPORT EQUIPMENT																															
2.6) SSN TO GUAM																															
	15	2014	NAVY	1	-	1	-	-	-	-	-	-	1																	-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment	P-1 Line Item Nomenclature: 2762 - Other Training Equipment	Aggregated Item Name: Other Training Equipment

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ELECTRIC BOAT - NEW LONDON	-	-	-	-	3	15	18	-	-	-	-

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MB040 - ENCRYPTORS		
Models of Systems Affected: Encryptors				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5.890	0.096	-	-	-	-	-	-	-	-	-	5.986
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	5.890	0.096	-	-	-	-	-	-	-	-	-	5.986
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	5.890	0.096	-	-	-	-	-	-	-	-	-	5.986
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Encryptor funds procure the replacement of the current BFTT NES. FY 12 - The last encryptor installations were accomplished on surface ships.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (Modification Number - Modification Title): 1 - MB040 - ENCRYPTORS					
Models of Systems Affected: Encryptors				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
MB040 - ENCRYPTORS													
B Kits													
Recurring													
1.1.1) ENCRYPTORS - NonOrganic	113 / 5.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 5.774	
Subtotal Recurring	113 / 5.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 5.774	
Total, MB040 - ENCRYPTORS	113 / 5.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 5.774	
Total Procurement, All Modifications	113 / 5.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 5.774	
Total Procurement and Support	5.774	-	-	-	-	-	-	-	-	-	-	5.774	
MB040 - ENCRYPTORS Installation Cost	- / 0.116	- / 0.096	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.212	
Total Installation Cost	- / 0.116	- / 0.096	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.212	
Total Cost (Procurement + Support + Installation)	5.890	0.096	-	-	-	-	-	-	-	-	-	5.986	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MB040 - ENCRYPTORS											
Models of Systems Affected: Encryptors										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - ENCRYPTORS																															
Manufacturer Name: New MFG - Name													Manufacturer Location: New MFG - Loc																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 0																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jun 2011																													
Delivery Dates		Sep 2011																													
Installation: MB040 - ENCRYPTORS										Method of Implementation: AIT										Installation Name: ENCRYPTORS											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		108 / 0.116		5 / 0.096		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		113 / 0.212					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		108 / 0.116		5 / 0.096		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		113 / 0.212					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	108	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113
Out	106	1	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (Modification Number - Modification Title): 2 - MB040 - BFTT SHIP SETS				
Models of Systems Affected: BFTT SHIP SETS - T46D'S			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	7.964	25.487	32.082	-	32.082	34.728	33.441	32.701	32.896	-	199.299
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	7.964	25.487	32.082	-	32.082	34.728	33.441	32.701	32.896	-	199.299
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	7.964	25.487	32.082	-	32.082	34.728	33.441	32.701	32.896	-	199.299
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

The Battle Force Tactical Training (BFTT) Program provides realistic joint warfare training across the spectrum of armed conflict; realistic unit level team training in all warfare areas; a means to link ships together which are in different homeports for coordinated training; external stimulation of shipboard training systems; and simulation of non-shipboard forces. BFTT uses a distributed architecture, integrating existing training systems, and uses Distributed Interactive Simulation (DIS) and High Level Architecture (HLA) protocols. BFTT provides ships' Commanding Officers and Battle Group/Battle Force Commanders with the ability to conduct coordinated realistic, high stress, combat system level team training as an integral part of the Afloat Training Groups (ATGs), the Tactical Training Groups and C2F/C3F Fleet Synthetic Training (FSTs) exercises. The Total Ship Training Capability (TSTC) integrates existing and emergent onboard training and assessment system capabilities to simulate realistic, "train like you fight", combat-like conditions across weapon sensor and combat systems. Migration to TSTC improvements is required to ensure continued, persistent FST interoperability. Commercial off the Shelf (COTS) Obsolescence mitigates replacement and upgrade of obsolete and out-of-production COTS components in BFTT systems installed throughout the Fleet to include the AN/USQ-T46D upgrade. BFTT T46D is a core component of the TSTC.

FY12 - Provided funding for the procurement and installation of the AN/USQ-T46D systems and subsequent variants as the solution to the COTS obsolescence issue, therefore the COTS Obsolescence funding was realigned/renamed "BFTT Ship Sets" starting in FY12. BFTT Ship Set funding procured (7) T46D's and subsequent variants of hardware and software Build 3.5 series in support of AN/SQQ-89A(V)15 ACB 11, AEGIS ACB 12, LSD 41/49.

FY13 - BFTT Ship Set funding will procure (20) T46D's and subsequent variants of hardware and software Build 3.5 series in support of AN/SQQ-89A(V)15 ACB 11, AEGIS ACB 12, LSD 41/49. Installation funding supports installation of (7) BFTT AN/USQ-T46D Systems.

FY14 - BFTT Ship Set funding will procure (20) T46D's and subsequent variants of hardware and software Build 3.5 series in support of AN/SQQ-89A(V)15 ACB 11, AEGIS ACB 12, LSD 41/49. Installation funding supports installation of (20) BFTT AN/USQ-T46D Systems.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment	P-1 Line Item Nomenclature: 2762 - Other Training Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - MB040 - BFTT SHIP SETS
Models of Systems Affected: BFTT SHIP SETS - T46D'S	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0204571N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MB040 - BFTT SHIP SETS				
Models of Systems Affected: BFTT SHIP SETS - T46D'S				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 - BFTT SHIP SETS												
B Kits												
Recurring												
1.1.1) BFTT SHIP SETS - NonOrganic	- / -	7 / 7.964	20 / 20.920	20 / 20.980	- / -	20 / 20.980	22 / 23.114	20 / 20.772	20 / 21.144	20 / 21.339	- / -	129 / 136.233
<i>Subtotal Recurring</i>	- / -	7 / 7.964	20 / 20.920	20 / 20.980	- / -	20 / 20.980	22 / 23.114	20 / 20.772	20 / 21.144	20 / 21.339	- / -	129 / 136.233
<i>Total, MB040 - BFTT SHIP SETS</i>	- / -	7 / 7.964	20 / 20.920	20 / 20.980	- / -	20 / 20.980	22 / 23.114	20 / 20.772	20 / 21.144	20 / 21.339	- / -	129 / 136.233
<i>Total Procurement, All Modifications</i>	- / -	7 / 7.964	20 / 20.920	20 / 20.980	- / -	20 / 20.980	22 / 23.114	20 / 20.772	20 / 21.144	20 / 21.339	- / -	129 / 136.233
<i>Total Procurement and Support</i>	-	7.964	20.920	20.980	-	20.980	23.114	20.772	21.144	21.339	-	136.233
MB040 - BFTT SHIP SETS Installation Cost	- / 0.000	- / -	- / 4.567	- / 11.102	- / -	- / 11.102	- / 11.614	- / 12.669	- / 11.557	- / 11.557	- / -	- / 63.066
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 4.567	- / 11.102	- / -	- / 11.102	- / 11.614	- / 12.669	- / 11.557	- / 11.557	- / -	- / 63.066
Total Cost (Procurement + Support + Installation)	0.000	7.964	25.487	32.082	-	32.082	34.728	33.441	32.701	32.896	-	199.299

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (Modification Number - Modification Title): 2 - MB040 - BFTT SHIP SETS											
Models of Systems Affected: BFTT SHIP SETS - T46D'S										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - BFTT SHIP SETS																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (in Months): 3														Production Leadtime (in Months): 9																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Jun 2012				Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016					
Delivery Dates						Sep 2012				Sep 2013				Sep 2014				Sep 2015				Sep 2016				Sep 2017					
Installation: MB040 - BFTT SHIP SETS														Method of Implementation: AIT										Installation Name: BFTT SHIP SETS							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		7 / 4.567		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 4.567					
FY 2013		- / -		- / -		- / -		20 / 11.102		- / -		20 / 11.102		- / -		- / -		- / -		- / -		- / -		- / -		20 / 11.102					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		20 / 11.614		- / -		- / -		- / -		- / -		- / -		20 / 11.614					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		22 / 12.669		- / -		- / -		- / -		- / -		22 / 12.669					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / 11.557		- / -		- / -		- / -		20 / 11.557					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / 11.557		- / -		- / -		20 / 11.557					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / -		20 / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		7 / 4.567		20 / 11.102		- / -		20 / 11.102		20 / 11.614		22 / 12.669		20 / 11.557		20 / 11.557		20 / -		129 / 63.066							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	2	2	3	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	20	129
Out	-	-	-	-	-	-	1	2	4	4	6	5	5	4	6	5	4	5	5	5	5	3	6	6	8	-	6	6	8	20	129

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MB040 - COTS OBSOLESCENCE				
Models of Systems Affected: COTS OBSOLESCENCE			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	27.072	4.820	-	-	-	-	-	-	-	-	-	31.892
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	27.072	4.820	-	-	-	-	-	-	-	-	-	31.892
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	27.072	4.820	-	-	-	-	-	-	-	-	-	31.892
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: BFTT COTS OBSOLESCENCE includes various systems components and/or total systems procured as part of the technology refresh strategy due to the different classes of ships in the Fleet and the multiple variants developed within the three BFTT system baselines to support their configurations. Commercial Off the Shelf (COTS) Obsolescence mitigates replacement and upgrade of obsolete and out-of-production COTS components in BFTT systems installed throughout the Fleet to include the AN/USQ-T46D upgrade. FY12 - Funding was provided for the procurement and installation of the AN/USQ-T46D systems and subsequent variants as the solution to the COTS obsolescence issue, therefore the COTS Obsolescence funding was zeroed and a new line was established titled "BFTT Ship Sets" starting in FY12. Installation funding supported installation of (7) COTS obsolescence hardware kits (replacement of specific components) and AN/USQ-T46D Systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MB040 - COTS OBSOLESCENCE					
Models of Systems Affected: COTS OBSOLESCENCE				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 - COTS OBSOLESCENCE												
B Kits												
Recurring												
1.1.1) COTS OBSOLESCENCE - NonOrganic	47 / 22.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 22.682
Subtotal Recurring	47 / 22.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 22.682
Total, MB040 - COTS OBSOLESCENCE	47 / 22.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 22.682
Total Procurement, All Modifications	47 / 22.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 22.682
Total Procurement and Support	22.682	-	-	-	-	-	-	-	-	-	-	22.682
MB040 - COTS OBSOLESCENCE Installation Cost	- / 4.390	- / 4.820	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.210
Total Installation Cost	- / 4.390	- / 4.820	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.210
Total Cost (Procurement + Support + Installation)	27.072	4.820	-	-	-	-	-	-	-	-	-	31.892

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MB040 - COTS OBSOLESCENCE											
Models of Systems Affected: COTS OBSOLESCENCE										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - COTS OBSOLESCENCE																															
Manufacturer Name: VARIOUS													Manufacturer Location: VARIOUS																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 6																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2010																													
Delivery Dates		Sep 2011																													
Installation: MB040 - COTS OBSOLESCENCE										Method of Implementation: AIT										Installation Name: COTS OBSOLESCENCE											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		37 / 4.390		10 / 4.820		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		47 / 9.210					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		37 / 4.390		10 / 4.820		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		47 / 9.210					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	37	5	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47
Out	37	5	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (Modification Number - Modification Title): 4 - MB040 BFTT UPGRADE KITS				
Models of Systems Affected: Battle Force Tactical Training Upgrade Kits			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	17.497	4.687	9.025	3.559	-	3.559	4.902	1.294	2.667	3.024	-	46.655
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	17.497	4.687	9.025	3.559	-	3.559	4.902	1.294	2.667	3.024	-	46.655
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	17.497	4.687	9.025	3.559	-	3.559	4.902	1.294	2.667	3.024	-	46.655
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
BFTT upgrade Kits: Procures various quantities of upgrade kit/Engineering Change Proposal (ECP) system components. Upgrade Kits and interface upgrades implement Fleet prioritized warfighting training improvements to the BFTT systems in order to meet evolving combat system capabilities. Training system improvements are a critical factor in achieving warfighter competencies and mission readiness. Unit costs are various.												
FY12 - Upgrade Kit funding procured and integrated various BFTT upgrades to include the HLA Gateway, BEWT 3.2C & 3.3B, BFTT 3.4, TSSS 2.2E & 2.3.1 ECPs and the BEWT/SEWIP upgrade, and integrated various BFTT system components/kits as well as completed system removal/upgrade of AN/USQ-T46(V)/A hardware. Installation funding supported installation of various training system hardware/software upgrades (ECPs/FCs) on surface ships.												
FY13 - Upgrade Kit funding will procure and integrate various BFTT upgrades to include the HLA Gateway, Battle Force Tactical Training Electronic Warfare Trainer (BEWT) Baseline 3.2C & 3.3B upgrades, BFTT Baseline 3.3.1, 3.3.1A and 3.3.2 upgrades, TSSS Baseline 2.2E & 2.3.1 ECPs, and the BEWT/Surface Electronic Warfare Improvement Program (SEWIP) upgrade and integrate various BFTT system components/kits as well as complete system removal/upgrade of AN/USQ-T46(V)/A hardware. Installation funding supports installation of various training system hardware/software upgrades (ECPs/FCs) on surface ships.												
FY14 - Upgrade Kit funding will procure and integrate various BFTT upgrades to include the HLA Gateway, Battle Force Tactical Training Electronic Warfare Trainer (BEWT) Baseline 3.2C & 3.3B upgrades, BFTT Baseline 3.3.1, 3.3.1A and 3.3.2 upgrades, TSSS Baseline 2.2E & 2.3.1 ECPs, and the BEWT/Surface Electronic Warfare Improvement Program (SEWIP) upgrade and integrate various BFTT system components/kits as well as complete system removal/upgrade of AN/USQ-T46(V)/A hardware. Installation funding supports installation of various training system hardware/software upgrades (ECPs/FCs) on surface ships.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment	P-1 Line Item Nomenclature: 2762 - Other Training Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - MB040 BFTT UPGRADE KITS
Models of Systems Affected: Battle Force Tactical Training Upgrade Kits	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0204571N

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment		P-1 Line Item Nomenclature: 2762 - Other Training Equipment		Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - MB040 BFTT UPGRADE KITS	
Models of Systems Affected: Battle Force Tactical Training Upgrade Kits		Type Modification: [No Modification Type Specified]		Related RDT&E PEs: 0204571N	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 BFTT UPGRADE KITS												
B Kits												
Recurring												
1.1.1) BFTT UPGRADE KITS - NonOrganic	199 / 16.698	48 / 3.916	187 / 5.539	142 / 1.127	- / -	142 / 1.127	117 / 3.515	88 / 0.160	33 / 2.226	25 / 2.704	- / -	839 / 35.885
<i>Subtotal Recurring</i>	199 / 16.698	48 / 3.916	187 / 5.539	142 / 1.127	- / -	142 / 1.127	117 / 3.515	88 / 0.160	33 / 2.226	25 / 2.704	- / -	839 / 35.885
<i>Total, MB040 BFTT UPGRADE KITS</i>	199 / 16.698	48 / 3.916	187 / 5.539	142 / 1.127	- / -	142 / 1.127	117 / 3.515	88 / 0.160	33 / 2.226	25 / 2.704	- / -	839 / 35.885
<i>Total Procurement, All Modifications</i>	199 / 16.698	48 / 3.916	187 / 5.539	142 / 1.127	- / -	142 / 1.127	117 / 3.515	88 / 0.160	33 / 2.226	25 / 2.704	- / -	839 / 35.885
<i>Total Procurement and Support</i>	16.698	3.916	5.539	1.127	-	1.127	3.515	0.160	2.226	2.704	-	35.885
MB040 BFTT UPGRADE KITS Installation Cost	- / 0.799	- / 0.771	- / 3.486	- / 2.432	- / -	- / 2.432	- / 1.387	- / 1.134	- / 0.441	- / 0.320	- / -	- / 10.770
<i>Total Installation Cost</i>	- / 0.799	- / 0.771	- / 3.486	- / 2.432	- / -	- / 2.432	- / 1.387	- / 1.134	- / 0.441	- / 0.320	- / -	- / 10.770
Total Cost (Procurement + Support + Installation)	17.497	4.687	9.025	3.559	-	3.559	4.902	1.294	2.667	3.024	-	46.655

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - MB040 BFTT UPGRADE KITS											
Models of Systems Affected: Battle Force Tactical Training Upgrade Kits										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 BFTT UPGRADE KITS																															
Manufacturer Name: VARIOUS														Manufacturer Location: VARIOUS																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017					
Delivery Dates		Dec 2011				Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017					
Installation: MB040 BFTT UPGRADE KITS														Method of Implementation: AIT										Installation Name: BFTT UPGRADE KITS							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		199 / 0.799		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		199 / 0.799					
FY 2012		- / -		48 / 0.771		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		48 / 0.771					
FY 2013		- / -		- / -		187 / 3.486		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		187 / 3.486					
FY 2014		- / -		- / -		- / -		142 / 2.432		- / -		142 / 2.432		- / -		- / -		- / -		- / -		- / -		- / -		142 / 2.432					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		117 / 1.387		- / -		- / -		- / -		- / -		- / -		117 / 1.387					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		88 / 1.134		- / -		- / -		- / -		- / -		88 / 1.134					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		33 / 0.441		- / -		- / -		- / -		33 / 0.441					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		25 / 0.320		- / -		- / -		25 / 0.320					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		199 / 0.799		48 / 0.771		187 / 3.486		142 / 2.432		- / -		142 / 2.432		117 / 1.387		88 / 1.134		33 / 0.441		25 / 0.320		- / -		- / -		839 / 10.770					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	199	12	12	12	12	47	47	47	46	33	37	37	35	27	31	30	29	22	22	22	22	9	8	8	8	6	6	6	7	-	839
Out	199	10	12	13	13	47	47	47	46	33	37	37	35	28	29	34	26	22	22	22	22	8	8	8	9	5	7	6	7	-	839

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment			P-1 Line Item Nomenclature: 2762 - Other Training Equipment					Modification Nomenclature (Modification Number - Modification Title): 5 - MB040 - TSTC NSST				
Models of Systems Affected: Total Ship Training Capability Naval Seamanship Shiphhandling Trainers			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.370	2.669	1.006	-	-	-	-	-	-	-	-	8.043
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4.370	2.669	1.006	-	-	-	-	-	-	-	-	8.043
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.370	2.669	1.006	-	-	-	-	-	-	-	-	8.043
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The Navigation Seamanship and Shiphhandling Trainer (NSST) is the navigation/ship control component of the Total Ship Training System (TSTC); SCD 376. The TSTC integrates existing and emergent onboard training and assessment system capabilities to simulate realistic, "train like you fight", combat-like conditions across weapon sensor and combat systems. Migration to TSTC improvements is required to ensure continued, persistent FST interoperability. One of the training systems under this capability includes the Navigation Seamanship and Shiphhandling Trainer (NSST).												
FY12 - TSTC NSST funds procured (8) NSST's and provided ILS support for DDG 51, CG 47, LSD 41/49, FFG, and CVN 68 Class ships. Installation funding supported installation of TSTC components including NSST on CG-47, DDG-51, LSD 41/49, FFG, and CVN 68 Class ships.												
FY13 - TSTC NSST procurement funds were realigned to cover BFTT procurements in FY13 and out. Installation funding supports installation of (8) TSTC components including NSST on CG-47, DDG-51, LSD 41/49, FFG, and CVN 68 Class ships.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment		P-1 Line Item Nomenclature: 2762 - Other Training Equipment		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - MB040 - TSTC NSST	
Models of Systems Affected: Total Ship Training Capability Naval Seamanship Shiphhandling Trainers		Type Modification: [No Modification Type Specified]		Related RDT&E PEs: 0204571N	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 - TSTC NSST												
B Kits												
Recurring												
1.1.1) MB040 NSST - NonOrganic	32 / 3.595	8 / 1.868	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 5.463
<i>Subtotal Recurring</i>	32 / 3.595	8 / 1.868	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 5.463
<i>Total, MB040 - TSTC NSST</i>	32 / 3.595	8 / 1.868	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 5.463
<i>Total Procurement, All Modifications</i>	32 / 3.595	8 / 1.868	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 5.463
<i>Total Procurement and Support</i>	3.595	1.868	-	-	-	-	-	-	-	-	-	5.463
MB040 - TSTC NSST Installation Cost	- / 0.775	- / 0.801	- / 1.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.582
<i>Total Installation Cost</i>	- / 0.775	- / 0.801	- / 1.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.582
Total Cost (Procurement + Support + Installation)	4.370	2.669	1.006	-	-	-	-	-	-	-	-	8.045

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - MB040 - TSTC NSST											
Models of Systems Affected: Total Ship Training Capability Naval Seamanship Shiphandling Trainers										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - TSTC NSST																															
Manufacturer Name: Kongsberg														Manufacturer Location: Mystic, CT																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 6																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jun 2011				Jun 2012																									
Delivery Dates		Mar 2012				Mar 2013																									
Installation: MB040 - TSTC NSST										Method of Implementation: AIT										Installation Name: MB040 NSST											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		26 / 0.775		6 / 0.801		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		32 / 1.576					
FY 2012		- / -		- / -		8 / 1.006		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.006					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		26 / 0.775		6 / 0.801		8 / 1.006		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		40 / 2.582					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	26	-	4	1	1	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Out	26	-	4	1	1	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment			P-1 Line Item Nomenclature: 2762 - Other Training Equipment					Modification Nomenclature (Modification Number - Modification Title): 6 - MB040 - TSTC DCTMS				
Models of Systems Affected: Total Ship Training Capability Damage Control Training Management System			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9.931	1.306	-	-	-	-	-	-	-	-	-	11.237
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9.931	1.306	-	-	-	-	-	-	-	-	-	11.237
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.931	1.306	-	-	-	-	-	-	-	-	-	11.237
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The Damage Control Training and Management System (DCTMS) is the damage control tactical component of the Total Ship Training Capability (TSTC) SCD 39. Prior Year (PY 2008) Installation Costs included in procurement. The Total Ship Training Capability (TSTC) integrates existing and emergent onboard training and assessment system capabilities to simulate realistic, "train like you fight", combat-like conditions across weapon sensor and combat systems. Migration to TSTC improvements is required to ensure continued, persistent FST interoperability. The training systems included under this capability include the DCTMS. FY12 - TSTC DCTMS funds procured (3) DCTMS TSTC components and ILS support for DDG 51, CG 47, LSD 41/49, FFG, and CVN 68 Class ships. Installation funding supported installation of TSTC components including DCTMS on CG-47, DDG-51, LSD 41/49, FFG, and CVN 68 Class ships. DCTMS funding was realigned to cover BFTT T46D requirements FY13 and out.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment		P-1 Line Item Nomenclature: 2762 - Other Training Equipment		Modification Nomenclature (Modification Number - Modification Title): 6 - MB040 - TSTC DCTMS	
Models of Systems Affected: Total Ship Training Capability Damage Control Training Management System		Type Modification: [No Modification Type Specified]		Related RDT&E PEs: 0204571N	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 - TSTC DCTMS												
B Kits												
Recurring												
1.1.1) TSTC - DCTMS - NonOrganic	20 / 9.461	4 / 0.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 10.247
<i>Subtotal Recurring</i>	20 / 9.461	4 / 0.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 10.247
<i>Total, MB040 - TSTC DCTMS</i>	20 / 9.461	4 / 0.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 10.247
<i>Total Procurement, All Modifications</i>	20 / 9.461	4 / 0.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 10.247
<i>Total Procurement and Support</i>	9.461	0.786	-	-	-	-	-	-	-	-	-	10.247
MB040 - TSTC DCTMS Installation Cost	- / 0.470	- / 0.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.990
<i>Total Installation Cost</i>	- / 0.470	- / 0.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.990
Total Cost (Procurement + Support + Installation)	9.931	1.306	-	-	-	-	-	-	-	-	-	11.237

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - MB040 - TSTC DCTMS											
Models of Systems Affected: Total Ship Training Capability Damage Control Training Management System										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - TSTC DCTMS																															
Manufacturer Name: Naval Surface Warfare Center													Manufacturer Location: Carderock, MD																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 4																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Nov 2010																													
Delivery Dates		Mar 2011																													
Installation: MB040 - TSTC DCTMS													Method of Implementation: AIT										Installation Name: TSTC - DCTMS								
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		20 / 0.470		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / 0.470					
FY 2012		- / -		4 / 0.520		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.520					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		20 / 0.470		4 / 0.520		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		24 / 0.990					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	20	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
Out	20	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - MB040 - LHD 1 WASP			
Models of Systems Affected: [No Model Specified]			Type Modification: LHD 1 WASP						Related RDT&E PEs: 0204571N			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	2.600	1.121	-	-	-	-	-	-	-	-	3.721
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	2.600	1.121	-	-	-	-	-	-	-	-	3.721
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	2.600	1.121	-	-	-	-	-	-	-	-	3.721
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procure a complete AN/USQ-T46D System for the LHD 1 WASP. FY12 - Funding procured 1 full BFTT Ship Set for the LHD 1 WASP. FY13 - Funding was provided to complete the procurement of 1 full BFTT Ship Set for the LHD 1 WASP. Installation funding supports the installation of this LHD 1 WASP.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment					Modification Nomenclature (Modification Number - Modification Title): 7 - MB040 - LHD 1 WASP				
Models of Systems Affected: [No Model Specified]				Type Modification: LHD 1 WASP					Related RDT&E PEs: 0204571N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
MB040 - LHD 1 WASP													
B Kits													
Recurring													
1.1.1) LHD 1 WASP - NonOrganic	- / -	1 / 2.600	- / 0.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.196	
Subtotal Recurring	- / -	1 / 2.600	- / 0.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.196	
Total, MB040 - LHD 1 WASP	- / -	1 / 2.600	- / 0.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.196	
Total Procurement, All Modifications	- / -	1 / 2.600	- / 0.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.196	
Total Procurement and Support	-	2.600	0.596	-	-	-	-	-	-	-	-	3.196	
MB040 - LHD 1 WASP Installation Cost	- / 0.000	- / -	- / 0.525	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.525	
Total Installation Cost	- / 0.000	- / -	- / 0.525	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.525	
Total Cost (Procurement + Support + Installation)	0.000	2.600	1.121	-	-	-	-	-	-	-	-	3.721	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment										P-1 Line Item Nomenclature: 2762 - Other Training Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - MB040 - LHD 1 WASP											
Models of Systems Affected: [No Model Specified]										Type Modification: LHD 1 WASP										Related RDT&E PEs: 0204571N											
Manufacturer Information: MB040 - LHD 1 WASP																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 9																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Dec 2011																									
Delivery Dates						Sep 2012																									
Installation: MB040 - LHD 1 WASP										Method of Implementation: AIT										Installation Name: LHD 1 WASP											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		1 / 0.525		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.525					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		1 / 0.525		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.525					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment				P-1 Line Item Nomenclature: 2762 - Other Training Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - MB040 - LHD 3 SSDS MK 2 UPGRADE				
Models of Systems Affected: LHD 3 Ship Self Defense System MK 2 Upgrade				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.308	1.339	-	-	-	2.647
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.308	1.339	-	-	-	2.647
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.308	1.339	-	-	-	2.647
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Procure a complete AN/USQ-T46D System for the LHD 3 Ship Self Defense System (SSDS) MK 2 Upgrade. Installation funding supports the installation of the LHD 3.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment	P-1 Line Item Nomenclature: 2762 - Other Training Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 8 - MB040 - LHD 3 SSDS MK 2 UPGRADE

Models of Systems Affected: LHD 3 Ship Self Defense System MK 2 Upgrade			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0204571N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MB040 - LHD 3 SSDS MK 2 UPGRADE												
B Kits												
Recurring												
1.1.1) LHD 3 SSDS MK 2 UPGRADE - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.308	- / 0.650	- / -	- / -	- / -	1 / 1.958
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.308	- / 0.650	- / -	- / -	- / -	1 / 1.958
<i>Total, MB040 - LHD 3 SSDS MK 2 UPGRADE</i>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.308	- / 0.650	- / -	- / -	- / -	1 / 1.958
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.308	- / 0.650	- / -	- / -	- / -	1 / 1.958
<i>Total Procurement and Support</i>	-	-	-	-	-	-	1.308	0.650	-	-	-	1.958
MB040 - LHD 3 SSDS MK 2 UPGRADE Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.689	- / -	- / -	- / -	- / 0.689
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.689	- / -	- / -	- / -	- / 0.689
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	1.308	1.339	-	-	-	2.647

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 8: Training Equipment								P-1 Line Item Nomenclature: 2762 - Other Training Equipment								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - MB040 - LHD 3 SSDS MK 2 UPGRADE															
Models of Systems Affected: LHD 3 Ship Self Defense System MK 2 Upgrade								Type Modification: [No Modification Type Specified]								Related RDT&E PEs: 0204571N															
Manufacturer Information: MB040 - LHD 3 SSDS MK 2 UPGRADE																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 9																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																		Dec 2014													
Delivery Dates																		Sep 2015													
Installation: MB040 - LHD 3 SSDS MK 2 UPGRADE								Method of Implementation: AIT								Installation Name: LHD 3 SSDS MK 2 UPGRADE															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.689		- / -		- / -		- / -		1 / 0.689					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.689		- / -		- / -		- / -		1 / 0.689					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2815 - MATCALs

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	236.868	13.368	5.861	7.461	-	7.461	15.086	7.777	6.425	6.527	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	236.868	13.368	5.861	7.461	-	7.461	15.086	7.777	6.425	6.527	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	236.868	13.368	5.861	7.461	-	7.461	15.086	7.777	6.425	6.527	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION: Marine Air Traffic Control and Landing Systems (MATCALs) is a fully automated all-weather expeditionary terminal Air Traffic Control (ATC) System that provides arrival/departure and enroute surveillance control, automated precision approach and landing control or Ground Controlled Approach, Tactical Air Navigation (TACAN), and other ATC services. MATCALs satisfies the operational requirements set forth by Specific Operational Requirements (SOR) 34-22 of 12 Jul 1973; Marine Remote Area Approach and Landing System SOR 34-26 of 30 Apr 1975; Remote Landing Site Tower (RLST) Operational Requirements Document (ORD) 341-88-93 of 25 Jul 1997; and Air Traffic Navigation Integration and Coordination System ORD 05-002 of 03 Dec 1992.

MATCALs, with other Marine Air Command and Control Systems (MACCS) and federal agencies, provides the ability to project air combat power in the Amphibious Operations Area (AOA) without regard to weather. ATC and landing automation reduces air traffic controllers' traffic handling and management time, allowing more time for mission response and task accomplishment. It supports a required increase in aircraft sortie rates and contributes to extended time on target. The system provides for integration of ATC into the total MACCS.

MATCALs has three primary subsystems: (1) Air Traffic Control Subsystem (ATCS) consisting of an AN/TPS-73 Airport Surveillance Radar (ASR) and various peripheral equipment; (2) All-Weather Landing Subsystem consisting of an AN/TPN-22 Precision Approach Landing Radar, AN/UYK-44 computer and peripheral equipment; and (3) the Control and Communications Subsystem (AN/TSQ-131) with a Communications Control Group, radios, computer software, multi mode displays and peripherals. Other Fleet Marine Force ATC equipment supported by the MATCALs funding line are the AN/TSQ-120 Tower, AN/TRN-44 TACAN, AN/TPN-30 Marine Remote Area Approach & Landing Set (MRAALS), the AN/TSQ-216 RLST, Maintenance Shelters, Distance/Azimuth Measure Equipment (D/AME), and various related items.

A portion of the current MATCALs equipment is being transitioned to the Air Surveillance and Precision Approach Radar Control Systems (ASPARCS) (MROC decision memorandum 11-2005 dated 8 December 2004). ASPARCS consists of an ASR, which will replace the AN/TPS-73; a Precision Approach Radar, which will replace the AN/TPN-22; and a Command and Control (C2) Node, which will replace the AN/TSQ-131. ASPARCS will provide greater mobility, transportability, reliability, maintainability, and interoperability with Marine Corps/Navy Command and Control Systems than the current MATCALs. An Acquisition Decision Memorandum was signed January 2005, approving the procurement of the Army AN/TPN-31 system to fulfill the ASPARCS requirement.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2815 - MATCALs									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements:									

MDAP/MAIS Code(s):

The Air Traffic Navigation Integration and Coordination System (ATNAVICS) ASR Range Extension is funded to meet requirements identified in the ATC ICD, MROC DM 75-7007, MACC OAG and HQMC APX-25 Requirement Clarification letter dated 05 Jan 2010. This is a new start in FY 2012. The gaps identified require sustainment of legacy sensor capability until such time as ATNAVICS P3I initiatives enhance system capability to support main air base traffic density and airspace. Additionally, the positive control enabled by increased ASR range reduces separation enabling increased sortie rates.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
MATCALs	P40A				236.868			9.531			2.181			3.669			-			3.669
1 - AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)	P3A				0.000			3.837			3.680			3.792			-			3.792
Total Gross/Weapon System Cost					236.868			13.368			5.861			7.461			-			7.461
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
MATCALs	P40A				-			-			-			-			-			-
1 - AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)	P3A				11.039			3.924			4.142			2.635			-			33.049
Total Gross/Weapon System Cost					15.086			7.777			6.425			6.527	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2014 provides funding to procure various Maintainability Reliability Improvements (MJ427), 2 AN/TPN-31A ATNAVICS ASR Range Extensions (MJ455), and associated support.

FY 2013 provides funding to procure various Maintainability/Reliability Improvements (MJ427), 2 AN/TPN-31A ATNAVICS ASR Range Extensions (MJ455), and associated support.

FY 2012 provides funding to procure various Maintainability/Reliability Improvements (MJ427), ATNAVICS ASR Range Extension PE and ILS, and associated support.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2815 - MATCALs							Aggregated Item Name: MATCALs					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) HARDWARE																				
1.1) AN/TSQ-216 Tower (RLST - OCO) (MJ429)	A		2,223K	1	2.223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) MATCALs Radio ASPARCS PRC-117F - OCO (MJ433)	A		39,000.00	14	0.546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) ASPARCS (MJ434)	A		6,683K	13	86.882	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) ASPARCS - OCO (MJ434)	A		8,625K	3	25.875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) AN/TSQ-120B TOWER - OCO (MJ439)	A		2,544K	1	2.544	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) D/AME AN/TRN-47 MANPORTABLE TACAN - OCO (MJ440)	A		496,673.08	52	25.827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) LOGISTICS SUPPORT SYSTEM - OCO (MJ441)	A		756,666.67	9	6.810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) MATCALs RADIO ASPARCS PRC-150 - OCO (MJ443)	A		23,000.00	6	0.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) MOBILE FACILITIES - OCO (MJ445)	A		115,000.00	13	1.495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) MATCALs ANCILLIARY EQUIPMENT - OCO (MJ446)	A		-	-	2.744	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) MACS Mobile Team Tactical Lighting - OCO (MJ449)	A		30,769.23	13	0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) C3 Node Kits - OCO (MJ450)	A		870,500.00	4	3.482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.13) AN/TPN-31A ATNAVICS ASR Range Extension (MJ55) ⁽¹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) HARDWARE					158.966			-			-			-			-			-
2) ECP / ECO																				
2.1) MAINT / RELIABILITY IMPROVEMENT (MJ427) ⁽²⁾	A		-	-	46.633	-	-	9.401	-	-	2.058	-	-	3.547	-	-	-	-	-	3.547
Subtotal 2) ECP / ECO					46.633			9.401			2.058			3.547			-			3.547
3) INTEGRATED LOGISTICS SUPPORT																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment							P-1 Line Item Nomenclature: 2815 - MATCALs								Aggregated Item Name: MATCALs					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.1) ILS (MJ800)	A		-	-	7.217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) INTEGRATED LOGISTICS SUPPORT					7.217			-			-			-			-			-
4) PRODUCTION ENGINEERING																				
4.1) PE (MJ830)	A		-	-	19.067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) PRODUCTION ENGINEERING					19.067			-			-			-			-			-
5) ACCEPTANCE TESTING																				
5.1) Acceptance Testing (MJ860)	A		-	-	0.827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) ACCEPTANCE TESTING					0.827			-			-			-			-			-
6) MISCELLANEOUS SUPPORT																				
6.1) Install (MJ900)	B		-	-	3.795	-	-	0.111	-	-	0.104	-	-	0.103	-	-	-	-	-	0.103
6.2) INITIAL TRAINING (MJ990)	A		-	-	0.363	-	-	0.019	-	-	0.019	-	-	0.019	-	-	-	-	-	0.019
Subtotal 6) MISCELLANEOUS SUPPORT					4.158			0.130			0.123			0.122			-			0.122
Total					236.868			9.531			2.181			3.669			-			3.669

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2815 - MATCALs							Aggregated Item Name: MATCALs					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) HARDWARE																				
1.1) AN/TSQ-216 Tower (RLST - OCO) (MJ429)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) MATCALs Radio ASPARCS PRC-117F - OCO (MJ433)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.3) ASPARCS (MJ434)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) ASPARCS - OCO (MJ434)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) AN/TSQ-120B TOWER - OCO (MJ439)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.6) D/AME AN/TRN-47 MANPORTABLE TACAN - OCO (MJ440)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.7) LOGISTICS SUPPORT SYSTEM - OCO (MJ441)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.8) MATCALs RADIO ASPARCS PRC-150 - OCO (MJ443)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.9) MOBILE FACILITIES - OCO (MJ445)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.10) MATCALs ANCILLIARY EQUIPMENT - OCO (MJ446)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.11) MACS Mobile Team Tactical Lighting - OCO (MJ449)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.12) C3 Node Kits - OCO (MJ450)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.13) AN/TPN-31A ATNAVICS ASR Range Extension (MJ55) ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) HARDWARE					-			-			-			-			-		-	
2) ECP / ECO																				
2.1) MAINT / RELIABILITY IMPROVEMENT (MJ427) ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) ECP / ECO					-			-			-			-			-		-	
3) INTEGRATED LOGISTICS SUPPORT																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment						P-1 Line Item Nomenclature: 2815 - MATCALs										Aggregated Item Name: MATCALs				
Items	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.1) ILS (MJ800)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) INTEGRATED LOGISTICS SUPPORT</i>					-			-			-			-			-			-
4) PRODUCTION ENGINEERING																				
4.1) PE (MJ830)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) PRODUCTION ENGINEERING</i>					-			-			-			-			-			-
5) ACCEPTANCE TESTING																				
5.1) Acceptance Testing (MJ860)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) ACCEPTANCE TESTING</i>					-			-			-			-			-			-
6) MISCELLANEOUS SUPPORT																				
6.1) Install (MJ900)	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) INITIAL TRAINING (MJ990)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) MISCELLANEOUS SUPPORT</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) See P-3a for Cost Data. (2) Additional funding in FY2014 is required to resolve emergent Air Traffic Control interoperability and integration issues with the ATC Tower (AN/TSQ-120C and AN/TSQ-216).																				

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2815 - MATCALs				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)			

Models of Systems Affected: MATCALs				Type Modification: Modification				Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	3.837	3.680	3.792	-	3.792	11.039	3.924	4.142	2.635	-	33.049
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	3.837	3.680	3.792	-	3.792	11.039	3.924	4.142	2.635	-	33.049
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	3.837	3.680	3.792	-	3.792	11.039	3.924	4.142	2.635	-	33.049
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Air Traffic Navigation Integration and Coordination System (ATNAVICS) ASR Range Extension is funded to meet requirements identified in the ATC ICD, MROC DM 75-7007, MACC OAG and HQMC APX-25 Requirement Clarification letter dated 05 Jan 2010. The gaps identified require sustainment of legacy sensor capability until such time as ATNAVICS P3I initiatives enhance system capability to support main air base traffic density and airspace. Additionally, the positive control enabled by increased ASR range reduces separation enabling increased sortie rates. The End Item Kits for the ATNAVICS ASR Range Extension that are being procured consist of: ASR transmitter, environmental control unit/power generator, RF transmission line, ASR receiver/exciter and signal data processors and required software code modifications to system LRU's.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2815 - MATCALs						Modification Nomenclature (Modification Number - Modification Title): 1 - AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)			
Models of Systems Affected: MATCALs			Type Modification: Modification					Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)												
B Kits												
Non-Recurring												
1.1.1) EQUIPMENT - NonOrganic ⁽³⁾	- / -	- / -	2 / 2.136	2 / 2.240	- / -	2 / 2.240	6 / 6.624	2 / 2.246	2 / 2.400	1 / 1.282	- / -	15 / 16.928
1.1.2) Integrated Logistics Support - Organic	- / -	- / 0.358	- / 0.140	- / 0.151	- / -	- / 0.151	- / 0.275	- / 0.110	- / 0.117	- / 0.138	- / -	- / 1.289
1.1.3) Production Engineering - Organic	- / -	- / 3.479	- / 0.468	- / 0.445	- / -	- / 0.445	- / 1.113	- / 0.522	- / 0.560	- / 0.640	- / -	- / 7.227
Subtotal Non-Recurring	- / -	- / 3.837	2 / 2.744	2 / 2.836	- / -	2 / 2.836	6 / 8.012	2 / 2.878	2 / 3.077	1 / 2.060	- / -	15 / 25.444
Total, AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)	- / -	- / 3.837	2 / 2.744	2 / 2.836	- / -	2 / 2.836	6 / 8.012	2 / 2.878	2 / 3.077	1 / 2.060	- / -	15 / 25.444
Total Procurement, All Modifications	- / -	- / 3.837	2 / 2.744	2 / 2.836	- / -	2 / 2.836	6 / 8.012	2 / 2.878	2 / 3.077	1 / 2.060	- / -	15 / 25.444
Total Procurement and Support	-	3.837	2.744	2.836	-	2.836	8.012	2.878	3.077	2.060	-	25.444
AN/TPN-31A ATNAVICS ASR Range Extension (MJ455) Installation Cost	- / 0.000	- / -	- / 0.936	- / 0.956	- / -	- / 0.956	- / 3.027	- / 1.046	- / 1.065	- / 0.575	- / -	- / 7.605
Total Installation Cost	- / 0.000	- / -	- / 0.936	- / 0.956	- / -	- / 0.956	- / 3.027	- / 1.046	- / 1.065	- / 0.575	- / -	- / 7.605
Total Cost (Procurement + Support + Installation)	0.000	3.837	3.680	3.792	-	3.792	11.039	3.924	4.142	2.635	-	33.049

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2815 - MATCALs								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)															
Models of Systems Affected: MATCALs				Type Modification: Modification								Related RDT&E PEs: 0604504N																			
Manufacturer Information: AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)																															
Manufacturer Name: Raytheon														Manufacturer Location: Marlborough, MA																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 6																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates				Dec 2012		Dec 2013		Dec 2014		Dec 2015		Dec 2016		Dec 2017																	
Delivery Dates				Jun 2013		Jun 2014		Jun 2015		Jun 2016		Jun 2017		Jun 2018																	
Installation: AN/TPN-31A ATNAVICS ASR Range Extension (MJ455)														Method of Implementation: AIT								Installation Name: EQUIPMENT									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	2 / 0.936	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.936																		
FY 2014		- / -	- / -	- / -	2 / 0.956	- / -	2 / 0.956	- / -	- / -	- / -	- / -	- / -	2 / 0.956																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.027	- / -	- / -	- / -	- / -	6 / 3.027																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.046	- / -	- / -	- / -	2 / 1.046																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.065	- / -	- / -	2 / 1.065																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.575	- / -	1 / 0.575																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	2 / 0.936	2 / 0.956	- / -	2 / 0.956	6 / 3.027	2 / 1.046	2 / 1.065	1 / 0.575	- / -	15 / 7.605																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	3	3	-	-	1	1	-	-	1	1	-	-	1	-	-	15
Out	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	3	3	-	-	1	1	-	-	1	1	-	-	1	-	-	15
Footnotes: ⁽³⁾ Production Engineering and Integrated Logistics Support in FY12 is for Non-recurring Engineering and logistics efforts in preparation for the FY13 procurement.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment							P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.513	0.107	0.383	-	0.383	0.110	0.138	0.279	0.390	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 DESCRIPTION: Shipboard Air Traffic Control (SATC) systems are responsible for safe and expeditious control of air traffic within 50 Nautical Miles of a ship. SATC systems include the air traffic surveillance radar, AN/SPN-43, and the air traffic central tracking and control system, AN/TPX-42, which has two major configurations: Carrier Air Traffic Control Center-Direct Altitude and Identity Readout (CATCC-DAIR) and Amphibious Air Traffic Control Center-Direct Altitude and Identity Readout (AATCC-DAIR). Both DAIR systems use AN/SPN-43 and Identification Friend or Foe (IFF) inputs to track and control aircraft. Obsolescence problems are being addressed through various upgrades in a phased approach. The major upgrades include a series of AN/TPX-42 modification kits requiring various combinations of AN/UYK-44 processor rehost, track processor upgrade, AN/UYQ-70 console, audio recorder, flat panel display, and other components to bring the predecessor system to AN/TPX-42A(V)14 with field changes 1, 2, 3, and 4 configuration and eventually to the Air Traffic Control Console configuration. The AN/SPN-43 radar system is required for the service-life of CVN68-CVN77 & LHA/LHD class ships with no replacement system identified.

FY 2012 provides funding to procure: four AN/TPX-42A(V)14 Upgrade E kits; and four AN/TPX-42(V) FC4 Upgrade kits and associated support.

FY 2013 provides funding to procure: three AN/TPX-42A(V)14 FC4 Upgrade kits; three AN/TPX-42(V) FC5 Upgrade kits; and three AN/SPN-43 Receiver Upgrade kits and associated support.

FY 2014 provides funding to procure: three AN/TPX-42(V) FC4 Upgrade kits; three TPX-42A(V) FC5 Upgrade kits; three TPX-42 Embedded Trainers; three SPN-43 ECP Upgrade kits and associated support.

Installing Agent: Shipyards and Alteration Installation Teams.
 When installation to be made: Selected Restricted Availability (SRA) / Restricted Availability (RAV).
 Ships or facilities to receive the equipment: CVNs, LHD/LHAs, Software Support Activity (NAWCAD, St Inigoes, MD), Integrated Combat System Test Facility (San Diego, CA), Landing Systems Test Facility (NAWCAD, Patuxent River, MD), and training sites.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment												P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)	P3A			175.883			7.394			8.362			9.140			-				9.140	
Total Gross/Weapon System Cost				175.883			7.394			8.362			9.140			-				9.140	
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)	P3A			9.839			9.953			10.241			10.402	Continuing			Continuing				
Total Gross/Weapon System Cost				9.839			9.953			10.241			10.402	Continuing			Continuing				
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control					Modification Nomenclature (Modification Number - Modification Title): 1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)				
Models of Systems Affected: CVNs, L-class			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	175.883	7.394	8.362	9.140	-	9.140	9.839	9.953	10.241	10.402	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The equipment and installation costs on this P-3a are for individual modification programs that do not exceed \$5 million in either budget or \$10 million in three years. This exhibit summarizes procurement and installation for Cost Codes MP023, MP048, MP049, MP050, MP051, and MP052. Line item "Engineering Changes to Correct Deficiencies" captures unanticipated emergent engineering changes. Inventory Objectives for the below modification programs is set forth in the respective CNO letters authorizing each modification.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control					Modification Nomenclature (Modification Number - Modification Title): 1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)				
Models of Systems Affected: CVNs, L-class			Type Modification: Modernization					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)												
B Kits												
Recurring												
2.1.1) TPX-42 UPG, E Kit - NonOrganic	13 / 7.154	4 / 2.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 9.794
2.1.2) TPX-42 UPG, F Kit - NonOrganic	1 / 1.604	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.604
2.1.3) TPX-42 UPG, G Kit - NonOrganic	7 / 8.540	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 8.540
2.1.4) TPX-42 UPG, FC4 - NonOrganic	4 / 0.240	4 / 0.400	3 / 0.315	3 / 0.320	- / -	3 / 0.320	3 / 0.340	3 / 0.350	3 / 0.360	2 / 0.234	- / -	25 / 2.559
2.1.5) TPX-42 UPG, FC5 - NonOrganic	- / -	- / -	3 / 2.828	3 / 2.930	- / -	3 / 2.930	3 / 3.003	3 / 3.000	2 / 2.050	3 / 3.151	8 / 9.371	25 / 26.333
2.1.6) TPX-42 Embedded Trainer - NonOrganic	- / -	- / -	- / -	3 / 0.675	- / -	3 / 0.675	3 / 0.638	4 / 0.925	6 / 1.477	5 / 1.261	4 / 1.038	25 / 6.014
2.1.7) SPN-43 Pitch/Roll Servo - NonOrganic	28 / 1.514	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 1.514
2.1.8) SPN-43 Tilt Meter - NonOrganic	27 / 0.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 0.007
2.1.9) SPN-43 STALO Repl - NonOrganic	28 / 0.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.363
2.1.10) SPN-43 Halyard Protection - NonOrganic	5 / 0.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.018
2.1.11) SPN-43 Bandpass Filter - NonOrganic	2 / 0.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.086
2.1.15) SPN-43 ECP Upgrade - NonOrganic ⁽¹⁾	- / -	- / -	3 / 0.817	3 / 0.831	- / -	3 / 0.831	3 / 0.855	4 / 1.161	4 / 1.200	3 / 0.925	- / -	20 / 5.789
2.1.16) Prior Year Equipment - Organic	- / 136.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 136.015
Subtotal Recurring	115 / 155.541	8 / 3.040	9 / 3.960	12 / 4.756	- / -	12 / 4.756	12 / 4.836	14 / 5.436	15 / 5.087	13 / 5.571	12 / 10.409	210 / 198.636
Total, SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)	115 / 155.541	8 / 3.040	9 / 3.960	12 / 4.756	- / -	12 / 4.756	12 / 4.836	14 / 5.436	15 / 5.087	13 / 5.571	12 / 10.409	210 / 198.636
Total Procurement, All Modifications	115 / 155.541	8 / 3.040	9 / 3.960	12 / 4.756	- / -	12 / 4.756	12 / 4.836	14 / 5.436	15 / 5.087	13 / 5.571	12 / 10.409	210 / 198.636
Support												
3.1) Engineering Changes to Correct Deficiencies	- / 0.419	- / 0.506	- / -	- / -	- / -	- / -	- / 0.329	- / -	- / 0.330	- / -	- / -	- / 1.584
3.2) Integrated Logistics Support	- / 2.086	- / 0.422	- / 0.193	- / 0.192	- / -	- / 0.192	- / 0.249	- / 0.167	- / 0.169	- / 0.196	Continuing	Continuing
3.3) Production Engineering	- / 2.469	- / 0.428	- / 0.359	- / 0.302	- / -	- / 0.302	- / 0.462	- / 0.330	- / 0.463	- / 0.377	Continuing	Continuing
3.4) Quality Assurance	- / 0.448	- / 0.108	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.122	- / 0.125	Continuing	Continuing
3.5) Acceptance Test & Evaluation	- / 0.198	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.198
Total Support, All Modifications	5.620	1.464	0.602	0.544	-	0.544	1.090	0.547	1.084	0.698	-	1.782
Total Procurement and Support	161.161	4.504	4.562	5.300	-	5.300	5.926	5.983	6.171	6.269	10.409	200.418

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LI 2831 - Shipboard Air Traffic Control
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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)											
Models of Systems Affected: CVNs, L-class										Type Modification: Modernization										Related RDT&E PEs:											
Manufacturer Information: SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)																															
Manufacturer Name: NAWCAD															Manufacturer Location: Patuxent River, MD																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 6																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Apr 2012				Apr 2013				Apr 2014																					
Delivery Dates		Oct 2012				Oct 2013				Oct 2014																					
Installation: SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)										Method of Implementation: Field Change Install Team										Installation Name: SATC Modernization Kit Summary											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		107 / 14.722	8 / 2.890		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		115 / 17.612								
FY 2012		- / -	- / -		8 / 3.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 3.800								
FY 2013		- / -	- / -		- / -		9 / 3.840		- / -		9 / 3.840		- / -		- / -		- / -		- / -		- / -		9 / 3.840								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		12 / 3.913		- / -		- / -		- / -		- / -		12 / 3.913								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		12 / 3.970		- / -		- / -		- / -		12 / 3.970								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 4.070		- / -		- / -		14 / 4.070								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 4.133		- / -		15 / 4.133								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 3.126		13 / 3.126								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 3.741		12 / 3.741								
Total		107 / 14.722	8 / 2.890		8 / 3.800		9 / 3.840		- / -		9 / 3.840		12 / 3.913		12 / 3.970		14 / 4.070		15 / 4.133		25 / 6.867		210 / 48.205								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	107	2	2	2	2	2	2	2	2	2	3	3	1	3	4	4	1	3	4	4	1	5	4	4	1	5	5	4	1	25	210
Out	107	2	2	2	2	2	2	2	2	2	3	3	1	3	4	4	1	3	4	4	1	5	4	4	1	5	5	4	1	25	210
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2831 - Shipboard Air Traffic Control	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - SATC Modernization Kit Summary (MP023, MP048, MP049, MP050, MP051, MP052)
Models of Systems Affected: CVNs, L-class	Type Modification: Modernization	Related RDT&E PEs:
⁽¹⁾ SPN-43 has shifted from Service Life Extension Program (SLEP) to a replacement program. With this shift, funding for Receivers and Pedestals was shifted to SPN-43 bridging ECPs to sustain the capability of the SPN-43 until the replacement program is complete. IOC for replacement program is FY2021, FOC is FY2027.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment							P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	62.767	17.018	15.685	20.798	-	20.798	20.049	19.340	19.799	20.127	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	62.767	17.018	15.685	20.798	-	20.798	20.049	19.340	19.799	20.127	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	62.767	17.018	15.685	20.798	-	20.798	20.049	19.340	19.799	20.127	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.857	0.381	0.978	-	0.978	0.539	0.578	0.033	0.059	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
The Automatic Carrier Landing System (ACLS) provides the primary precision electronic guidance for landing aircraft under all weather conditions on CVNs, LHAs, LHDs and selected Naval Air Stations. Many of the components in the system have been in service for more than twenty years. This program funds maintainability, reliability and supportability improvements to existing equipment components that can no longer be maintained and supported, as well as items providing upgraded operational capability. AN/SPN-46 Life Cycle Extension (LCE) sustainment efforts will be supplemented with other changes, as necessary, to offset obsolescence and supportability issues, the need for Commercial Off-The-Shelf (COTS) refresh, and to support system interface requirements. LCE efforts include Radar Control Group Unit 19, Embedded Global Positioning System and Inertial Navigation System (EGI) replacement, Computer Group replacement, Radar Receiver set replacement, Peripheral Display replacement, and Common Console replacement efforts. AN/SPN-41 LCE sustainment efforts will be supplemented with other changes, as necessary, to offset obsolescence and supportability issues and to support systems interface requirements. Additionally, the AN/SPN-41 system is the Joint Precision Approach and Landing System (JPALS) back-up system.

FY 2012 provides funding to procure six ACLS modification kits (PN408) which includes one AN/SPN-46 Unit 13 MCG Modification Kit, four AN/SPN-46 RAM Pole Modification Kits and one AN/SPN-35 UPS Modification Kit. Also, FY12 procures six AN/SPN-46(V)3 EGI Modification Kits (PN411), two AN/SPN-46(V)3 Common Console Modification Kits (PN415), four AN/SPN-41(V)Transmitter Modification Kits (PN416), one AN/SPN-41(V) Coder Monitor Modification Kit (PN417), three AN/SPN-41(V) Electronic Drawer Assembly Modification Kits (PN418).

FY 2013 provides funding to procure two AN/SPN-46 RAM Pole ACLS Modification kits (PN408), two AN/SPN-46(V)3 EGI Modification Kits (PN411), one AN/SPN-46(V)3 Radar Set Group Modification Kits (PN413), four AN/SPN-46(V)3 Peripheral Display Kits (PN414), one AN/SPN-46(V)3 Common Console Modification Kit (PN415), four AN/SPN-41(V) Transmitter Modification Kits (PN416), four AN/SPN-41(V) Coder Monitor Modification Kit (PN417), four AN/SPN-41(V) Electronic Drawer Assembly Modification Kit (PN418), and four AN/SPN-41 Radome Hardware Upgrade Modification Kits (PN419).

FY 2014 provides funding to procure fourteen ACLS Modification Kits (PN408) which includes two AN/SPN-46 RAM Pole Modification Kits, ten COTS Refresh Kits and two AN/SPN-35 Receiver Transmitters Modification Kits. Also, FY14 procures one AN/SPN-46(V)3 EGI Modification Kits (PN411), two AN/SPN-46(V)3 Radar Set Group Modification Kits (PN413), three AN/SPN-46(V)3 Peripheral Display Kits (PN414), five AN/SPN-41(V) Transmitter Modification Kit (PN416), four AN/SPN-41(V) Coder Monitor Modification Kits (PN417), four AN/SPN-41(V) Electronic Drawer Assembly Modification Kits (PN418), and five AN/SPN-41(V)Radome Upgrade Hardware Modification Kits (PN419).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									

MDAP/MAIS Code(s):

Installing Agent: Shipyards and Alteration Installation Teams (AITs).
Ships or facilities to receive equipment: CVNs, LHAs, LHDs, the In-Service Engineering Agent (ISEA-NAWCAD, St. Inigoes), selected shore sites and the training site.
Note: Prior year total amount only accounts for items funded in the current FYDP.

[P3A / AN/SPN-41 Transmitter MOD (LCE) PN416]: In previous annual budgets the AN/SPN-41 Transmitter Mod (PN416) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.

[P3A / AN/SPN-41 Coder Monitor (LCE) PN417]: In previous annual budgets the AN/SPN-41 Coder Monitor (PN417) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.

[P3A / AN/SPN-41 Electronic Drawer Assembly (LCE) PN418]: In previous annual budgets the AN/SPN-41 Electronic Drawer Assembly (PN418) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.

[P3A / AN/SPN-41 Radome Hardware Upgrade (LCE) PN419]: In previous annual budgets the AN/SPN-41 Radome Hardware Upgrade (PN419) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - ACLS MOD KITS SUMMARY PN408	P3A				26.773			2.328			1.329			5.764			-			5.764
2 - AN/SPN-46 (V) 3 EGI PN411	P3A				2.764			2.017			1.503			0.923			-			0.923
3 - AN/SPN-46 (V)3 Computer Group (LCE) PN412	P3A				3.815			0.758			0.584			-			-			-
4 - AN/SPN-46 (V)3 Radar Set Group PN413	P3A				4.857			2.369			2.214			4.119			-			4.119
5 - AN/SPN-46 (V)3 Peripheral Display (LCE) PN414	P3A				3.213			0.589			1.064			1.178			-			1.178
6 - AN/SPN-46 Common Console(V)3 LCE PN415	P3A				8.050			1.804			1.156			0.180			-			0.180

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment											P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:							Other Related Program Elements:								
MDAP/MAIS Code(s):																					
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
7 - AN/SPN-41 Transmitter MOD (LCE) PN416	P3A				0.888			1.501			1.165			1.443			-			1.443	
8 - AN/SPN-41 Coder Monitor (LCE) PN417	P3A				3.601			2.363			2.606			2.858			-			2.858	
9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418	P3A				7.473			3.144			2.605			2.517			-			2.517	
10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419	P3A				1.333			0.145			1.459			1.816			-			1.816	
Total Gross/Weapon System Cost					62.767			17.018			15.685			20.798			-			20.798	
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - ACLS MOD KITS SUMMARY PN408	P3A				2.941			9.112			14.288			20.085	Continuing			Continuing			
2 - AN/SPN-46 (V) 3 EGI PN411	P3A				0.318			-			-			-			-			7.525	
3 - AN/SPN-46 (V)3 Computer Group (LCE) PN412	P3A				-			-			-			-			-			5.157	
4 - AN/SPN-46 (V)3 Radar Set Group PN413	P3A				4.558			6.224			1.459			-			-			25.800	
5 - AN/SPN-46 (V)3 Peripheral Display (LCE) PN414	P3A				0.267			-			-			-			-			6.311	
6 - AN/SPN-46 Common Console(V)3 LCE PN415	P3A				-			-			-			-			-			11.190	
7 - AN/SPN-41 Transmitter MOD (LCE) PN416	P3A				1.503			0.355			0.051			-			-			6.906	
8 - AN/SPN-41 Coder Monitor (LCE) PN417	P3A				4.124			1.335			0.611			-			-			17.498	
9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418	P3A				4.123			1.335			2.238			-			-			23.435	
10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419	P3A				2.215			0.979			1.152			0.042			-			9.141	
Total Gross/Weapon System Cost					20.049			19.340			19.799			20.127	Continuing			Continuing			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): *Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification:		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - ACLS MOD KITS SUMMARY PN408				
Models of Systems Affected: CVN's L-class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.773	2.328	1.329	5.764	-	5.764	2.941	9.112	14.288	20.085	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.773	2.328	1.329	5.764	-	5.764	2.941	9.112	14.288	20.085	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.773	2.328	1.329	5.764	-	5.764	2.941	9.112	14.288	20.085	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The equipment and installation costs on this P-3a are for individual modification programs for AN/SPN-35/41/46 systems. Line item "Engineering Changes to Correct Deficiencies" captures anticipated emergent engineering changes. PMA 213 configuration control board approves inventory objectives. Contract and Delivery dates are various.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (Modification Number - Modification Title): 1 - ACLS MOD KITS SUMMARY PN408				
Models of Systems Affected: CVN's L-class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ACLS MOD KITS SUMMARY PN408												
A Kits												
Non-Recurring												
1.1.1) AN/SPN-46 TS-3098 - NonOrganic	16 / 1.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 1.670
1.1.2) AN/SPN-41 XMTR MOD - NonOrganic	52 / 0.543	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 0.543
1.1.3) AN/SPN-46 COTS Refresh - NonOrganic	- / -	- / -	- / -	10 / 4.305	- / -	10 / 4.305	6 / 0.555	11 / 1.583	11 / 2.872	21 / 5.876	25 / 8.000	84 / 23.191
1.1.4) AN/SPN-46 Obsolescence - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.989	10 / 4.188	30 / 8.186	- / -	43 / 13.363
1.1.5) AN/SPN-46 RAM Pole - NonOrganic	3 / 0.211	4 / 0.140	2 / 0.070	2 / 0.070	- / -	2 / 0.070	1 / 0.035	- / -	- / -	- / -	- / -	12 / 0.526
1.1.6) AN/SPN-46 Unit 13 MCG - NonOrganic	11 / 0.286	1 / 0.026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.312
1.1.7) AN/SPN-41 TILS System Integration (LCE) - NonOrganic	1 / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.503
1.1.8) AN/SPN-35 Shock Mod - NonOrganic	11 / 1.597	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 1.597
1.1.9) AN/SPN-35 Antenna Stabilization - NonOrganic	15 / 0.711	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.711
1.1.10) AN/SPN-35 UPS Mod - NonOrganic	9 / 0.391	1 / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.424
1.1.11) AN/SPN-35 Fiber Optic Mod - NonOrganic	7 / 0.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.081
1.1.12) AN/SPN-35 ACD Mod - NonOrganic	5 / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.003
1.1.13) AN/SPN-35 XMTR Assembly - NonOrganic	4 / 0.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.819
1.1.14) AN/SPN-35 Receiver Transmitter Mod - NonOrganic	- / -	- / -	- / -	2 / 0.028	- / -	2 / 0.028	4 / 0.056	5 / 0.070	- / -	- / -	- / -	11 / 0.154
1.1.15) AN/SPN-46 Radar Control Group Backfit (LCE) - NonOrganic	1 / 0.205	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.205
Subtotal Non-Recurring	135 / 7.020	6 / 0.199	2 / 0.070	14 / 4.403	- / -	14 / 4.403	11 / 0.646	19 / 2.642	21 / 7.060	51 / 14.062	25 / 8.000	284 / 44.102
Total, ACLS MOD KITS SUMMARY PN408	135 / 7.020	6 / 0.199	2 / 0.070	14 / 4.403	- / -	14 / 4.403	11 / 0.646	19 / 2.642	21 / 7.060	51 / 14.062	25 / 8.000	284 / 44.102
Total Procurement, All Modifications	135 / 7.020	6 / 0.199	2 / 0.070	14 / 4.403	- / -	14 / 4.403	11 / 0.646	19 / 2.642	21 / 7.060	51 / 14.062	25 / 8.000	284 / 44.102
Support												
2.1) Engineering Changes to Correct Deficiencies ECO	- / 3.851	- / 0.921	- / 0.496	- / 0.548	- / -	- / 0.548	- / 1.256	- / 2.843	- / 1.804	- / 1.125	Continuing	Continuing
2.2) Integrated Logistics Support	- / 2.536	- / 0.400	- / 0.408	- / 0.550	- / -	- / 0.550	- / 0.250	- / 0.200	- / 1.426	- / 0.625	Continuing	Continuing
2.3) Production Engineering	- / 9.775	- / 0.558	- / 0.061	- / 0.128	- / -	- / 0.128	- / 0.115	- / 2.480	- / 1.800	- / 1.600	Continuing	Continuing
2.4) Quality Assurance	- / 0.385	- / 0.083	- / 0.075	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.088	- / 0.113	Continuing	Continuing
2.5) Acceptance, Test and Evaluation	- / 0.150	- / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.211
Total Support, All Modifications	16.697	2.023	1.040	1.326	-	1.326	1.721	5.623	5.118	3.463	-	0.211

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System		Modification Nomenclature (Modification Number - Modification Title): 1 - ACLS MOD KITS SUMMARY PN408	
Models of Systems Affected: CVN's L-class, selected shore sites		Type Modification: Modernization			
				Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Procurement and Support</i>	23.717	2.222	1.110	5.729	-	5.729	2.367	8.265	12.178	17.525	8.000	44.313
ACLS MOD KITS SUMMARY PN408 Installation Cost	- / 3.056	- / 0.106	- / 0.219	- / 0.035	- / -	- / 0.035	- / 0.574	- / 0.847	- / 2.110	- / 2.560	- / 3.870	- / 13.377
<i>Total Installation Cost</i>	- / 3.056	- / 0.106	- / 0.219	- / 0.035	- / -	- / 0.035	- / 0.574	- / 0.847	- / 2.110	- / 2.560	- / 3.870	- / 13.377
Total Cost (Procurement + Support + Installation)	26.773	2.328	1.329	5.764	-	5.764	2.941	9.112	14.288	20.085	11.870	57.690

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System		Modification Nomenclature (Modification Number - Modification Title): 1 - ACLS MOD KITS SUMMARY PN408	
Models of Systems Affected: CVN's L-class, selected shore sites		Type Modification: Modernization			
				Related RDT&E PEs:	

Manufacturer Information: ACLS MOD KITS SUMMARY PN408							
Manufacturer Name: NAWCAD ⁽¹⁾				Manufacturer Location: Patuxent River, MD			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Dec 2012	Dec 2013	Dec 2014				

Installation: ACLS MOD KITS SUMMARY PN408				Method of Implementation: AIT Alteration Installation Team				Installation Name: ACLS MOD KITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	131 / 3.056	4 / 0.106	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 3.162
FY 2012	- / -	- / -	6 / 0.219	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.219
FY 2013	- / -	- / -	- / -	2 / 0.035	- / -	2 / 0.035	- / -	- / -	- / -	- / -	- / -	2 / 0.035
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.574	- / -	- / -	- / -	- / -	14 / 0.574
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.847	- / -	- / -	- / -	11 / 0.847
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 2.110	- / -	- / -	19 / 2.110
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 2.560	- / -	21 / 2.560
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 2.150	51 / 2.150
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 1.720	25 / 1.720
Total	131 / 3.056	4 / 0.106	6 / 0.219	2 / 0.035	- / -	2 / 0.035	14 / 0.574	11 / 0.847	19 / 2.110	21 / 2.560	76 / 3.870	284 / 13.377

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	131	-	-	4	-	-	-	6	-	-	-	2	-	-	5	9	-	-	-	11	-	-	7	10	2	-	5	8	8	76	284
Out	131	-	-	4	-	-	-	6	-	-	-	2	-	-	5	9	-	-	-	11	-	-	7	10	2	-	5	8	8	76	284

Footnotes:
⁽¹⁾ Contract and Delivery dates are various. Realignment of AN/SPN-41 Transmitter (PN416), AN/SPN-41 Coder Monitor (PN417), AN/SPN-41 Electronic Drawer (PN418) and AN/SPN-41 Radome (PN419) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - ACLS MOD KITS SUMMARY PN408
Models of Systems Affected: CVN's L-class, selected shore sites	Type Modification: Modernization	Related RDT&E PEs:
as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 2 - AN/SPN-46 (V) 3 EGI PN411				
Models of Systems Affected: CVNs, L-class, selected shore sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.764	2.017	1.503	0.923	-	0.923	0.318	-	-	-	-	7.523
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.764	2.017	1.503	0.923	-	0.923	0.318	-	-	-	-	7.523
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.764	2.017	1.503	0.923	-	0.923	0.318	-	-	-	-	7.523
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The equipment and installation costs on this P-3a are for individual modification programs. This modification is part of the AN/SPN-46(V)3 Life Cycle Extension program. The ASN/139 Carrier Aircraft Inertial Navigation System (CAINS) units used by the AN/SPN-46 (V) as ships motion sensors (P/O Units 17/18) are nearing the end of their service life and are being replaced in the fleet by the ASN/172 Embedded GPS and Inertial Navigation System (EGI). The CAINS units require periodic updates of latitude and longitude that the AN/SPN-46 obtains from GPS receivers in unit 17/18. The EGI ECP will provide supportable sensors for the AN/SPN-46 (V) until the 2020 time frame and allow for the elimination of the GPS receivers in units 17 and 18.The inventory objective for this item is thirteen, of which twelve are OPN-funded and one SCN-funded. PMA-213 configuration control board approves inventory objectives.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (Modification Number - Modification Title): 2 - AN/SPN-46 (V) 3 EGI PN411					
Models of Systems Affected: CVNs, L-class, selected shore sites				Type Modification: Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-46 (V) 3 EGI PN411													
B Kits													
Recurring													
2.1.1) AN/SPN-46(V)3 EGI (LCE) PN411 - NonOrganic	3 / 0.603	6 / 0.963	2 / 0.470	1 / 0.255	- / -	1 / 0.255	- / -	- / -	- / -	- / -	- / -	12 / 2.291	
Subtotal Recurring	3 / 0.603	6 / 0.963	2 / 0.470	1 / 0.255	- / -	1 / 0.255	- / -	- / -	- / -	- / -	- / -	12 / 2.291	
Total, AN/SPN-46 (V) 3 EGI PN411	3 / 0.603	6 / 0.963	2 / 0.470	1 / 0.255	- / -	1 / 0.255	- / -	- / -	- / -	- / -	- / -	12 / 2.291	
Total Procurement, All Modifications	3 / 0.603	6 / 0.963	2 / 0.470	1 / 0.255	- / -	1 / 0.255	- / -	- / -	- / -	- / -	- / -	12 / 2.291	
Support													
3.1) Integrated Logistics Support	- / 0.714	- / 0.048	- / 0.017	- / 0.015	- / -	- / 0.015	- / 0.015	- / -	- / -	- / -	- / -	- / 0.809	
3.2) Production Engineering	- / 1.335	- / 0.332	- / 0.261	- / 0.220	- / -	- / 0.220	- / 0.076	- / -	- / -	- / -	- / -	- / 2.224	
3.3) Quality Assurance	- / 0.030	- / 0.011	- / 0.011	- / 0.010	- / -	- / 0.010	- / 0.015	- / -	- / -	- / -	- / -	- / 0.077	
3.4) Initial Training	- / -	- / 0.052	- / 0.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.107	
3.5) Acceptance Test & Evaluation	- / 0.049	- / 0.272	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.321	
Total Support, All Modifications	2.128	0.715	0.344	0.245	-	0.245	0.106	-	-	-	-	3.538	
Total Procurement and Support	2.731	1.678	0.814	0.500	-	0.500	0.106	-	-	-	-	5.829	
AN/SPN-46 (V) 3 EGI PN411 Installation Cost	- / 0.033	- / 0.339	- / 0.689	- / 0.423	- / -	- / 0.423	- / 0.212	- / -	- / -	- / -	- / -	- / 1.696	
Total Installation Cost	- / 0.033	- / 0.339	- / 0.689	- / 0.423	- / -	- / 0.423	- / 0.212	- / -	- / -	- / -	- / -	- / 1.696	
Total Cost (Procurement + Support + Installation)	2.764	2.017	1.503	0.923	-	0.923	0.318	-	-	-	-	7.525	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/SPN-46 (V) 3 EGI PN411											
Models of Systems Affected: CVNs, L-class, selected shore sites										Type Modification: Reliability										Related RDT&E PEs:											
Manufacturer Information: AN/SPN-46 (V) 3 EGI PN411																															
Manufacturer Name: NAWCAD														Manufacturer Location: Patuxent River, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012				Dec 2013																					
Delivery Dates		Dec 2012				Dec 2013				Dec 2014																					
Installation: AN/SPN-46 (V) 3 EGI PN411										Method of Implementation: Alteration Installation Team (AIT)										Installation Name: AN/SPN-46(V)3 EGI (LCE) PN411											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		1 / 0.033		2 / 0.339		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.372					
FY 2012		- / -		- / -		6 / 0.689		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.689					
FY 2013		- / -		- / -		- / -		2 / 0.423		- / -		2 / 0.423		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.423					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.212		- / -		- / -		- / -		- / -		- / -		1 / 0.212					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		1 / 0.033		2 / 0.339		6 / 0.689		2 / 0.423		- / -		2 / 0.423		1 / 0.212		- / -		- / -		- / -		- / -		- / -		12 / 1.696					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1	-	-	2	-	-	-	-	6	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Out	1	-	-	2	-	-	-	-	6	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	12

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/SPN-46 (V)3 Computer Group (LCE) PN412				
Models of Systems Affected: CVNs, L-class, selected shore sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.815	0.758	0.584	-	-	-	-	-	-	-	-	5.157
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.815	0.758	0.584	-	-	-	-	-	-	-	-	5.157
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.815	0.758	0.584	-	-	-	-	-	-	-	-	5.157
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The equipment and installation costs on this P-3a are for individual modification programs. This modification is part of the AN/SPN-46(V)3 Life Cycle Extension program. In response to the increasingly difficult-to-maintain and antiquated CMS 2 software language and to preclude any degradation to the functionality of AN/SPN-46(V)3 in the Fleet by 2010, the CMS2 software language will be converted to mature, higher order language (HOL) C. This effort will leverage the new Radar Control Group (RCG) open architecture by re-hosting the HOL C software on a new Versa Module Eurocard (VME) circuit card that will reside in the Unit 19 VME chassis. The obsolete AN/AYK-14 computers, which currently reside in units 17 and 18, will be eliminated, providing additional space for Maintenance Assistance Modules (MAMs) storage. The inventory objective for this item is thirteen, of which ten are OPN-funded, two are RDT&E and one SCN-funded. PMA-213 configuration control board approves inventory objectives.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 3 - AN/SPN-46 (V)3 Computer Group (LCE) PN412				
Models of Systems Affected: CVNs, L-class, selected shore sites			Type Modification: Reliability						Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-46 (V)3 Computer Group (LCE) PN412													
B Kits													
Recurring													
2.1.1) AN/SPN-46 Computer Group - NonOrganic	10 / 2.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.031	
Subtotal Recurring	10 / 2.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.031	
Total, AN/SPN-46 (V)3 Computer Group (LCE) PN412	10 / 2.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.031	
Total Procurement, All Modifications	10 / 2.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.031	
Support													
3.1) Integrated Logistic Support	- / 0.310	- / 0.011	- / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.326	
3.2) Production Engineering	- / 0.615	- / 0.096	- / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.733	
3.3) Quality Assurance	- / 0.027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.027	
3.4) Initial Training	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.045	
Total Support, All Modifications	0.997	0.107	0.027	-	-	-	-	-	-	-	-	1.131	
Total Procurement and Support	3.028	0.107	0.027	-	-	-	-	-	-	-	-	3.162	
AN/SPN-46 (V)3 Computer Group (LCE) PN412 Installation Cost	- / 0.787	- / 0.651	- / 0.557	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.995	
Total Installation Cost	- / 0.787	- / 0.651	- / 0.557	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.995	
Total Cost (Procurement + Support + Installation)	3.815	0.758	0.584	-	-	-	-	-	-	-	-	5.157	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/SPN-46 (V)3 Computer Group (LCE) PN412															
Models of Systems Affected: CVNs, L-class, selected shore sites								Type Modification: Reliability								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-46 (V)3 Computer Group (LCE) PN412																															
Manufacturer Name: NAWCAD														Manufacturer Location: Patuxent River, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: AN/SPN-46 (V)3 Computer Group (LCE) PN412								Method of Implementation: Alteration Installation Team (AIT)								Installation Name: AN/SPN-46 Computer Group															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		6 / 0.787		2 / 0.651		2 / 0.557		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 1.995					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		6 / 0.787		2 / 0.651		2 / 0.557		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 1.995					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Out	6	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - AN/SPN-46 (V)3 Radar Set Group PN413				
Models of Systems Affected: CVNs and selected shore sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	4.857	2.369	2.214	4.119	-	4.119	4.558	6.224	1.459	-	-	25.800
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	4.857	2.369	2.214	4.119	-	4.119	4.558	6.224	1.459	-	-	25.800
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	4.857	2.369	2.214	4.119	-	4.119	4.558	6.224	1.459	-	-	25.800
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The equipment and installation costs on this P-3a are for individual modification programs. This modification is part of the AN/SPN-46(V)3 Life Cycle Extension program. The current AN/SPN-46 (V) 3 receiver houses both Ka and X-band components that are densely packaged. Maintenance on these units is difficult with a high probability of damaging components because of this dense packaging. Some of the RF components are 1960s technology and are no longer manufactured. The Radar Set Group re-packages the RF components using more modern and smaller components thus making the unit much easier to maintain and support. The inventory objective for this item is thirteen, of which eleven are OPN-funded and two SCN-funded. PMA-213 configuration control board approves inventory objectives.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 4 - AN/SPN-46 (V)3 Radar Set Group PN413				
Models of Systems Affected: CVNs and selected shore sites				Type Modification: Reliability					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-46 (V)3 Radar Set Group PN413													
B Kits													
Recurring													
2.1.1) AN/SPN-46 (V)3 Radar Set Group PN413 - NonOrganic	1 / 4.475	- / -	1 / 1.175	2 / 2.280	- / -	2 / 2.280	3 / 3.420	4 / 4.560	- / -	- / -	- / -	11 / 15.910	
Subtotal Recurring	1 / 4.475	- / -	1 / 1.175	2 / 2.280	- / -	2 / 2.280	3 / 3.420	4 / 4.560	- / -	- / -	- / -	11 / 15.910	
Total, AN/SPN-46 (V)3 Radar Set Group PN413	1 / 4.475	- / -	1 / 1.175	2 / 2.280	- / -	2 / 2.280	3 / 3.420	4 / 4.560	- / -	- / -	- / -	11 / 15.910	
Total Procurement, All Modifications	1 / 4.475	- / -	1 / 1.175	2 / 2.280	- / -	2 / 2.280	3 / 3.420	4 / 4.560	- / -	- / -	- / -	11 / 15.910	
Support													
3.1) Integrated Logistic Support	- / 0.272	- / 0.062	- / 0.070	- / 0.022	- / -	- / 0.022	- / 0.086	- / 0.005	- / 0.005	- / -	- / -	- / 0.522	
3.2) Production Engineering ⁽²⁾	- / -	- / 2.213	- / 0.593	- / 0.613	- / -	- / 0.613	- / 0.429	- / 0.773	- / 0.548	- / -	- / -	- / 5.169	
3.3) Acceptance Test & Evaluation	- / -	- / 0.019	- / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.369	
3.4) Quality Assurance	- / 0.040	- / 0.025	- / 0.006	- / 0.012	- / -	- / 0.012	- / -	- / -	- / -	- / -	- / -	- / 0.083	
3.5) Initial Training	- / -	- / 0.050	- / 0.020	- / 0.025	- / -	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / 0.095	
Total Support, All Modifications	0.312	2.369	1.039	0.672	-	0.672	0.515	0.778	0.553	-	-	6.238	
Total Procurement and Support	4.787	2.369	2.214	2.952	-	2.952	3.935	5.338	0.553	-	-	22.148	
AN/SPN-46 (V)3 Radar Set Group PN413 Installation Cost	- / 0.070	- / -	- / -	- / 1.167	- / -	- / 1.167	- / 0.623	- / 0.886	- / 0.906	- / -	- / -	- / 3.652	
Total Installation Cost	- / 0.070	- / -	- / -	- / 1.167	- / -	- / 1.167	- / 0.623	- / 0.886	- / 0.906	- / -	- / -	- / 3.652	
Total Cost (Procurement + Support + Installation)	4.857	2.369	2.214	4.119	-	4.119	4.558	6.224	1.459	-	-	25.800	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/SPN-46 (V)3 Radar Set Group PN413															
Models of Systems Affected: CVNs and selected shore sites								Type Modification: Reliability								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-46 (V)3 Radar Set Group PN413																															
Manufacturer Name: NAWCAD														Manufacturer Location: Patuxent River, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Dec 2012				Dec 2013																					
Delivery Dates						Dec 2013				Dec 2014																					
Installation: AN/SPN-46 (V)3 Radar Set Group PN413														Method of Implementation: Alteration Installation Team (AIT)										Installation Name: AN/SPN-46 (V)3 Radar Set Group PN413							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		1 / 0.070		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.070					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		1 / 0.592		- / -		1 / 0.592		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.592					
FY 2014		- / -		- / -		- / -		- / 0.575		- / -		- / 0.575		2 / 0.623		- / -		- / -		- / -		- / -		- / -		2 / 1.198					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.886		- / -		- / -		- / -		- / -		3 / 0.886					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.906		- / -		- / -		- / -		4 / 0.906					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		1 / 0.070		- / -		- / -		1 / 1.167		- / -		1 / 1.167		2 / 0.623		3 / 0.886		4 / 0.906		- / -		- / -		- / -		11 / 3.652					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	2	1	-	-	4	-	-	-	-	-	11
Out	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	2	1	-	-	4	-	-	-	-	-	11
Footnotes: ⁽²⁾ Note: The large disparity in PE for FY12 relative to FY13 was predominately due to the level of integration engineering required to effectively implement the necessary changes as well as the amount of regression testing required to clearly establish the final approach.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AN/SPN-46 (V)3 Peripheral Display (LCE) PN414				
Models of Systems Affected: CVNs and selected shore sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.213	0.589	1.064	1.178	-	1.178	0.267	-	-	-	-	6.311
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.213	0.589	1.064	1.178	-	1.178	0.267	-	-	-	-	6.311
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.213	0.589	1.064	1.178	-	1.178	0.267	-	-	-	-	6.311
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The equipment and installation costs on this P-3a are for individual modification programs. This modification is part of the AN/SPN-46(V)3 Life Cycle Extension program. The peripheral upgrade ECP replaces the fixed format displays with programmable displays eliminating the Standard Electronic Module (SEM) and providing total flexibility in format and content of displayed data. The inventory objective for this item is thirteen, of which eleven are OPN-funded and two SCN-funded. PMA-213 configuration control board approves inventory objectives.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System						Modification Nomenclature (Modification Number - Modification Title): 5 - AN/SPN-46 (V)3 Peripheral Display (LCE) PN414			
Models of Systems Affected: CVNs and selected shore sites				Type Modification: Reliability					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-46 (V)3 Peripheral Display (LCE) PN414													
B Kits													
Recurring													
2.1.1) AN/SPN-46(V)3 Peripheral Display (LCE) - NonOrganic	4 / 0.671	- / -	4 / 0.616	3 / 0.448	- / -	3 / 0.448	- / -	- / -	- / -	- / -	- / -	11 / 1.735	
Subtotal Recurring	4 / 0.671	- / -	4 / 0.616	3 / 0.448	- / -	3 / 0.448	- / -	- / -	- / -	- / -	- / -	11 / 1.735	
Total, AN/SPN-46 (V)3 Peripheral Display (LCE) PN414	4 / 0.671	- / -	4 / 0.616	3 / 0.448	- / -	3 / 0.448	- / -	- / -	- / -	- / -	- / -	11 / 1.735	
Total Procurement, All Modifications	4 / 0.671	- / -	4 / 0.616	3 / 0.448	- / -	3 / 0.448	- / -	- / -	- / -	- / -	- / -	11 / 1.735	
Support													
3.1) Integrated Logistic Support	- / 0.355	- / 0.017	- / 0.132	- / 0.010	- / -	- / 0.010	- / 0.010	- / -	- / -	- / -	- / -	- / 0.524	
3.2) Production Engineering	- / 1.947	- / 0.295	- / 0.267	- / 0.134	- / -	- / 0.134	- / 0.037	- / -	- / -	- / -	- / -	- / 2.680	
3.3) Quality Assurance	- / 0.040	- / 0.007	- / 0.004	- / 0.006	- / -	- / 0.006	- / -	- / -	- / -	- / -	- / -	- / 0.057	
3.4) Initial Training	- / -	- / 0.050	- / 0.045	- / 0.030	- / -	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / 0.125	
Total Support, All Modifications	2.342	0.369	0.448	0.180	-	0.180	0.047	-	-	-	-	3.386	
Total Procurement and Support	3.013	0.369	1.064	0.628	-	0.628	0.047	-	-	-	-	5.121	
AN/SPN-46 (V)3 Peripheral Display (LCE) PN414 Installation Cost	- / 0.200	- / 0.220	- / -	- / 0.550	- / -	- / 0.550	- / 0.220	- / -	- / -	- / -	- / -	- / 1.190	
Total Installation Cost	- / 0.200	- / 0.220	- / -	- / 0.550	- / -	- / 0.550	- / 0.220	- / -	- / -	- / -	- / -	- / 1.190	
Total Cost (Procurement + Support + Installation)	3.213	0.589	1.064	1.178	-	1.178	0.267	-	-	-	-	6.311	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AN/SPN-46 (V)3 Peripheral Display (LCE) PN414															
Models of Systems Affected: CVNs and selected shore sites								Type Modification: Reliability								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-46 (V)3 Peripheral Display (LCE) PN414																															
Manufacturer Name: NAWCAD														Manufacturer Location: Patuxent River, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Dec 2012				Dec 2013																					
Delivery Dates						Dec 2013				Dec 2014																					
Installation: AN/SPN-46 (V)3 Peripheral Display (LCE) PN414								Method of Implementation: Alteration Installation Team (AIT)								Installation Name: AN/SPN-46(V)3 Peripheral Display (LCE)															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		2 / 0.200		2 / 0.220		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.420					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		4 / 0.550		- / -		4 / 0.550		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.550					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.220		- / -		- / -		- / -		- / -		- / -		3 / 0.220					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		2 / 0.200		2 / 0.220		- / -		4 / 0.550		- / -		4 / 0.550		3 / 0.220		- / -		- / -		- / -		- / -		- / -		11 / 1.190					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	2	-	2	-	-	-	-	-	-	-	-	4	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Out	2	-	2	-	-	-	-	-	-	-	-	4	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	11

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 6 - AN/SPN-46 Common Console(V)3 LCE PN415				
Models of Systems Affected: CVNs and selected shore sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.050	1.804	1.156	0.180	-	0.180	-	-	-	-	-	11.190
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.050	1.804	1.156	0.180	-	0.180	-	-	-	-	-	11.190
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.050	1.804	1.156	0.180	-	0.180	-	-	-	-	-	11.190
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The equipment and installation costs on this P-3a are for individual modification programs. This modification is part of the AN/SPN-46(V)3 Life Cycle Extension program. The console replacements for one maintenance and two operator AN/SPN-46(V)3 consoles will have the same functionality and capability as the existing fielded consoles. Current consoles are the number two top readiness system degraders and consistently appear in the top 10 Commander Naval Air Pacific (CNAP) Casualty Report (CASREP) List. The replacement consoles, a variant of the OD-22/TPX-42(V) Field Change 3 (FC3) console, readily support HOL C and CMS 2 languages. This ensures that replacement consoles are available for ships that require the console upgrade, before the CMS 2 to C Software upgrade is available for installation. AIR 4.5.8 and AIR 4.5.9 formed a Working Integrated Product Team (WIPT) to ensure open communication and a smooth flow of information during Console Replacement ECP execution. The inventory objective for this item is eleven, of which ten are OPN-funded and one SCN-funded. PMA-213 configuration control board approves inventory objectives.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (Modification Number - Modification Title): 6 - AN/SPN-46 Common Console(V)3 LCE PN415			
Models of Systems Affected: CVNs and selected shore sites				Type Modification: Reliability					Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
AN/SPN-46 Common Console(V)3 LCE PN415															
B Kits															
Recurring															
2.1.1) AN/SPN-46(V)3 Common Console (LCE) PN415 - NonOrganic	7 / 4.606	2 / 1.058	1 / 0.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.336			
Subtotal Recurring	7 / 4.606	2 / 1.058	1 / 0.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.336			
Total, AN/SPN-46 Common Console(V)3 LCE PN415	7 / 4.606	2 / 1.058	1 / 0.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.336			
Total Procurement, All Modifications	7 / 4.606	2 / 1.058	1 / 0.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.336			
Support															
3.1) Integrated Logistic Support	- / 0.413	- / 0.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.421			
3.2) Production Engineering	- / 0.826	- / 0.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.838			
3.3) Quality Assurance	- / 0.065	- / 0.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.071			
3.4) Initial Training	- / 0.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.055			
Total Support, All Modifications	1.359	0.026	-	-	-	-	-	-	-	-	-	1.385			
Total Procurement and Support	5.965	1.084	0.672	-	-	-	-	-	-	-	-	7.721			
AN/SPN-46 Common Console(V)3 LCE PN415 Installation Cost	- / 2.085	- / 0.720	- / 0.484	- / 0.180	- / -	- / 0.180	- / -	- / -	- / -	- / -	- / -	- / 3.469			
Total Installation Cost	- / 2.085	- / 0.720	- / 0.484	- / 0.180	- / -	- / 0.180	- / -	- / -	- / -	- / -	- / -	- / 3.469			
Total Cost (Procurement + Support + Installation)	8.050	1.804	1.156	0.180	-	0.180	-	-	-	-	-	11.190			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - AN/SPN-46 Common Console(V)3 LCE PN415															
Models of Systems Affected: CVNs and selected shore sites								Type Modification: Reliability								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-46 Common Console(V)3 LCE PN415																															
Manufacturer Name: NAWCAD														Manufacturer Location: Patuxent River, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012																									
Delivery Dates		Dec 2012				Dec 2013																									
Installation: AN/SPN-46 Common Console(V)3 LCE PN415								Method of Implementation: Alteration Installation Team (AIT)								Installation Name: AN/SPN-46(V)3 Common Console (LCE) PN415															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		5 / 2.085		2 / 0.720		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 2.805					
FY 2012		- / -		- / -		2 / 0.484		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.484					
FY 2013		- / -		- / -		- / -		1 / 0.180		- / -		1 / 0.180		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.180					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		5 / 2.085		2 / 0.720		2 / 0.484		1 / 0.180		- / -		1 / 0.180		- / -		- / -		- / -		- / -		- / -		- / -		10 / 3.469					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	5	1	1	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Out	5	1	1	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (Modification Number - Modification Title): 7 - AN/SPN-41 Transmitter MOD (LCE) PN416				
Models of Systems Affected: CVN's L-Class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.888	1.501	1.165	1.443	-	1.443	1.503	0.355	0.051	-	-	6.906
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.888	1.501	1.165	1.443	-	1.443	1.503	0.355	0.051	-	-	6.906
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.888	1.501	1.165	1.443	-	1.443	1.503	0.355	0.051	-	-	6.906
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: AN/SPN-41 Transmitter MOD (LCE) PN416 The equipment and installation costs on this P-3a are for individual modification programs though it must be installed in conjunction with ECP SPN41-030 and SPN41-034 in order to be fully functional as part of the AN/SPN-41/41A Life Cycle Extension (LCE) program. The existing transmitter is an older technology two-channel SCR line type modulator that is experiencing serious maintainability and obsolescence issues. The transmitter is the number one cost driver and system performance degrader. This change will improve logistic supportability and system maintainability. Lowest Repairable Units (LRUs) CCAs and Built-In Test (BIT) capabilities (LCE only) will be added to transmitter thus reducing cost for shipboard repairs and maintenance.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 7 - AN/SPN-41 Transmitter MOD (LCE) PN416				
Models of Systems Affected: CVN's L-Class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-41 Transmitter MOD (LCE) PN416													
B Kits													
Recurring													
2.1.1) AN/SPN-41 Transmitter Replacement (LCE) - NonOrganic ⁽³⁾	- / -	4 / 0.956	4 / 0.960	5 / 1.199	- / -	5 / 1.199	5 / 1.200	1 / 0.240	- / -	- / -	- / -	19 / 4.555	
Subtotal Recurring	- / -	4 / 0.956	4 / 0.960	5 / 1.199	- / -	5 / 1.199	5 / 1.200	1 / 0.240	- / -	- / -	- / -	19 / 4.555	
Total, AN/SPN-41 Transmitter MOD (LCE) PN416	- / -	4 / 0.956	4 / 0.960	5 / 1.199	- / -	5 / 1.199	5 / 1.200	1 / 0.240	- / -	- / -	- / -	19 / 4.555	
Total Procurement, All Modifications	- / -	4 / 0.956	4 / 0.960	5 / 1.199	- / -	5 / 1.199	5 / 1.200	1 / 0.240	- / -	- / -	- / -	19 / 4.555	
Support													
3.1) Integrated Logistics	- / -	- / 0.186	- / 0.032	- / 0.041	- / -	- / 0.041	- / 0.046	- / -	- / -	- / -	- / -	- / 0.305	
3.2) Production Engineering	- / 0.888	- / 0.329	- / 0.143	- / 0.083	- / -	- / 0.083	- / 0.092	- / 0.040	- / 0.036	- / -	- / -	- / 1.611	
Total Support, All Modifications	0.888	0.515	0.175	0.124	-	0.124	0.138	0.040	0.036	-	-	1.916	
Total Procurement and Support	0.888	1.471	1.135	1.323	-	1.323	1.338	0.280	0.036	-	-	6.471	
AN/SPN-41 Transmitter MOD (LCE) PN416 Installation Cost	- / 0.000	- / 0.030	- / 0.030	- / 0.120	- / -	- / 0.120	- / 0.165	- / 0.075	- / 0.015	- / -	- / -	- / 0.435	
Total Installation Cost	- / 0.000	- / 0.030	- / 0.030	- / 0.120	- / -	- / 0.120	- / 0.165	- / 0.075	- / 0.015	- / -	- / -	- / 0.435	
Total Cost (Procurement + Support + Installation)	0.888	1.501	1.165	1.443	-	1.443	1.503	0.355	0.051	-	-	6.906	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - AN/SPN-41 Transmitter MOD (LCE) PN416																
Models of Systems Affected: CVN's L-Class, selected shore sites								Type Modification: Modernization								Related RDT&E PEs:																
Manufacturer Information: AN/SPN-41 Transmitter MOD (LCE) PN416																																
Manufacturer Name: NAWCAD 4.5.8														Manufacturer Location: Webster Field, St. Inigoes, MD																		
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates		Dec 2011				Dec 2012				Dec 2013																						
Delivery Dates		Dec 2012				Dec 2013				Dec 2014																						
Installation: AN/SPN-41 Transmitter MOD (LCE) PN416								Method of Implementation: AIT Alteration Team								Installation Name: AN/SPN-41 Transmitter Replacement																
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		2 / 0.030		2 / 0.030		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.060						
FY 2013		- / -		- / -		- / -		4 / 0.120		- / -		4 / 0.120		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.120						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.165		- / -		- / -		- / -		- / -		- / -		5 / 0.165						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.075		- / -		- / -		- / -		- / -		5 / 0.075						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.015		- / -		- / -		- / -		1 / 0.015						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -		2 / 0.030		2 / 0.030		4 / 0.120		- / -		4 / 0.120		5 / 0.165		5 / 0.075		1 / 0.015		- / -		- / -		- / -		19 / 0.435						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	2	-	-	-	-	2	-	-	-	-	4	-	-	-	-	5	-	-	-	-	5	-	-	-	-	1	-	-	19
Out	-	-	-	2	-	-	-	-	2	-	-	-	-	4	-	-	-	-	5	-	-	-	-	5	-	-	-	-	1	-	-	19
Footnotes:																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - AN/SPN-41 Transmitter MOD (LCE) PN416
Models of Systems Affected: CVN's L-Class, selected shore sites	Type Modification: Modernization	Related RDT&E PEs:
⁽³⁾ In previous annual budgets the AN/SPN-41 Transmitter Mod (PN416) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 8 - AN/SPN-41 Coder Monitor (LCE) PN417				
Models of Systems Affected: CVN's L-Class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.601	2.363	2.606	2.858	-	2.858	4.124	1.335	0.611	-	-	17.498
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.601	2.363	2.606	2.858	-	2.858	4.124	1.335	0.611	-	-	17.498
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3.601	2.363	2.606	2.858	-	2.858	4.124	1.335	0.611	-	-	17.498
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: AN/SPN-41 Coder Monitor (LCE) PN417. The equipment and installation costs on this P-3a are for individual modification programs though it must be installed in conjunction with ECP SPN41-030 and SPN41-031 in order to be fully functional as part of the AN/SPN-41/41A Life Cycle Extension program. This change will provide upgrades to AN/SPN-41/41A to improve Operational Availability (Ao) by addressing numerous part obsolescence issues germane to the current aging system. The change will also provide digital interfaces with other shipboard systems including the Joint Precision Approach Landing System (JPALS), and extend the service life of the AN/SPN-41/41A.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System					Modification Nomenclature (Modification Number - Modification Title): 8 - AN/SPN-41 Coder Monitor (LCE) PN417				
Models of Systems Affected: CVN's L-Class, selected shore sites				Type Modification: Modernization					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-41 Coder Monitor (LCE) PN417													
B Kits													
Recurring													
2.1.1) AN/SPN-41 Coder Monitor (LCE) - NonOrganic ⁽⁴⁾ 7 / 1.2501 / 0.8754 / 1.5684 / 1.595- / -4 / 1.5955 / 2.0281 / 0.413- / - - / - - / -22 / 7.729													
Subtotal Recurring7 / 1.2501 / 0.8754 / 1.5684 / 1.595- / -4 / 1.5955 / 2.0281 / 0.413- / - - / -22 / 7.729													
Total, AN/SPN-41 Coder Monitor (LCE) PN4177 / 1.2501 / 0.8754 / 1.5684 / 1.595- / -4 / 1.5955 / 2.0281 / 0.413- / - - / -22 / 7.729													
Total Procurement, All Modifications7 / 1.2501 / 0.8754 / 1.5684 / 1.595- / -4 / 1.5955 / 2.0281 / 0.413- / - - / -22 / 7.729													
Support													
3.1) Integrated Logistic Support- / 0.093- / 0.772- / 0.079- / 0.081- / - - / 0.081- / 0.082- / 0.097- / 0.085- / - - / - - / 1.289													
3.2) Production Engineering- / 1.519- / 0.716- / 0.264- / 0.160- / - - / 0.160- / 0.232- / 0.224- / 0.401- / - - / - - / 3.516													
Total Support, All Modifications1.6121.4880.3430.241-0.2410.3140.3210.486- -4.805													
Total Procurement and Support2.8622.3631.9111.836-1.8362.3420.7340.486- -12.534													
AN/SPN-41 Coder Monitor (LCE) PN417 Installation Cost- / 0.739- / - - / 0.695- / 1.022- / - - / 1.022- / 1.782- / 0.601- / 0.125- / - - / - - / 4.964													
Total Installation Cost- / 0.739- / - - / 0.695- / 1.022- / - - / 1.022- / 1.782- / 0.601- / 0.125- / - - / - - / 4.964													
Total Cost (Procurement + Support + Installation)3.6012.3632.6062.858-2.8584.1241.3350.611- -17.498													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - AN/SPN-41 Coder Monitor (LCE) PN417															
Models of Systems Affected: CVN's L-Class, selected shore sites								Type Modification: Modernization								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-41 Coder Monitor (LCE) PN417																															
Manufacturer Name: NAWCAD 4.5.8														Manufacturer Location: Webster Field, St. Inigoes, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012				Dec 2013																					
Delivery Dates		Dec 2012				Dec 2013				Dec 2014																					
Installation: AN/SPN-41 Coder Monitor (LCE) PN417								Method of Implementation: Alteration Installation Team AIT								Installation Name: AN/SPN-41 Coder Monitor (LCE)															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		7 / 0.739		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.739					
FY 2012		- / -		- / -		1 / 0.695		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.695					
FY 2013		- / -		- / -		- / -		4 / 0.681		- / -		4 / 0.681		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.681					
FY 2014		- / -		- / -		- / -		- / 0.341		- / -		- / 0.341		4 / 1.782		- / -		- / -		- / -		- / -		- / -		4 / 2.123					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.601		- / -		- / -		- / -		- / -		5 / 0.601					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.125		- / -		- / -		- / -		1 / 0.125					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		7 / 0.739		- / -		1 / 0.695		4 / 1.022		- / -		4 / 1.022		4 / 1.782		5 / 0.601		1 / 0.125		- / -		- / -		- / -		22 / 4.964					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	7	-	-	-	-	-	-	1	-	-	-	-	2	2	-	-	2	2	-	-	5	-	-	-	1	-	-	-	-	-	22
Out	7	-	-	-	-	-	-	1	-	-	-	-	2	2	-	-	2	2	-	-	5	-	-	-	1	-	-	-	-	-	22
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 8 - AN/SPN-41 Coder Monitor (LCE) PN417
Models of Systems Affected: CVN's L-Class, selected shore sites	Type Modification: Modernization	Related RDT&E PEs:
⁽⁴⁾ In previous annual budgets the AN/SPN-41 Coder Monitor (PN417) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort. AP costs in FY14 for installation occurring 1 year prior to actual install and show as quantity zero.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418				
Models of Systems Affected: CVNs, L-class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	7.473	3.144	2.605	2.517	-	2.517	4.123	1.335	2.238	-	-	23.435
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	7.473	3.144	2.605	2.517	-	2.517	4.123	1.335	2.238	-	-	23.435
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	7.473	3.144	2.605	2.517	-	2.517	4.123	1.335	2.238	-	-	23.435
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: AN/SPN-41 Electronic Drawer Assembly (LCE) PN418. The equipment and installation costs on this P-3a are for individual modification programs though it must be installed in conjunction with ECP SPN41-031 and SPN41-034 in order to be fully functional as part of the AN/SPN-41/41A Life Cycle Extension program. This change will provide upgrades to AN/SPN-41/41A to improve Operational Availability (Ao) by addressing numerous part obsolescence issues germane to the current aging system. The change will also provide digital interfaces with other shipboard systems including the Joint Precision Approach Landing System (JPALS), and extend the service life of the AN/SPN-41/41A.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (Modification Number - Modification Title): 9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418			
Models of Systems Affected: CVNs, L-class, selected shore sites				Type Modification: Modernization					Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
AN/SPN-41 Electronic Drawer Assembly (LCE) PN418															
B Kits															
Recurring															
2.1.1) AN/SPN-41 Electronic Drawer Assembly (LCE) - NonOrganic ⁽⁵⁾	2 / 1.016	3 / 0.876	4 / 1.568	4 / 1.595	- / -	4 / 1.595	5 / 2.028	1 / 0.413	- / -	- / -	- / -	19 / 7.496			
Subtotal Recurring	2 / 1.016	3 / 0.876	4 / 1.568	4 / 1.595	- / -	4 / 1.595	5 / 2.028	1 / 0.413	- / -	- / -	- / -	19 / 7.496			
Total, AN/SPN-41 Electronic Drawer Assembly (LCE) PN418	2 / 1.016	3 / 0.876	4 / 1.568	4 / 1.595	- / -	4 / 1.595	5 / 2.028	1 / 0.413	- / -	- / -	- / -	19 / 7.496			
Total Procurement, All Modifications	2 / 1.016	3 / 0.876	4 / 1.568	4 / 1.595	- / -	4 / 1.595	5 / 2.028	1 / 0.413	- / -	- / -	- / -	19 / 7.496			
Support															
3.1) Integrated Logistics	- / 0.095	- / 0.772	- / 0.079	- / 0.081	- / -	- / 0.081	- / 0.081	- / 0.097	- / 0.085	- / -	- / -	- / 1.290			
3.2) Production Engineering	- / 5.972	- / 0.716	- / 0.263	- / 0.160	- / -	- / 0.160	- / 0.232	- / 0.224	- / 0.401	- / -	- / -	- / 7.968			
Total Support, All Modifications	6.067	1.488	0.342	0.241	-	0.241	0.313	0.321	0.486	-	-	9.258			
Total Procurement and Support	7.083	2.364	1.910	1.836	-	1.836	2.341	0.734	0.486	-	-	16.754			
AN/SPN-41 Electronic Drawer Assembly (LCE) PN418 Installation Cost	- / 0.390	- / 0.780	- / 0.695	- / 0.681	- / -	- / 0.681	- / 1.782	- / 0.601	- / 1.752	- / -	- / -	- / 6.681			
Total Installation Cost	- / 0.390	- / 0.780	- / 0.695	- / 0.681	- / -	- / 0.681	- / 1.782	- / 0.601	- / 1.752	- / -	- / -	- / 6.681			
Total Cost (Procurement + Support + Installation)	7.473	3.144	2.605	2.517	-	2.517	4.123	1.335	2.238	-	-	23.435			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418															
Models of Systems Affected: CVNs, L-class, selected shore sites								Type Modification: Modernization								Related RDT&E PEs:															
Manufacturer Information: AN/SPN-41 Electronic Drawer Assembly (LCE) PN418																															
Manufacturer Name: NAWCAD 4.5.8														Manufacturer Location: Webster Field, St. Inigoes, MD																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012				Dec 2013																					
Delivery Dates		Dec 2012				Dec 2013				Dec 2014																					
Installation: AN/SPN-41 Electronic Drawer Assembly (LCE) PN418														Method of Implementation: Alteration Installation Team AIT								Installation Name: AN/SPN-41 Electronic Drawer Assembly (LCE)									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		1 / 0.390		1 / 0.390		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.780					
FY 2012		- / -		1 / 0.390		2 / 0.695		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 1.085					
FY 2013		- / -		- / -		- / -		4 / 0.681		- / -		4 / 0.681		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.681					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		4 / 1.782		- / -		- / -		- / -		- / -		- / -		4 / 1.782					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.601		- / -		- / -		- / -		- / -		5 / 0.601					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.752		- / -		- / -		- / -		1 / 1.752					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		1 / 0.390		2 / 0.780		2 / 0.695		4 / 0.681		- / -		4 / 0.681		4 / 1.782		5 / 0.601		1 / 1.752		- / -		- / -		- / -		19 / 6.681					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1	-	-	2	-	-	-	-	2	-	-	-	-	4	-	-	-	-	4	-	-	-	-	3	2	-	-	1	-	-	19
Out	1	-	-	2	-	-	-	-	2	-	-	-	-	4	-	-	-	-	4	-	-	-	-	3	2	-	-	1	-	-	19
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 9 - AN/SPN-41 Electronic Drawer Assembly (LCE) PN418
Models of Systems Affected: CVNs, L-class, selected shore sites	Type Modification: Modernization	Related RDT&E PEs:
(5) In previous annual budgets the AN/SPN-41 Electronic Drawer Assembly (PN418) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419				
Models of Systems Affected: CVN's, L-Class, selected shore sites			Type Modification: Modernization					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1.333	0.145	1.459	1.816	-	1.816	2.215	0.979	1.152	0.042	-	9.141
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1.333	0.145	1.459	1.816	-	1.816	2.215	0.979	1.152	0.042	-	9.141
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1.333	0.145	1.459	1.816	-	1.816	2.215	0.979	1.152	0.042	-	9.141
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: AN/SPN-41 Radome Hardware Upgrade (LCE) PN419. The equipment and installation costs on this P-3a are for individual modification programs. This is part of the AN/SPN-41/41A Life Cycle Extension program. This change will improve overall AN/SPN-41/41A Operational Availability (Ao) by addressing extreme environmental issues currently being experienced by the systems in the field. This change increases overall thermal resistance while decreasing solar absorbtivity thereby reducing the ambient operating temperature for the equipment inside the radome.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System						Modification Nomenclature (Modification Number - Modification Title): 10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419			
Models of Systems Affected: CVN's, L-Class, selected shore sites				Type Modification: Modernization				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/SPN-41 Radome Hardware Upgrade (LCE) PN419													
B Kits													
Recurring													
2.1.1) AN/SPN-41 Radome Hardware Upgrade - NonOrganic ⁽⁶⁾													
- / - - / - 4 / 1.192 5 / 1.490 - / - 5 / 1.490 6 / 1.788 2 / 0.596 2 / 0.596 - / - - / - 19 / 5.662													
Subtotal Recurring													
- / - - / - 4 / 1.192 5 / 1.490 - / - 5 / 1.490 6 / 1.788 2 / 0.596 2 / 0.596 - / - - / - 19 / 5.662													
Total, AN/SPN-41 Radome Hardware Upgrade (LCE) PN419													
- / - - / - 4 / 1.192 5 / 1.490 - / - 5 / 1.490 6 / 1.788 2 / 0.596 2 / 0.596 - / - - / - 19 / 5.662													
Total Procurement, All Modifications													
- / - - / - 4 / 1.192 5 / 1.490 - / - 5 / 1.490 6 / 1.788 2 / 0.596 2 / 0.596 - / - - / - 19 / 5.662													
Support													
3.1) Production Engineering													
- / 1.333 - / 0.145 - / 0.181 - / 0.104 - / - - / 0.104 - / 0.135 - / 0.098 - / 0.271 - / - - / - - / 2.267													
Total Support, All Modifications													
1.333 0.145 0.181 0.104 - 0.104 0.135 0.098 0.271 - - 2.267													
Total Procurement and Support													
1.333 0.145 1.373 1.594 - 1.594 1.923 0.694 0.867 - - 7.929													
AN/SPN-41 Radome Hardware Upgrade (LCE) PN419 Installation Cost													
- / 0.000 - / - - / 0.086 - / 0.222 - / - - / 0.222 - / 0.292 - / 0.285 - / 0.285 - / 0.042 - / - - / 1.212													
Total Installation Cost													
- / 0.000 - / - - / 0.086 - / 0.222 - / - - / 0.222 - / 0.292 - / 0.285 - / 0.285 - / 0.042 - / - - / 1.212													
Total Cost (Procurement + Support + Installation)													
1.333 0.145 1.459 1.816 - 1.816 2.215 0.979 1.152 0.042 - 9.141													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419																							
Models of Systems Affected: CVN's, L-Class, selected shore sites				Type Modification: Modernization				Related RDT&E PEs:																							
Manufacturer Information: AN/SPN-41 Radome Hardware Upgrade (LCE) PN419																															
Manufacturer Name: NAWCAD 4.5.8								Manufacturer Location: Webster Field, St. Inigoes, MD																							
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 7																							
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates					Dec 2012				Dec 2013																						
Delivery Dates					Jul 2013				Jul 2014																						
Installation: AN/SPN-41 Radome Hardware Upgrade (LCE) PN419				Method of Implementation: Alteration Installation Team AIT								Installation Name: AN/SPN-41 Radome Hardware Upgrade																			
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	2 / 0.086	2 / 0.111	- / -	2 / 0.111	- / -	- / -	- / -	- / -	- / -	4 / 0.197																		
FY 2014		- / -	- / -	- / -	2 / 0.111	- / -	2 / 0.111	3 / 0.292	- / -	- / -	- / -	- / -	5 / 0.403																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.285	- / -	- / -	- / -	6 / 0.285																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.285	- / -	- / -	2 / 0.285																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.042	- / -	2 / 0.042																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	2 / 0.086	4 / 0.222	- / -	4 / 0.222	3 / 0.292	6 / 0.285	2 / 0.285	2 / 0.042	- / -	19 / 1.212																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	2	-	2	-	2	-	2	1	-	2	3	1	-	1	-	1	-	1	1	-	-	-	19
Out	-	-	-	-	-	-	-	-	2	-	2	-	2	-	2	1	-	2	3	1	-	1	-	1	-	1	1	-	-	-	19
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2832 - Automatic Carrier Landing System	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 10 - AN/SPN-41 Radome Hardware Upgrade (LCE) PN419
Models of Systems Affected: CVN's, L-Class, selected shore sites	Type Modification: Modernization	Related RDT&E PEs:
(6) In previous annual budgets the AN/SPN-41 Radome (PN419) was included with a conglomeration of other system improvements in the ACLS Mod Kit Summary section (PN408). In order to maintain effective oversight, traceability, and provide sufficient budget justification as this project continues to mature, the Department now justifies this effort in a separate exhibit P-3a. This significantly improves the program's ability to accurately track and report cost, schedule and performance of the individual effort.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip /
BSA 9: Aviation Electronic Equipment

P-1 Line Item Nomenclature:

2840 - National Air Space System

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s): 537

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	274.873	24.581	16.919	19.754	-	19.754	28.764	28.888	31.348	34.144	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	274.873	24.581	16.919	19.754	-	19.754	28.764	28.888	31.348	34.144	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	274.873	24.581	16.919	19.754	-	19.754	28.764	28.888	31.348	34.144	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	2.474	1.303	1.556	-	1.556	3.516	3.514	4.039	1.646	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Joint Department of Defense (DOD)/Federal Aviation Administration (FAA) National Airspace System (NAS) Modernization (MOD) program upgrades the DOD Air Traffic Control (ATC) systems at Approach Control Facilities in concert with the FAA's upgrade of the National ATC System. These funds will procure ATC systems for the Navy/Marine ATC facilities.

The Air Force is the DOD lead activity for the Joint Acquisition Program. The Joint Program Office (JPO) is located at Hanscom AFB, MA.

The NAS Mod program received a full rate production decision on 7 June 2005 and is in the production and deployment phase following Milestone C.

*Prior years total includes funding associated with cost elements no longer funded by this program.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - CB010 - DoD Advanced Automation System	P3A				106.065			5.146			4.466			5.278			-			5.278
2 - CB-030 Digital Airport Surveillance Radar	P3A				120.760			17.438			9.548			2.216			-			2.216

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 537																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3 - CB040 Tower Automation System	P3A				48.048			1.997			2.905			3.126			-			3.126
4 - CB050 STARS TECH Refresh Upgrade	P3A				0.000			-			-			1.189			-			1.189
5 - CB060 DASR Tech Refresh Upgrade	P3A				0.000			-			-			3.226			-			3.226
6 - CB070 TAS Tech Refresh	P3A				0.000			-			-			4.719			-			4.719
7 - CB080 Next Generation Voice Switch	P3A				0.000			-			-			-			-			-
Total Gross/Weapon System Cost					274.873			24.581			16.919			19.754			-			19.754

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - CB010 - DoD Advanced Automation System	P3A				3.461			1.803			1.133			-			-			127.352
2 - CB-030 Digital Airport Surveillance Radar	P3A				1.648			-			-			-			-			151.610
3 - CB040 Tower Automation System	P3A				1.926			0.698			-			-			-			58.700
4 - CB050 STARS TECH Refresh Upgrade	P3A				3.734			2.826			6.494			9.179			Continuing			Continuing
5 - CB060 DASR Tech Refresh Upgrade	P3A				4.550			6.898			7.381			6.526			1.426			30.007
6 - CB070 TAS Tech Refresh	P3A				9.868			11.449			7.121			5.812			1.850			40.819
7 - CB080 Next Generation Voice Switch	P3A				3.577			5.214			9.219			12.627			Continuing			Continuing
Total Gross/Weapon System Cost					28.764			28.888			31.348			34.144			Continuing			Continuing

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The FAA began the Next Generation Air Transportation System (NGATS) initiative in FY2008. A major component of this capability is Automatic Dependent Surveillance Broadcast (ADS-B), which will provide aircraft position information to augment ground-based radar. Existing DOD ATC facilities interface with FAA's facilities, therefore the military must maintain interoperability and retain vital special-use airspace for combat readiness training. The DoD Advanced Automation System (DAAS) must be upgraded to meet this requirement.

FY 2012 provides funding to procure 2 DAAS; 2 DASR; and 2 TAS.

FY 2013 provides funding to procure 2 DAAS; 1 DASR; and 2 TAS.

FY 2014 provides funding to procure 3 DAAS; 3 TAS; 1 STARS Tech Refresh; and 6 TAS Tech Refresh.

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - CB010 - DoD Advanced Automation System			

Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	106.065	5.146	4.466	5.278	-	5.278	3.461	1.803	1.133	-	-	127.352
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	106.065	5.146	4.466	5.278	-	5.278	3.461	1.803	1.133	-	-	127.352
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	106.065	5.146	4.466	5.278	-	5.278	3.461	1.803	1.133	-	-	127.352
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The DAAS is being developed as part of a joint DOD/FAA program to modernize and standardize ATC equipment in the National Airspace System. The systems will be installed in Navy ATC facilities to replace aging, obsolete equipment and comply with joint DOD/FAA modernization program agreements. DAAS provides for processors and displays for tower and approach controls. Inventory objective of 47.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System					Modification Nomenclature (Modification Number - Modification Title): 1 - CB010 - DoD Advanced Automation System			
Models of Systems Affected: NAS			Type Modification: Added Capability					Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
CB010 - DoD Advanced Automation System												
B Kits												
Recurring												
2.1.1) End Item - NonOrganic ⁽¹⁾	38 / 41.267	2 / 1.193	2 / 0.901	3 / 1.896	- / -	3 / 1.896	1 / 0.451	1 / 0.455	- / -	- / -	- / -	47 / 46.163
2.1.2) ECP/OCIR - Organic	- / 1.137	- / -	- / 0.262	- / 0.368	- / -	- / 0.368	- / -	- / -	- / -	- / -	- / -	- / 1.767
Subtotal Recurring	38 / 42.404	2 / 1.193	2 / 1.163	3 / 2.264	- / -	3 / 2.264	1 / 0.451	1 / 0.455	- / -	- / -	- / -	47 / 47.930
Non-Recurring												
2.2.1) Training Equipment - Organic	3 / 1.726	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.726
Subtotal Non-Recurring	3 / 1.726	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.726
Total, CB010 - DoD Advanced Automation System	41 / 44.130	2 / 1.193	2 / 1.163	3 / 2.264	- / -	3 / 2.264	1 / 0.451	1 / 0.455	- / -	- / -	- / -	50 / 49.656
Total Procurement, All Modifications	41 / 44.130	2 / 1.193	2 / 1.163	3 / 2.264	- / -	3 / 2.264	1 / 0.451	1 / 0.455	- / -	- / -	- / -	50 / 49.656
Support												
3.1) Integrated Logistics Support	- / 2.635	- / 0.110	- / 0.110	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.027	- / -	- / -	- / 2.957
3.2) Production Engineering	- / 18.534	- / 1.086	- / 1.029	- / 0.554	- / -	- / 0.554	- / 0.567	- / 0.538	- / 0.313	- / -	- / -	- / 22.621
3.3) Initial Training	- / 0.255	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.255
Total Support, All Modifications	21.424	1.196	1.139	0.579	-	0.579	0.592	0.563	0.340	-	-	25.833
Total Procurement and Support	65.554	2.389	2.302	2.843	-	2.843	1.043	1.018	0.340	-	-	75.489
CB010 - DoD Advanced Automation System Installation Cost	- / 40.511	- / 2.757	- / 2.164	- / 2.435	- / -	- / 2.435	- / 2.418	- / 0.785	- / 0.793	- / -	- / -	- / 51.863
Total Installation Cost	- / 40.511	- / 2.757	- / 2.164	- / 2.435	- / -	- / 2.435	- / 2.418	- / 0.785	- / 0.793	- / -	- / -	- / 51.863
Total Cost (Procurement + Support + Installation)	106.065	5.146	4.466	5.278	-	5.278	3.461	1.803	1.133	-	-	127.352

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - CB010 - DoD Advanced Automation System											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB010 - DoD Advanced Automation System																															
Manufacturer Name: Raytheon															Manufacturer Location: Marlborough, MA																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016													
Delivery Dates		Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017													
Installation: CB010 - DoD Advanced Automation System										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		35 / 40.511		3 / 2.026		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		38 / 42.537					
FY 2012		- / -		- / 0.731		2 / 1.537		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.268					
FY 2013		- / -		- / -		- / 0.627		2 / 1.804		- / -		2 / 1.804		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.431					
FY 2014		- / -		- / -		- / -		- / 0.631		- / -		- / 0.631		3 / 1.888		- / -		- / -		- / -		- / -		- / -		3 / 2.519					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.530		1 / 0.785		- / -		- / -		- / -		- / -		1 / 1.315					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.793		- / -		- / -		- / -		1 / 0.793					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		35 / 40.511		3 / 2.757		2 / 2.164		2 / 2.435		- / -		2 / 2.435		3 / 2.418		1 / 0.785		1 / 0.793		- / -		- / -		- / -		47 / 51.863					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	35	-	1	1	1	-	1	1	-	-	1	1	-	-	1	2	-	-	1	-	-	-	1	-	-	-	-	-	-	-	47
Out	35	-	1	1	1	-	-	1	1	-	-	1	1	-	-	2	1	-	1	-	-	-	1	-	-	-	-	-	-	-	47
Installation: CB010 - DoD Advanced Automation System										Method of Implementation: Not Installed - Training Equipment										Installation Quantity: 3											
Footnotes: (1) DAAS - AP costs for Installation occur 1 year prior to actual install and show as quantity zero.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CB-030 Digital Airport Surveillance Radar				
Models of Systems Affected: NAS			Type Modification: Added Capability					Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	120.760	17.438	9.548	2.216	-	2.216	1.648	-	-	-	-	151.610
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	120.760	17.438	9.548	2.216	-	2.216	1.648	-	-	-	-	151.610
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	120.760	17.438	9.548	2.216	-	2.216	1.648	-	-	-	-	151.610
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The DASR was developed as part of a joint DOD/FAA program to modernize and standardize ATC equipment in the National Airspace System. The DASR is being installed in Navy ATC facilities to replace aging, obsolete approach control radars and comply with joint DOD/FAA modernization program agreements. Inventory objective of 28 DASR.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System					Modification Nomenclature (Modification Number - Modification Title): 2 - CB-030 Digital Airport Surveillance Radar			
Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
CB-030 Digital Airport Surveillance Radar												
B Kits												
Recurring												
2.1.1) End Item - NonOrganic ⁽²⁾	25 / 75.832	2 / 13.424	1 / 6.957	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 96.213
Subtotal Recurring	25 / 75.832	2 / 13.424	1 / 6.957	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 96.213
Total, CB-030 Digital Airport Surveillance Radar	25 / 75.832	2 / 13.424	1 / 6.957	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 96.213
Total Procurement, All Modifications	25 / 75.832	2 / 13.424	1 / 6.957	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 96.213
Support												
3.1) Integrated Logistics Support	- / 2.977	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.025	- / -	- / -	- / -	- / -	- / 3.302
3.2) Production Engineering	- / 12.322	- / 0.524	- / 0.500	- / 0.369	- / -	- / 0.369	- / 0.613	- / -	- / -	- / -	- / -	- / 14.328
3.3) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	15.299	0.624	0.600	0.469	-	0.469	0.638	-	-	-	-	17.630
Total Procurement and Support	91.131	14.048	7.557	0.469	-	0.469	0.638	-	-	-	-	113.843
CB-030 Digital Airport Surveillance Radar Installation Cost	- / 29.629	- / 3.390	- / 1.991	- / 1.747	- / -	- / 1.747	- / 1.010	- / -	- / -	- / -	- / -	- / 37.767
Total Installation Cost	- / 29.629	- / 3.390	- / 1.991	- / 1.747	- / -	- / 1.747	- / 1.010	- / -	- / -	- / -	- / -	- / 37.767
Total Cost (Procurement + Support + Installation)	120.760	17.438	9.548	2.216	-	2.216	1.648	-	-	-	-	151.610

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CB-030 Digital Airport Surveillance Radar											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB-030 Digital Airport Surveillance Radar																															
Manufacturer Name: Raytheon													Manufacturer Location: Marlborough, MA																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 24																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012				Mar 2013																									
Delivery Dates		Mar 2014				Mar 2015																									
Installation: CB-030 Digital Airport Surveillance Radar										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		19 / 29.629		2 / 3.390		1 / 0.767		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		22 / 33.786					
FY 2012		- / -		- / -		- / 1.224		2 / 1.316		- / -		2 / 1.316		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.540					
FY 2013		- / -		- / -		- / -		- / 0.431		- / -		- / 0.431		1 / 1.010		- / -		- / -		- / -		- / -		- / -		1 / 1.441					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		19 / 29.629		2 / 3.390		1 / 1.991		2 / 1.747		- / -		2 / 1.747		1 / 1.010		- / -		- / -		- / -		- / -		- / -		25 / 37.767					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	19	-	1	1	-	-	1	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
Out	19	-	-	1	1	-	-	1	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
Footnotes: (2) (1) DASR - AP costs for Installation occur 1 year prior to actual install and show as quantity zero. (2) NOTE: - Quantity of procurements and quantity of installs do not match because three radar installations were funded and completed by the FAA. FY13 radar was initially to have been installed by FAA. FAA and DON are in negotiations to transfer responsibility back to DON. Beginning in FY12, the Navy is the only service that will be procuring DASRs, which increases the cost of the system. DASR inventory objective decreased from 40 to 28 due to utilization of other service/agency radar assets.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - CB040 Tower Automation System				
Models of Systems Affected: NAS			Type Modification: Added Capability					Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	48.048	1.997	2.905	3.126	-	3.126	1.926	0.698	-	-	-	58.700
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	48.048	1.997	2.905	3.126	-	3.126	1.926	0.698	-	-	-	58.700
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	48.048	1.997	2.905	3.126	-	3.126	1.926	0.698	-	-	-	58.700
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The TAS was developed as part of a joint DOD/FAA program to modernize and standardize ATC equipment in the National Airspace System. The TAS is being installed in Navy ATC facilities to replace aging, obsolete equipment and comply with joint DOD/FAA modernization program agreements. Inventory objective of 58 TAS. This effort includes Engineering Change Proposal (ECP) efforts directly related to the TAS Tech Refresh efforts detailed in cost element CB070 of this budget. The ECP introduces new capability into a common workstation that eliminates a separate visual communications (VISCOP) alert indicator. The nature of that consolidation creates an interdependency with CB070; which addresses severe obsolescence issues that render the current workstation configuration unsupportable. Both software and hardware for these two cost elements overlap and require concurrent efforts. Delay or interruption to either CB040 and/or CB070 causes a break in fleet capability and negatively impacts both flight safety and operator workload.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System					Modification Nomenclature (Modification Number - Modification Title): 3 - CB040 Tower Automation System			
Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
CB040 Tower Automation System												
B Kits												
Recurring												
2.1.1) End Item - NonOrganic ⁽³⁾	49 / 14.083	2 / 0.520	2 / 0.520	3 / 0.787	- / -	3 / 0.787	2 / 0.525	- / -	- / -	- / -	- / -	58 / 16.435
2.1.2) ECP/OCIR - Organic	- / 0.100	- / -	- / 0.948	- / 0.962	- / -	- / 0.962	- / -	- / -	- / -	- / -	- / -	- / 2.010
Subtotal Recurring	49 / 14.183	2 / 0.520	2 / 1.468	3 / 1.749	- / -	3 / 1.749	2 / 0.525	- / -	- / -	- / -	- / -	58 / 18.445
Total, CB040 Tower Automation System	49 / 14.183	2 / 0.520	2 / 1.468	3 / 1.749	- / -	3 / 1.749	2 / 0.525	- / -	- / -	- / -	- / -	58 / 18.445
Total Procurement, All Modifications	49 / 14.183	2 / 0.520	2 / 1.468	3 / 1.749	- / -	3 / 1.749	2 / 0.525	- / -	- / -	- / -	- / -	58 / 18.445
Support												
3.1) Integrated Logistics Support	- / 2.236	- / 0.187	- / 0.133	- / 0.135	- / -	- / 0.135	- / 0.135	- / -	- / -	- / -	- / -	- / 2.826
3.2) Production Engineering	- / 22.643	- / 0.825	- / 0.800	- / 0.707	- / -	- / 0.707	- / 0.586	- / -	- / -	- / -	- / -	- / 25.561
Total Support, All Modifications	24.879	1.012	0.933	0.842	-	0.842	0.721	-	-	-	-	28.387
Total Procurement and Support	39.062	1.532	2.401	2.591	-	2.591	1.246	-	-	-	-	46.832
CB040 Tower Automation System Installation Cost	- / 8.986	- / 0.465	- / 0.504	- / 0.535	- / -	- / 0.535	- / 0.680	- / 0.698	- / -	- / -	- / -	- / 11.868
Total Installation Cost	- / 8.986	- / 0.465	- / 0.504	- / 0.535	- / -	- / 0.535	- / 0.680	- / 0.698	- / -	- / -	- / -	- / 11.868
Total Cost (Procurement + Support + Installation)	48.048	1.997	2.905	3.126	-	3.126	1.926	0.698	-	-	-	58.700

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - CB040 Tower Automation System											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB040 Tower Automation System																															
Manufacturer Name: Pen-Tech														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 4														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jan 2012				Jan 2013				Jan 2014				Jan 2015																	
Delivery Dates		Jan 2013				Jan 2014				Jan 2015				Jan 2016																	
Installation: CB040 Tower Automation System										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		46 / 8.986		3 / 0.453		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		49 / 9.439					
FY 2012		- / -		- / 0.012		2 / 0.491		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.503					
FY 2013		- / -		- / -		- / 0.013		2 / 0.502		- / -		2 / 0.502		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.515					
FY 2014		- / -		- / -		- / -		- / 0.033		- / -		- / 0.033		3 / 0.651		- / -		- / -		- / -		- / -		- / -		3 / 0.684					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.029		2 / 0.698		- / -		- / -		- / -		- / -		2 / 0.727					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		46 / 8.986		3 / 0.465		2 / 0.504		2 / 0.535		- / -		2 / 0.535		3 / 0.680		2 / 0.698		- / -		- / -		- / -		- / -		58 / 11.868					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	46	-	1	2	-	-	1	1	-	-	1	1	-	-	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	58
Out	46	-	-	1	2	-	-	1	1	-	-	1	1	-	-	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	58
Footnotes: ⁽³⁾ (1) TAS - AP costs for Installation occur 1 year prior to actual install and show as quantity zero.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CB050 STARS TECH Refresh Upgrade		
Models of Systems Affected: NAS				Type Modification: AIT				Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	1.189	-	1.189	3.734	2.826	6.494	9.179	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	1.189	-	1.189	3.734	2.826	6.494	9.179	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	1.189	-	1.189	3.734	2.826	6.494	9.179	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Standard Terminal Automation Replacement System (STARS) is a joint Department of Defense and Department of Transportation (FAA) program to modernize terminal air traffic control automation systems. The STARS contract was awarded by the FAA on September 16, 1996, and ends September 30, 2012. The FAA anticipates the award of a contract for system maintenance, system technical refresh, and system enhancements through fiscal year 2017. The FAA began the Next Generation Air Transportation System (NGATS) initiative in FY2008. A major component of this capability is Automatic Dependent Surveillance Broadcast (ADS-B), which will provide aircraft position information in place of ground-based radar. The DoD version of STARS (DAAS) must be upgraded to meet this requirement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System						Modification Nomenclature (Modification Number - Modification Title): 4 - CB050 STARS TECH Refresh Upgrade			
Models of Systems Affected: NAS				Type Modification: AIT				Related RDT&E PEs: 0604504N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CB050 STARS TECH Refresh Upgrade													
B Kits													
Recurring													
2.1.1) End Item - NonOrganic	- / -	- / -	- / -	1 / 0.655	- / -	1 / 0.655	4 / 2.631	1 / 0.669	8 / 5.416	8 / 5.416	26 / 17.602	48 / 32.389	
Subtotal Recurring	- / -	- / -	- / -	1 / 0.655	- / -	1 / 0.655	4 / 2.631	1 / 0.669	8 / 5.416	8 / 5.416	26 / 17.602	48 / 32.389	
Total, CB050 STARS TECH Refresh Upgrade	- / -	- / -	- / -	1 / 0.655	- / -	1 / 0.655	4 / 2.631	1 / 0.669	8 / 5.416	8 / 5.416	26 / 17.602	48 / 32.389	
Total Procurement, All Modifications	- / -	- / -	- / -	1 / 0.655	- / -	1 / 0.655	4 / 2.631	1 / 0.669	8 / 5.416	8 / 5.416	26 / 17.602	48 / 32.389	
Support													
3.1) Integrated Logistics Support	- / -	- / -	- / -	- / 0.163	- / -	- / 0.163	- / 0.150	- / 0.150	- / 0.150	- / 0.150	Continuing	Continuing	
3.2) Production Engineering	- / -	- / -	- / -	- / 0.371	- / -	- / 0.371	- / 0.604	- / 0.609	- / 0.559	- / 0.695	Continuing	Continuing	
Total Support, All Modifications	-	-	-	0.534	-	0.534	0.754	0.759	0.709	0.845	-	-	
Total Procurement and Support	-	-	-	1.189	-	1.189	3.385	1.428	6.125	6.261	17.602	32.389	
CB050 STARS TECH Refresh Upgrade Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.349	- / 1.398	- / 0.369	- / 2.918	- / 5.088	- / 10.122	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.349	- / 1.398	- / 0.369	- / 2.918	- / 5.088	- / 10.122	
Total Cost (Procurement + Support + Installation)	0.000	-	-	1.189	-	1.189	3.734	2.826	6.494	9.179	22.690	42.511	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CB050 STARS TECH Refresh Upgrade											
Models of Systems Affected: NAS										Type Modification: AIT										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB050 STARS TECH Refresh Upgrade																															
Manufacturer Name: TBD															Manufacturer Location: TBD																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates										Mar 2015				Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: CB050 STARS TECH Refresh Upgrade										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.349		- / -		- / -		- / -		- / -		- / -		1 / 0.349					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 1.398		- / -		- / -		- / -		- / -		4 / 1.398					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.369		- / -		- / -		- / -		1 / 0.369					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 2.918		- / -		- / -		8 / 2.918					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 2.928		- / -		8 / 2.928					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		26 / 2.160		- / -		26 / 2.160					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.349		4 / 1.398		1 / 0.369		8 / 2.918		34 / 5.088		48 / 10.122					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	-	-	1	-	-	-	3	2	3	34	48
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	2	-	-	-	1	-	-	3	2	3	34	48

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - CB060 DASR Tech Refresh Upgrade		
Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	3.226	-	3.226	4.550	6.898	7.381	6.526	1.426	30.007
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	3.226	-	3.226	4.550	6.898	7.381	6.526	1.426	30.007
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	3.226	-	3.226	4.550	6.898	7.381	6.526	1.426	30.007
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The FAA DASR Technology Refresh is an ongoing program to address obsolescence and maintenance issues and is being accomplished in sequential 5-year segments. The Segment 1 program replaces and upgrades obsolete Commercial Off-The-Shelf (COTS) hardware and software to ensure the continued reliable and cost effective operation of the radar system through its designated lifecycle. Segment 1 is well defined and provides increased functionality by replacing existing Signal Data Processors (SDP's) with an Advanced Signal Data Processor (ASDP). The major objectives of Segment 1 are: 1) Install replacement kits for the SDP and eliminate the Low Overhead Array Processors, 2) Use scalable hardware and software architecture to permit easy future growth with minimal cost and effort, and 3) Address system In-Service Decision open action items. Segment 2 is being defined by the FAA to identify parts obsolescence, operational performance deficiencies, or other areas requiring technology refresh including upgrades to mitigate wind turbine interference.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System				Modification Nomenclature (Modification Number - Modification Title): 5 - CB060 DASR Tech Refresh Upgrade					
Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CB060 DASR Tech Refresh Upgrade													
B Kits													
Recurring													
2.1.1) End Item - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.525	7 / 4.945	7 / 4.955	6 / 4.267	- / -	25 / 17.692	
2.1.2) ECP - Organic	- / -	- / -	- / -	- / 2.737	- / -	- / 2.737	- / -	- / -	- / -	- / -	- / -	- / 2.737	
Subtotal Recurring	- / -	- / -	- / -	- / 2.737	- / -	- / 2.737	5 / 3.525	7 / 4.945	7 / 4.955	6 / 4.267	- / -	25 / 20.429	
Total, CB060 DASR Tech Refresh Upgrade	- / -	- / -	- / -	- / 2.737	- / -	- / 2.737	5 / 3.525	7 / 4.945	7 / 4.955	6 / 4.267	- / -	25 / 20.429	
Total Procurement, All Modifications	- / -	- / -	- / -	- / 2.737	- / -	- / 2.737	5 / 3.525	7 / 4.945	7 / 4.955	6 / 4.267	- / -	25 / 20.429	
Support													
3.1) Integrated Logistics Support	- / -	- / -	- / -	- / 0.203	- / -	- / 0.203	- / 0.295	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / 1.198	
3.2) Production Engineering	- / -	- / -	- / -	- / 0.286	- / -	- / 0.286	- / 0.730	- / 0.931	- / 1.048	- / 0.871	- / 0.300	- / 4.166	
Total Support, All Modifications	-	-	-	0.489	-	0.489	1.025	1.131	1.248	1.071	0.400	5.364	
Total Procurement and Support	-	-	-	3.226	-	3.226	4.550	6.076	6.203	5.338	0.400	25.793	
CB060 DASR Tech Refresh Upgrade Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.822	- / 1.178	- / 1.188	- / 1.026	- / 4.214	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.822	- / 1.178	- / 1.188	- / 1.026	- / 4.214	
Total Cost (Procurement + Support + Installation)	0.000	-	-	3.226	-	3.226	4.550	6.898	7.381	6.526	1.426	30.007	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - CB060 DASR Tech Refresh Upgrade											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB060 DASR Tech Refresh Upgrade																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates														Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: CB060 DASR Tech Refresh Upgrade										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		-		-		-		-		-		-		-		-		-		-		-		-		-					
FY 2012		-		-		-		-		-		-		-		-		-		-		-		-		-					
FY 2013		-		-		-		-		-		-		-		-		-		-		-		-		-					
FY 2014		-		-		-		-		-		-		-		-		-		-		-		-		-					
FY 2015		-		-		-		-		-		-		-		5 / 0.822		-		-		-		-		5 / 0.822					
FY 2016		-		-		-		-		-		-		-		-		7 / 1.178		-		-		-		7 / 1.178					
FY 2017		-		-		-		-		-		-		-		-		-		7 / 1.188		-		-		7 / 1.188					
FY 2018		-		-		-		-		-		-		-		-		-		-		6 / 1.026		-		6 / 1.026					
To Complete		-		-		-		-		-		-		-		-		-		-		-		-		-					
Total		-		-		-		-		-		-		-		5 / 0.822		7 / 1.178		7 / 1.188		6 / 1.026		-		25 / 4.214					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	4	3	-	-	4	3	-	6	25
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	4	3	-	-	4	3	6	25

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - CB070 TAS Tech Refresh		
Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	4.719	-	4.719	9.868	11.449	7.121	5.812	1.850	40.819
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	4.719	-	4.719	9.868	11.449	7.121	5.812	1.850	40.819
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	4.719	-	4.719	9.868	11.449	7.121	5.812	1.850	40.819
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Tower Automation Systems have been fielded since 2001 and are experiencing obsolescence and Information Assurance (IA) issues. These upgrades will address these obsolescence and IA issues as well as maintain compatibility with the FAA's Next Generation (NextGen) Air Transportation System initiatives. Additionally, these upgrades will enhance system performance to provide Common Access Card utilization, multi-source weather reporting and TACAN control. In order to achieve the modernization of the NAS envisioned by NextGen, the FAA is developing a Terminal Flight Data Management (TFDM) platform that integrates flight data systems and decision support tools. The TFDM program is an integrated approach to maximize the efficient collection, distribution, and update of data and improve access to information necessary for the safe and efficient control of air traffic. The TAS will be upgraded to be consistent with the FAA TFDM. This effort includes TAS Tech Refresh efforts directly related to the Engineering Change Proposal (ECP) efforts detailed in cost element CB040 of this budget. The ECP introduces new capability into a common workstation that eliminates a separate visual communications (VISCOM) alert indicator. The nature of that consolidation creates an interdependency with CB040; which addresses severe obsolescence issues that render the current workstation configuration unsupportable. Both software and hardware for these two cost elements overlap and require concurrent efforts. Delay or interruption to either CB040 and/or CB070 causes a break in fleet capability and negatively impacts both flight safety and operator workload.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - CB070 TAS Tech Refresh				

Models of Systems Affected: NAS				Type Modification: Added Capability				Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Procurement												
CB070 TAS Tech Refresh												
B Kits												
Recurring												
2.1.1) End Item - NonOrganic	- / -	- / -	- / -	6 / 3.824	- / -	6 / 3.824	18 / 8.100	18 / 8.411	8 / 4.212	8 / 4.223	- / -	58 / 28.770
<i>Subtotal Recurring</i>	- / -	- / -	- / -	6 / 3.824	- / -	6 / 3.824	18 / 8.100	18 / 8.411	8 / 4.212	8 / 4.223	- / -	58 / 28.770
<i>Total, CB070 TAS Tech Refresh</i>	- / -	- / -	- / -	6 / 3.824	- / -	6 / 3.824	18 / 8.100	18 / 8.411	8 / 4.212	8 / 4.223	- / -	58 / 28.770
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	6 / 3.824	- / -	6 / 3.824	18 / 8.100	18 / 8.411	8 / 4.212	8 / 4.223	- / -	58 / 28.770
Support												
3.1) Integrated Logistics Support	- / -	- / -	- / -	- / 0.238	- / -	- / 0.238	- / 0.235	- / 0.235	- / 0.234	- / 0.201	- / 0.100	- / 1.243
3.2) Production Engineering	- / -	- / -	- / -	- / 0.657	- / -	- / 0.657	- / 0.789	- / 0.573	- / 0.433	- / 0.388	- / 0.400	- / 3.240
<i>Total Support, All Modifications</i>	-	-	-	0.895	-	0.895	1.024	0.808	0.667	0.589	0.500	4.483
<i>Total Procurement and Support</i>	-	-	-	4.719	-	4.719	9.124	9.219	4.879	4.812	0.500	33.253
CB070 TAS Tech Refresh Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.744	- / 2.230	- / 2.242	- / 1.000	- / 1.350	- / 7.566
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.744	- / 2.230	- / 2.242	- / 1.000	- / 1.350	- / 7.566
Total Cost (Procurement + Support + Installation)	0.000	-	-	4.719	-	4.719	9.868	11.449	7.121	5.812	1.850	40.819

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - CB070 TAS Tech Refresh											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB070 TAS Tech Refresh																															
Manufacturer Name: TBD															Manufacturer Location: TBD																
Administrative Leadtime (<i>in Months</i>): 6															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates										Mar 2015				Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: CB070 TAS Tech Refresh										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.744		- / -		- / -		- / -		- / -		- / -		6 / 0.744					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 2.230		- / -		- / -		- / -		- / -		18 / 2.230					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 2.242		- / -		- / -		- / -		18 / 2.242					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.000		- / -		- / -		8 / 1.000					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.350		- / -		8 / 1.350					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.744		18 / 2.230		18 / 2.242		8 / 1.000		8 / 1.350		58 / 7.566					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	9	9	-	-	9	9	-	-	4	4	-	8	58
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	9	9	-	-	9	9	-	-	4	4	8	58

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System					Modification Nomenclature (Modification Number - Modification Title): 7 - CB080 Next Generation Voice Switch			
Models of Systems Affected: NAS			Type Modification: Added Capability					Related RDT&E PEs: 0604504N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	3.577	5.214	9.219	12.627	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	3.577	5.214	9.219	12.627	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	3.577	5.214	9.219	12.627	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The FAA NAS Voice Switch (NVS) is a forward-looking program to replace national airspace system (NAS) voice switches with a new technology switching system capable of supporting future requirements for the Next Generation Air Transportation System (NextGen). Many of these switches are experiencing increasing obsolescence and failures and are in need of replacement. They are not capable of supporting flexible reallocation of access to communications resources, and lack security needed for a network-based communications infrastructure, which is a key concept in modernization of the NAS. The NVS program will provide a key transitional element in the air traffic control voice communications infrastructure as it moves toward realizing the FAA's NextGen vision and a more operationally efficient and economic NAS.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2840 - National Air Space System						Modification Nomenclature (Modification Number - Modification Title): 7 - CB080 Next Generation Voice Switch			
Models of Systems Affected: NAS				Type Modification: Added Capability					Related RDT&E PEs: 0604504N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CB080 Next Generation Voice Switch													
B Kits													
Recurring													
2.1.1) End Item - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.506	3 / 3.759	6 / 7.520	8 / 10.025	39 / 48.872	58 / 72.682	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.506	3 / 3.759	6 / 7.520	8 / 10.025	39 / 48.872	58 / 72.682	
Total, CB080 Next Generation Voice Switch	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.506	3 / 3.759	6 / 7.520	8 / 10.025	39 / 48.872	58 / 72.682	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.506	3 / 3.759	6 / 7.520	8 / 10.025	39 / 48.872	58 / 72.682	
Support													
3.1) Integrated Logistics Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.498	- / 0.288	- / 0.200	- / 0.120	Continuing	Continuing	
3.2) Production Engineering	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.573	- / 0.514	- / 0.512	- / 0.511	Continuing	Continuing	
Total Support, All Modifications	-	-	-	-	-	-	1.071	0.802	0.712	0.631	-	-	
Total Procurement and Support	-	-	-	-	-	-	3.577	4.561	8.232	10.656	48.872	72.682	
CB080 Next Generation Voice Switch Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.653	- / 0.987	- / 1.971	- / 15.416	- / 19.027	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.653	- / 0.987	- / 1.971	- / 15.416	- / 19.027	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	3.577	5.214	9.219	12.627	64.288	91.709	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2840 - National Air Space System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - CB080 Next Generation Voice Switch											
Models of Systems Affected: NAS										Type Modification: Added Capability										Related RDT&E PEs: 0604504N											
Manufacturer Information: CB080 Next Generation Voice Switch																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates														Mar 2016				Mar 2017				Mar 2018				Mar 2019					
Installation: CB080 Next Generation Voice Switch										Method of Implementation: AIT										Installation Name: End Item											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.653		- / -		- / -		- / -		- / -		2 / 0.653					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.987		- / -		- / -		- / -		3 / 0.987					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 1.971		- / -		- / -		6 / 1.971					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 2.624		- / -		8 / 2.624					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		39 / 12.792		- / -		39 / 12.792					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.653		3 / 0.987		6 / 1.971		47 / 15.416		- / -		58 / 19.027					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	1	-	-	3	3	-	47	58
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	1	-	-	3	3	47	58

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2845 - Fleet Air Traffic Control Systems

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	171.386	7.213	6.828	8.909	-	8.909	9.583	8.964	9.165	9.312	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	171.386	7.213	6.828	8.909	-	8.909	9.583	8.964	9.165	9.312	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	171.386	7.213	6.828	8.909	-	8.909	9.583	8.964	9.165	9.312	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	1.032	0.318	0.421	-	0.421	0.356	0.331	0.282	0.704	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

NAVAIR provides shore based Air Traffic Control (ATC) terminal facilities and equipment that are required in joint efforts to efficiently and safely monitor and direct military and commercial air traffic in national and international air space. Many of these systems are required to interface through automated means with the Federal Aviation Administration (FAA). Additionally, NAVAIR has material support responsibility for Air Navigation Aid Systems, Mobile ATC Equipment, Special Instrumentation Systems, and Ancillary Equipment used at Navy and Marine Corps Aviation Shore activities in the continental United States and overseas.

Communications Systems Upgrade Program (MR408) - This program procures and installs advanced commercial state-of-the-art ATC voice switching and recording/reproduction equipment.

Engineering Change Proposal (ECP)/Operational Capability Improvement Request (OCIR) modernization (MR069) - The ECP/OCIR program provides for the procurement and/or modification of critically needed communications, radar, displays, data processors, and other electronic systems/equipment at Navy/Marine Corps ATC facilities worldwide. ECP/OCIR procurements replace and modernize costly-to-maintain systems and equipment in order to increase ATC efficiency and safety, and reduce total ownership costs.

Fiber Optic Intersite System (FOIS) Upgrade Program (MR430) - FOIS is required for Precision Approach Radar (PAR) operations and the AN/FAC-6(V)4 FOIS is required for ATC voice communications at Naval and Marine Corps ATC facilities. This program ensures continued capability of these critical ATC systems.

UHF/VHF Transceiver Replacement Program (MR440) - This program modernizes aging Navy and Marine Corps UHF/VHF Transceivers that are the central core of all ATC emergency communications.

Emergency Communication System (ECS) Upgrade Program (MR445) - This program modernizes obsolete and unsupportable ECS equipment. Voice Switches, Recorders, Reproducers, Uninterruptable Power Supplies, and Built-In Test Equipment will be replaced with modern, supportable components.

Recorder Upgrade Program (MR455) - This program procures and installs state-of-the-art ATC recording/reproducing equipment which will be used to replace aging ATC recorder systems through participation in the FAA's Next Generation Recorder Program.

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LI 2845 - Fleet Air Traffic Control Systems
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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment									P-1 Line Item Nomenclature: 2845 - Fleet Air Traffic Control Systems							Aggregated Item Name: Fleet Air Traffic Control Systems ⁽¹⁾				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Fleet Air Traffic Control Systems																				
1) MR069 ECP/OCIR *	A		51,734.04	188	9.726	100,000.00	2	0.200	100,000.00	2	0.200	105,700.00	10	1.057	-	-	-	105,700.00	10	1.057
2) MR408 COMM System Upgrade	A		306,584.91	53	16.249	425,000.00	2	0.850	427,500.00	2	0.855	428,250.00	4	1.713	-	-	-	428,250.00	4	1.713
3) MR430 Fiber Optic Intersite Upgrade	A		168,950.00	20	3.379	193,330.00	3	0.580	196,670.00	3	0.590	200,000.00	3	0.600	-	-	-	200,000.00	3	0.600
4) MR440 UHF/ VHF Transceiver Replacement	A		16,309.09	110	1.794	18,000.00	25	0.450	18,200.00	20	0.364	18,550.00	20	0.371	-	-	-	18,550.00	20	0.371
5) MR445 Emergency Communication System (ECS) Upgrade **	A		360,166.67	12	4.322	401,000.00	4	1.604	402,000.00	3	1.206	405,000.00	3	1.215	-	-	-	405,000.00	3	1.215
6) MR455 ATC Recorder Upgrade Program	A		82,228.57	35	2.878	87,780.00	9	0.790	88,890.00	9	0.800	92,860.00	7	0.650	-	-	-	92,860.00	7	0.650
7) MR510 Air Field Lighting Control System	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8) MR515 FACSAC Air Control & Tracking System ***	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9) Other Costs ****	A		-	-	133.038	-	-	2.739	-	-	2.813	-	-	3.303	-	-	-	-	-	3.303
Total					171.386			7.213			6.828			8.909			-			8.909
Footnotes:																				
(1) * OCIR - Operational Capability Improvement Request. Unit costs for OCIR vary based upon factors including work being performed and location. ** ECS inventory objective increased to add 4 FACSAC facilities. *** FACSAC - Fleet Area Control and Surveillance Facilities. **** Other costs consist of Integrated Logistics Support, Production Engineering and Non-FMP Installations.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment							P-1 Line Item Nomenclature: 2846 - Landing Systems					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	58.119	7.138	7.646	13.554	-	13.554	13.420	13.577	13.781	13.640	72.970	213.845
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	58.119	7.138	7.646	13.554	-	13.554	13.420	13.577	13.781	13.640	72.970	213.845
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	58.119	7.138	7.646	13.554	-	13.554	13.420	13.577	13.781	13.640	72.970	213.845
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.114	0.032	0.041	-	0.041	0.017	0.017	0.015	0.034	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 The Chief of Naval Operations (CNO) tasked Naval Air Systems Command (NAVAIR) with the requirement to provide shore based Air Traffic Control (ATC) terminal facilities and equipment that are required to efficiently and safely monitor and direct military and commercial air traffic in national and international air space. Many of these systems are required to interface through automated means with the Federal Aviation Administration (FAA). Additionally, NAVAIR has material support responsibility for Air Navigation Aid Systems, Mobile ATC Equipment, Special Instrumentation Systems, and Ancillary Equipment used for Air Traffic Control and Landing Systems (ATC&LS) by the Navy and Marines Corps. This Landing Systems program, in conjunction with the Fleet Air Traffic Control Systems and the National Airspace System Modernization program provide the three pillars by which the Navy supports and meets established requirements to modernize and ensure reliable, safe and effective operations of ATC&LS used at the Navy and Marine Corps air stations worldwide.

This Landing Systems budget provides funding to modernize and ensure the reliability of Precision Approach Radars (PAR), Tactical Air Navigations (TACAN) systems, and other air navigation aids used by the Navy and Marine Corps.

PAR Upgrade Engineering Change Proposals (ECPs) update old technology and extend the service life of PAR. The PAR Upgrade ECPs consist of the Modulator Board Upgrade ECP, the Antenna Upgrade ECP, the Configuration Upgrade ECP, the Turntable Upgrade ECP, the Fiber Optic Intersite System (FOIS) ECP, the Angle Voltage Generator (AVG) Upgrade ECP, and the Technology Refresh Upgrade ECP.

TACAN Upgrades ECPs update old technology and extend the service life of the TACAN. The TACAN Sustainment consists of the Antenna Upgrade ECP, the Shelter Upgrade ECP and the Beacon Upgrade ECP.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment												P-1 Line Item Nomenclature: 2846 - Landing Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Landing Systems	P40A				55.249			6.133			4.458			5.010			-			5.010
1 - AN/FPN-63 PAR TECH REFRESH	P3A				2.870			1.005			3.188			8.544			-			8.544
Total Gross/Weapon System Cost					58.119			7.138			7.646			13.554			-			13.554

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Landing Systems	P40A				-			-			-			-			-			-
1 - AN/FPN-63 PAR TECH REFRESH	P3A				8.640			8.840			8.723			11.221			47.700			100.731
Total Gross/Weapon System Cost					13.420			13.577			13.781			13.640			72.970			213.845

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY2012 provides funding to procure 12 PAR Configuration Upgrades, 1 TACAN Shelter Upgrade and 4 TACAN Beacon Upgrades.

FY2013 provides funding to procure 12 PAR Configuration Upgrades, 1 PAR Tech Refresh, 44 TACAN Antenna Upgrades and 7 TACAN Beacon Upgrades.

FY2014 provides funding to procure 13 PAR Configuration Upgrades, 3 PAR Tech Refresh, 8 TACAN Beacon Upgrades.

Prior years total amount only accounts for items funded in the current FYDP.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment						P-1 Line Item Nomenclature: 2846 - Landing Systems								Aggregated Item Name: Landing Systems						
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Landing Systems																				
1.1) X1030 PAR AVG Upgrade	A		93,485.71	35	3.272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) X1031 PAR FOIS	A		75,285.71	14	1.054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) X1032 PAR TURNTABLE UPGRADE	A		185,300.00	30	5.559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) X1033 - PAR CONFIGURATION UPGRADE	A		87,925.00	40	3.517	18,500.00	12	0.222	20,170.00	12	0.242	20,230.77	13	0.263	-	-	-	20,230.77	13	0.263
1.5) X1040 - TACAN SHELTER UPGRADE	A		295,266.67	15	4.429	315,000.00	1	0.315	-	-	-	-	-	-	-	-	-	-	-	-
1.6) X1041 - TACAN ANTENNA UPGRADE	A		69,558.14	43	2.991	-	-	-	45.45	44	0.002	-	-	-	-	-	-	-	-	-
1.7) X1042 - TACAN BEACON UPGRADE	A		158,800.00	35	5.558	290,000.00	4	1.160	200,000.00	7	1.400	203,625.00	8	1.629	-	-	-	203,625.00	8	1.629
1.8) OTHER COST ⁽¹⁾	A		-	-	28.869	-	-	4.436	-	-	2.814	-	-	3.118	-	-	-	-	-	3.118
Total					55.249			6.133			4.458			5.010			-			5.010

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment									P-1 Line Item Nomenclature: 2846 - Landing Systems						Aggregated Item Name: Landing Systems					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Landing Systems																				
1.1) X1030 PAR AVG Upgrade	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) X1031 PAR FOIS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) X1032 PAR TURNTABLE UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) X1033 - PAR CONFIGURATION UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) X1040 - TACAN SHELTER UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) X1041 - TACAN ANTENNA UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) X1042 - TACAN BEACON UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) OTHER COST ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total					-			-			-			-			-			-
Footnotes: ⁽¹⁾ Other Costs include: Integrated Logistics Support (ILS), Production Engineering (PE), Quality Assurance (A) and non-FMP Installation Costs. In FY14 Other Cost includes integration efforts that were not required in FY13; since the systems planned for FY14 have not had all of the ECPs installed that the FY13 locations have had.																				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2846 - Landing Systems					Modification Nomenclature (Modification Number - Modification Title): 1 - AN/FPN-63 PAR TECH REFRESH				
Models of Systems Affected: Shore Sites			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.870	1.005	3.188	8.544	-	8.544	8.640	8.840	8.723	11.221	47.700	100.73
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.870	1.005	3.188	8.544	-	8.544	8.640	8.840	8.723	11.221	47.700	100.73
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.870	1.005	3.188	8.544	-	8.544	8.640	8.840	8.723	11.221	47.700	100.73
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This ECP constitutes Block 2 and 3 of the Service Life Extension Program for the AN/FPN-63. It will extend the service life to at least 2025 by replacing obsolete receiver/transmitter assemblies, radar video processors, and controller displays with state-of-the-art assemblies/displays. This upgrade will also correct numerous human factors issues. This ECP will be accomplished on 39 deployed AN/FPN-63 Precision Approach Radar (PAR) Systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2846 - Landing Systems				Modification Nomenclature (Modification Number - Modification Title): 1 - AN/FPN-63 PAR TECH REFRESH					
Models of Systems Affected: Shore Sites				Type Modification: Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/FPN-63 PAR TECH REFRESH													
A Kits													
Non-Recurring													
1.3.1) X1036 - PAR Tech Refresh - NonOrganic	1 / 2.870	- / -	1 / 2.369	3 / 7.200	- / -	3 / 7.200	3 / 7.200	3 / 7.200	3 / 7.200	4 / 9.600	18 / 43.300	36 / 86.939	
Subtotal Non-Recurring	1 / 2.870	- / -	1 / 2.369	3 / 7.200	- / -	3 / 7.200	3 / 7.200	3 / 7.200	3 / 7.200	4 / 9.600	18 / 43.300	36 / 86.939	
Total, AN/FPN-63 PAR TECH REFRESH	1 / 2.870	- / -	1 / 2.369	3 / 7.200	- / -	3 / 7.200	3 / 7.200	3 / 7.200	3 / 7.200	4 / 9.600	18 / 43.300	36 / 86.939	
Total Procurement, All Modifications	1 / 2.870	- / -	1 / 2.369	3 / 7.200	- / -	3 / 7.200	3 / 7.200	3 / 7.200	3 / 7.200	4 / 9.600	18 / 43.300	36 / 86.939	
Support													
2.1) Integrated Logistics Support	- / -	- / 0.764	- / 0.509	- / 0.241	- / -	- / 0.241	- / 0.120	- / 0.240	- / 0.203	- / 0.301	- / -	- / 2.378	
2.2) Production Engineering	- / -	- / 0.241	- / 0.230	- / 0.873	- / -	- / 0.873	- / 0.690	- / 0.770	- / 0.690	- / 0.690	- / -	- / 4.184	
2.3) Quality Assurance	- / -	- / -	- / 0.030	- / 0.030	- / -	- / 0.030	- / 0.030	- / 0.030	- / 0.030	- / 0.030	- / -	- / 0.180	
Total Support, All Modifications	-	1.005	0.769	1.144	-	1.144	0.840	1.040	0.923	1.021	-	6.742	
Total Procurement and Support	2.870	1.005	3.138	8.344	-	8.344	8.040	8.240	8.123	10.621	43.300	93.681	
AN/FPN-63 PAR TECH REFRESH Installation Cost	- / 0.000	- / -	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 4.400	- / 7.050	
Total Installation Cost	- / 0.000	- / -	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 4.400	- / 7.050	
Total Cost (Procurement + Support + Installation)	2.870	1.005	3.188	8.544	-	8.544	8.640	8.840	8.723	11.221	47.700	100.731	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2846 - Landing Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/FPN-63 PAR TECH REFRESH																							
Models of Systems Affected: Shore Sites				Type Modification: Reliability				Related RDT&E PEs:																							
Manufacturer Information: AN/FPN-63 PAR TECH REFRESH																															
Manufacturer Name: TBD ⁽²⁾							Manufacturer Location: TBD																								
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 6																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates		Apr 2013	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017																								
Delivery Dates		Aug 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018																								
Installation: AN/FPN-63 PAR TECH REFRESH																															
Method of Implementation: Alteration Installation Team AIT							Installation Name: Trandes																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years	- / -	- / -	1 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.050																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	1 / 0.200	- / -	1 / 0.200	- / -	- / -	- / -	- / -	- / -	1 / 0.200																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600	- / -	- / -	- / -	- / -	3 / 0.600																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600	- / -	- / -	- / -	3 / 0.600																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600	- / -	- / -	3 / 0.600																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600	- / -	3 / 0.600																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.800	4 / 0.800																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.600	18 / 3.600																			
Total	- / -	- / -	1 / 0.050	1 / 0.200	- / -	1 / 0.200	3 / 0.600	3 / 0.600	3 / 0.600	3 / 0.600	22 / 4.400	36 / 7.050																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	22	36
Out	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	22	36
Footnotes: ⁽²⁾ Pending April 2013 Award.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2851 - ID Systems			
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604777N			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	223.628	31.470	35.474	38.934	-	38.934	38.570	35.096	29.038	29.513	45.324	507.047
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	223.628	31.470	35.474	38.934	-	38.934	38.570	35.096	29.038	29.513	45.324	507.047
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	223.628	31.470	35.474	38.934	-	38.934	38.570	35.096	29.038	29.513	45.324	507.047
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.005	0.031	0.053	-	0.053	0.054	0.048	0.040	-	-	0.231
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Identification Systems program funds procurements, installations, and certifications for the following systems: AN/UPX-37 Digital Interrogator (DI), AN/APX-118 Common Digital Transponder (CXP), AN/UPX-29(V) Interrogator System, Mark XIIA Mode 5 and Identification Friend Foe (IFF) support equipment.

The Air Traffic Control (ATC) Radio Beacon System, IFF, Mark XII System (AIMS) is a DOD directed tri-service program designed to provide a universal air traffic control radar beacon system compatible with the National Airspace System Program. It provides a secure identification system for military use on all combatant ships, selected auxiliaries, patrol craft, and selected Coast Guard ships by allowing all friendly forces to identify each other and neutral forces. The Mark XII system supports several missions such as anti-airwarfare, aerial bombardment, and naval attack.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Mark XII/ Mark XIIA Digital Int (MT031)	P3A				75.406			0.767			1.058			0.801			-			0.801
2 - Mark XII/ Mark XIIA Common Digital Transponder (MT032)	P3A				43.665			3.224			3.583			4.026			-			4.026
3 - AN/UPX 24 (V) Mode S (MT035)	P3A				17.162			2.045			3.498			3.631			-			3.631

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2851 - ID Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0604777N									

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4 - Mark XII Mode 5 (MT037)	P3A				64.500			19.966			21.806			22.481			-			22.481
5 - TACAN System Upgrade (MT038)	P3A				9.860			3.132			3.239			4.754			-			4.754
6 - Mode S Digital Interrogator (MT040)	P3A				13.035			2.336			2.290			3.241			-			3.241
Total Gross/Weapon System Cost					223.628			31.470			35.474			38.934			-			38.934

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Mark XII/ Mark XIIA Digital Int (MT031)	P3A				-			-			-			-			-			78.032
2 - Mark XII/ Mark XIIA Common Digital Transponder (MT032)	P3A				3.359			2.840			1.821			-			-			62.518
3 - AN/UPX 24 (V) Mode S (MT035)	P3A				4.486			3.104			4.010			5.382			16.853			60.171
4 - Mark XII Mode 5 (MT037)	P3A				22.840			21.994			15.475			8.352			3.558			200.972
5 - TACAN System Upgrade (MT038)	P3A				4.541			3.837			3.856			11.017			9.755			53.991
6 - Mode S Digital Interrogator (MT040)	P3A				3.344			3.321			3.876			4.762			15.158			51.363
Total Gross/Weapon System Cost					38.570			35.096			29.038			29.513			45.324			507.047

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The purpose of the DI and CXP program is to replace 20-25 year old hardware and software with reliability and maintenance enhancements through the use of COTS/NDI form/fit/function improvements. Incorporation of the Mark XIIA (Mode 5) capability occurred in FY08 and changes nomenclatures from AN/UPX-37 and AN/APX-118(V) to AN/UPX-41(C) and AN/APX-123(V), respectively. Growth capability to incorporate Mode 5 and Mode S functionality is incorporated in equipment design.

The AN/UPX-24(V) Field Change 5 provides open systems architecture for increased expansion capability. The AN/UPX-24(V) Mode S provides improved shipboard combat identification and increases the probability of identification of commercial and neutral aircraft.

The AN/UPX-29(V) Interrogator System is deployed on high capability, state of the art surface platforms that require IFF operational performance beyond that provided by a standard Mark XII system for combat identification.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2851 - ID Systems
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604777N
MDAP/MAIS Code(s): Mark XIIA Mode 5 provides improved secure cooperative combat identification throughout IFF. Mode 5 is a product improvement which is designed to be installed throughout engineering changes to digital Mark XII interrogators and transponders including AN/APX-118/123(V), AN/UPX-37/41(C), and AN/UPX-24(V). Tactical Air Navigation (TACAN) Beacon Upgrade funds a replacement of 1970s technology and eliminates pending parts obsolescence. Installing Agent: Shipyard, Alteration Teams (AIT). When installation to be made: Regular Overhaul/Restricted Availability/Selected Restricted Availability Type of ship to receive equipment: An IFF system is on every ship in the Fleet.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mark XII/ Mark XIIA Digital Int (MT031)				
Models of Systems Affected: AN/UPX-37 / AN/UPX-41(C)			Type Modification: Reliability					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	75.406	0.767	1.058	0.801	-	0.801	-	-	-	-	-	78.032
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	75.406	0.767	1.058	0.801	-	0.801	-	-	-	-	-	78.032
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	75.406	0.767	1.058	0.801	-	0.801	-	-	-	-	-	78.032
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The current AN/UPX-27 is late 1960's technology and no longer meets operational availability requirements due to use beyond its intended life. The Navy incorporated the AN/UPX-37 to provide a more reliable system with the same functionality. Improved technology now drives the Navy requirement for the AN/UPX-41(C) that incorporates the Mark XIIA (Mode 5) capability. Mode S will be added as a growth capability. Inventory Objective of 503 is derived from the Naval Data Environment (NDE) database, the Ships & Aircraft Supplemental Data Table (SASDT) and ship/submarine Ship Program Manager (SPM) procurement plans and schedules. Incorporation of the Mark XIIA (Mode 5) capability occurred in FY08 and changed the nomenclature from AN/UPX-37 to AN/UPX-41(C). LRIP AN/UPX-41(C) units were installed and operated in legacy-only modes until successful completion of the Mode 5 OPEVAL (MT037) and the Full Rate Production decision. Full Rate Production was approved July 2012.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (Modification Number - Modification Title): 1 - Mark XII/ Mark XIIA Digital Int (MT031)					
Models of Systems Affected: AN/UPX-37 / AN/UPX-41(C)				Type Modification: Reliability				Related RDT&E PEs: 0604777N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Mark XII/ Mark XIIA Digital Int (MT031)													
B Kits													
Non-Recurring													
1.1.1) Equipment - NonOrganic ⁽¹⁾	503 / 48.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	503 / 48.154	
Subtotal Non-Recurring	503 / 48.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	503 / 48.154	
Total, Mark XII/ Mark XIIA Digital Int (MT031)	503 / 48.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	503 / 48.154	
Total Procurement, All Modifications	503 / 48.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	503 / 48.154	
Support													
2.1) ILS	- / 4.137	- / 0.011	- / 0.012	- / 0.012	- / -	- / 0.012	- / -	- / -	- / -	- / -	- / -	- / 4.172	
2.2) PE	- / 9.552	- / 0.453	- / 0.537	- / 0.564	- / -	- / 0.564	- / -	- / -	- / -	- / -	- / -	- / 11.106	
2.3) Product Improvement	- / 2.080	- / 0.012	- / 0.013	- / 0.013	- / -	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / 2.118	
2.4) Acceptance, Test & Evaluation	- / 3.733	- / 0.040	- / 0.328	- / 0.042	- / -	- / 0.042	- / -	- / -	- / -	- / -	- / -	- / 4.143	
2.5) Initial Training	- / 0.144	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.144	
Total Support, All Modifications	19.646	0.516	0.890	0.631	-	0.631	-	-	-	-	-	21.683	
Total Procurement and Support	67.800	0.516	0.890	0.631	-	0.631	-	-	-	-	-	69.837	
Mark XII/ Mark XIIA Digital Int (MT031) Installation Cost	- / 7.606	- / 0.251	- / 0.168	- / 0.170	- / -	- / 0.170	- / -	- / -	- / -	- / -	- / -	- / 8.195	
Total Installation Cost	- / 7.606	- / 0.251	- / 0.168	- / 0.170	- / -	- / 0.170	- / -	- / -	- / -	- / -	- / -	- / 8.195	
Total Cost (Procurement + Support + Installation)	75.406	0.767	1.058	0.801	-	0.801	-	-	-	-	-	78.032	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2851 - ID Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mark XII/ Mark XIIA Digital Int (MT031)											
Models of Systems Affected: AN/UPX-37 / AN/UPX-41(C)										Type Modification: Reliability										Related RDT&E PEs: 0604777N											
Manufacturer Information: Mark XII/ Mark XIIA Digital Int (MT031)																															
Manufacturer Name: BAE Systems LP													Manufacturer Location: Greenlawn, NY																		
Administrative Leadtime (<i>in Months</i>): 7													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: Mark XII/ Mark XIIA Digital Int (MT031)										Method of Implementation: AIT										Installation Name: Equipment											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		475 / 7.606		2 / 0.251		2 / 0.168		2 / 0.170		0 / 0.000		2 / 0.170		- / -		- / -		- / -		- / -		- / -		- / -		481 / 8.195					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		475 / 7.606		2 / 0.251		2 / 0.168		2 / 0.170		- / -		2 / 0.170		- / -		- / -		- / -		- / -		- / -		- / -		481 / 8.195					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	475	-	-	1	1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	481
Out	475	-	-	1	1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	481
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2851 - ID Systems	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mark XII/ Mark XIIA Digital Int (MT031)
Models of Systems Affected: AN/UPX-37 / AN/UPX-41(C)	Type Modification: Reliability	Related RDT&E PEs: 0604777N
(1) 9 Additional units were purchased in the prior years to provide to the Mode 5 program contractor as GFE. Units were used in FY04-FY09 for Mode 5 DT/OT and therefore not installed; 10 Additional units purchased in FY03 were first articles used for testing and will not be returned to inventory; FY10- 3 Additional units purchased to provide to the Mode S (DI) program contractor as GFE and will not be installed on ships.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (Modification Number - Modification Title): 2 - Mark XII/ Mark XIIA Common Digital Transponder (MT032)				
Models of Systems Affected: AN/APX-118/AN/APX-123(V)			Type Modification: Reliability					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	43.665	3.224	3.583	4.026	-	4.026	3.359	2.840	1.821	-	-	62.518
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	43.665	3.224	3.583	4.026	-	4.026	3.359	2.840	1.821	-	-	62.518
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	43.665	3.224	3.583	4.026	-	4.026	3.359	2.840	1.821	-	-	62.518
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Current Mark XII transponder systems no longer meet operational reliability and maintainability (R&M) requirements due to use beyond their intended life cycle and they suffer a high cost of ownership due to parts obsolescence. Current surface ship Mark XII transponders will be replaced to continue incremental digital and R&M upgrades to the Mark XII IFF system. The common digital transponder uses an open architecture that allows for future growth, including Mode 5 (AN/APX-123(V)) and Mode S which was incorporated into the production line beginning with the FY 2005 procurement. Inventory Objective of 378 is derived from the Naval Data Environment (NDE) database, the Ships & Aircraft Supplemental Data Table (SASDT) and ship/submarine Ship Program Manager (SPM) procurement plans and schedules. Incorporation of the Mark XIIA (Mode 5) capability occurred in FY08 and changed the nomenclature from AN/APX-118(V) to AN/APX-123(V). LRIP AN/APX-123(V) units were installed and operated in legacy-only modes until successful completion of the Mode 5 OPEVAL (MT037) and Full Rate Production decisioin. Full Rate Production was approved July 2012.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems					Modification Nomenclature (Modification Number - Modification Title): 2 - Mark XII/ Mark XIIA Common Digital Transponder (MT032)				
Models of Systems Affected: AN/APX-118/AN/APX-123(V)				Type Modification: Reliability					Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Mark XII/ Mark XIIA Common Digital Transponder (MT032)													
B Kits													
Recurring													
1.1.1) Equipment - NonOrganic ⁽²⁾	316 / 15.627	- / 1.020	16 / 1.142	17 / 1.182	- / -	17 / 1.182	17 / 1.178	12 / 0.847	- / -	- / -	- / -	378 / 20.996	
1.1.2) Equipment "A" - Organic	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.020	
Subtotal Recurring	316 / 15.647	- / 1.020	16 / 1.142	17 / 1.182	- / -	17 / 1.182	17 / 1.178	12 / 0.847	- / -	- / -	- / -	378 / 21.016	
Total, Mark XII/ Mark XIIA Common Digital Transponder (MT032)	316 / 15.647	- / 1.020	16 / 1.142	17 / 1.182	- / -	17 / 1.182	17 / 1.178	12 / 0.847	- / -	- / -	- / -	378 / 21.016	
Total Procurement, All Modifications	316 / 15.647	- / 1.020	16 / 1.142	17 / 1.182	- / -	17 / 1.182	17 / 1.178	12 / 0.847	- / -	- / -	- / -	378 / 21.016	
Support													
2.1) ILS	- / 2.485	- / 0.038	- / 0.086	- / 0.100	- / -	- / 0.100	- / 0.093	- / 0.063	- / 0.018	- / -	- / -	- / 2.883	
2.2) PE	- / 9.890	- / 1.059	- / 1.428	- / 1.615	- / -	- / 1.615	- / 1.392	- / 1.306	- / 1.349	- / -	- / -	- / 18.039	
2.3) Product Improvement	- / 4.574	- / 0.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.632	
2.4) Acceptance, Test & Evaluation	- / 2.291	- / 0.144	- / 0.130	- / 0.150	- / -	- / 0.150	- / 0.118	- / 0.094	- / 0.028	- / -	- / -	- / 2.955	
2.5) Depot	- / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.010	
2.6) Initial Training	- / 0.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.822	
Total Support, All Modifications	20.072	1.299	1.644	1.865	-	1.865	1.603	1.463	1.395	-	-	29.341	
Total Procurement and Support	35.719	2.319	2.786	3.047	-	3.047	2.781	2.310	1.395	-	-	50.357	
Mark XII/ Mark XIIA Common Digital Transponder (MT032) Installation Cost	- / 7.946	- / 0.905	- / 0.797	- / 0.979	- / -	- / 0.979	- / 0.578	- / 0.530	- / 0.426	- / -	- / -	- / 12.161	
Total Installation Cost	- / 7.946	- / 0.905	- / 0.797	- / 0.979	- / -	- / 0.979	- / 0.578	- / 0.530	- / 0.426	- / -	- / -	- / 12.161	
Total Cost (Procurement + Support + Installation)	43.665	3.224	3.583	4.026	-	4.026	3.359	2.840	1.821	-	-	62.518	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2851 - ID Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Mark XII/ Mark XIIA Common Digital Transponder (MT032)													
Models of Systems Affected: AN/APX-118/AN/APX-123(V)										Type Modification: Reliability										Related RDT&E PEs: 0604777N													
Manufacturer Information: Mark XII/ Mark XIIA Common Digital Transponder (MT032)																																	
Manufacturer Name: BAE Systems LP													Manufacturer Location: Greenlawn, NY																				
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 12																				
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
Contract Dates		Jan 2011				Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018			
Delivery Dates		Jan 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018							
Installation: Mark XII/ Mark XIIA Common Digital Transponder (MT032)													Method of Implementation: AIT										Installation Name: Equipment										
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total										
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		276 / 7.946	15 / 0.905		13 / 0.797		3 / 0.038		0 / 0.000		3 / 0.038		- / -		- / -		- / -		- / -		- / -		307 / 9.686										
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -										
FY 2013		- / -	- / -		- / -		15 / 0.941		- / -		15 / 0.941		1 / 0.041		- / -		- / -		- / -		- / -		16 / 0.982										
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		17 / 0.537		- / -		- / -		- / -		- / -		17 / 0.537										
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		17 / 0.530		- / -		- / -		- / -		17 / 0.530										
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 0.426		- / -		- / -		12 / 0.426										
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -										
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -										
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -										
Total		276 / 7.946	15 / 0.905		13 / 0.797		18 / 0.979		- / -		18 / 0.979		18 / 0.578		17 / 0.530		12 / 0.426		- / -		- / -		369 / 12.161										
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
In	276	3	4	4	4	3	3	3	4	3	5	5	5	4	4	5	5	4	4	4	5	3	3	3	3	-	-	-	-	-	369		
Out	276	3	4	4	4	3	3	3	4	3	5	5	5	4	4	5	5	4	4	4	5	3	3	3	3	-	-	-	-	-	369		
Footnotes:																																	
(2) 9 Additional units were purchased in the prior years to provide to the Mode 5 program contractor as GFE. Units were used in FY04-FY09 for Mode 5 DT/OT and therefore not installed.																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2851 - ID Systems					Modification Nomenclature (Modification Number - Modification Title): 3 - AN/UPX 24 (V) Mode S (MT035)				
Models of Systems Affected: AN/UPX-24(V)			Type Modification: Capability Improvement				Related RDT&E PEs: 0604777N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	17.162	2.045	3.498	3.631	-	3.631	4.486	3.104	4.010	5.382	16.853	60.17
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	17.162	2.045	3.498	3.631	-	3.631	4.486	3.104	4.010	5.382	16.853	60.17
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	17.162	2.045	3.498	3.631	-	3.631	4.486	3.104	4.010	5.382	16.853	60.17
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Incorporation of a Mode S capability in the AN/UPX-24(V) to include an interface with a ship's Combat Systems. Inventory Objective of 125 is derived from the Naval Data Environment (NDE) database, the Ships & Aircraft Supplemental Data Table (SASDT) and ship/submarine Ship Program Manager (SPM) procurement plans and schedules.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (Modification Number - Modification Title): 3 - AN/UPX 24 (V) Mode S (MT035)				
Models of Systems Affected: AN/UPX-24(V)			Type Modification: Capability Improvement					Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/UPX 24 (V) Mode S (MT035)												
B Kits												
Non-Recurring												
1.1.1) Equipment - NonOrganic ⁽³⁾												
Subtotal Non-Recurring												
Total, AN/UPX 24 (V) Mode S (MT035)												
Total Procurement, All Modifications												
Support												
2.1) ILS												
2.2) PE												
2.3) Product Improvement												
2.4) Acceptance, Test & Evaluation												
2.5) Depot												
2.6) Initial Training												
Total Support, All Modifications												
Total Procurement and Support												
AN/UPX 24 (V) Mode S (MT035) Installation Cost												
Total Installation Cost												
Total Cost (Procurement + Support + Installation)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2851 - ID Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/UPX 24 (V) Mode S (MT035)											
Models of Systems Affected: AN/UPX-24(V)										Type Modification: Capability Improvement										Related RDT&E PEs: 0604777N											
Manufacturer Information: AN/UPX 24 (V) Mode S (MT035)																															
Manufacturer Name: BAE Systems LP													Manufacturer Location: Greenlawn, NY																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016					
Delivery Dates										Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017					
Installation: AN/UPX 24 (V) Mode S (MT035)										Method of Implementation: AIT										Installation Name: Equipment											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		9 / 0.234		- / -		9 / 0.234		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.234					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.026		- / -		- / -		- / -		- / -		- / -		1 / 0.026					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 0.429		- / -		- / -		- / -		- / -		13 / 0.429					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		16 / 0.629		- / -		- / -		- / -		16 / 0.629					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 1.080		- / -		- / -		14 / 1.080					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		25 / 1.015		25 / 1.015		25 / 1.015					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		47 / 1.909		47 / 1.909		47 / 1.909					
Total		- / -		- / -		- / -		9 / 0.234		- / -		9 / 0.234		1 / 0.026		13 / 0.429		16 / 0.629		14 / 1.080		72 / 2.924		125 / 5.322		125 / 5.322					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	3	3	3	-	1	-	-	3	4	3	3	4	4	4	4	4	4	3	3	72	125
Out	-	-	-	-	-	-	-	-	-	-	3	3	3	-	1	-	-	3	4	3	3	4	4	4	4	4	4	3	3	72	125
Footnotes: ⁽³⁾ Delayed AN/UPX-24(V) Mode S program to synchronize with the Mode S Digital Interrogator (DI) program; FY12 support is in preparation for FY13 procurements and to address immediate obsolescence issues; Program delayed 1 year due to FAA direction for DoD to develop CoNOPs for Mode S implementation.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Mark XII Mode 5 (MT037)			

Models of Systems Affected: AN/APX-118/123(V), AN/UPX-37/41(C), AN/UPX-24(V)				Type Modification: Capability Improvement				Related RDT&E PEs: 0604777N			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	64.500	19.966	21.806	22.481	-	22.481	22.840	21.994	15.475	8.352	3.558	200.972
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	64.500	19.966	21.806	22.481	-	22.481	22.840	21.994	15.475	8.352	3.558	200.972
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	64.500	19.966	21.806	22.481	-	22.481	22.840	21.994	15.475	8.352	3.558	200.972

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Mark XIIA Mode 5 provides improved secure cooperative combat identification throughout IFF. Mode 5 is a product improvement which is designed to be installed via engineering changes to digital MarkXII interrogators and transponders including, AN/APX-118/123(V), AN/UPX-37/41(C), and AN/UPX-24(V). Procurements will include Cryptography, Long Lead Items, Low-Rate Initial Production (LRIP) Units, Full Rate Production units, Support/Test Equipment, and associated hardware and software changes for Fleet Modernization Plan (FMP) and non-FMP installations. Mode 5 is designed to be installed in all Navy ships which are currently Mode 4 IFF capable. Milestone C and LRIP was approved in July 2006 and Full Rate Production was approved in July 2012. In March 2007, Joint Requirements Oversight Council Memorandum (JROCM 047-07) endorsed a Mode 5 Joint Initial Operational Capability (IOC) in FY 2014 and Joint Full Operational Capability (FOC) in FY 2020.

Procurement and installs differ by 100 due to Naval Special Warfare Forces installing their own units (100).

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (Modification Number - Modification Title): 4 - Mark XII Mode 5 (MT037)				
Models of Systems Affected: AN/APX-118/123(V), AN/UPX-37/41(C), AN/UPX-24(V)				Type Modification: Capability Improvement				Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Mark XII Mode 5 (MT037)												
B Kits												
Non-Recurring												
1.1.1) Equipment - Organic ⁽⁴⁾	- / 3.775	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.775
1.1.2) Mode 5 CXP Systems/Kits - NonOrganic	174 / 4.689	25 / 3.327	60 / 2.086	60 / 2.152	- / -	60 / 2.152	56 / 2.331	55 / 1.627	23 / 1.229	18 / 1.224	- / -	471 / 18.665
1.1.3) Mode 5 UPX-24(V) Kits - NonOrganic	46 / 3.817	12 / 0.979	9 / 0.696	12 / 0.832	- / -	12 / 0.832	11 / 0.789	9 / 0.733	4 / 0.456	- / -	- / -	103 / 8.302
1.1.4) Mode 5 DI Systems/ Kits - NonOrganic	106 / 6.966	40 / 2.706	24 / 1.662	26 / 1.833	- / -	26 / 1.833	29 / 2.081	58 / 4.237	9 / 0.669	- / -	- / -	292 / 20.154
Subtotal Non-Recurring	326 / 19.247	77 / 7.012	93 / 4.444	98 / 4.817	- / -	98 / 4.817	96 / 5.201	122 / 6.597	36 / 2.354	18 / 1.224	- / -	866 / 50.896
Total, Mark XII Mode 5 (MT037)	326 / 19.247	77 / 7.012	93 / 4.444	98 / 4.817	- / -	98 / 4.817	96 / 5.201	122 / 6.597	36 / 2.354	18 / 1.224	- / -	866 / 50.896
Total Procurement, All Modifications	326 / 19.247	77 / 7.012	93 / 4.444	98 / 4.817	- / -	98 / 4.817	96 / 5.201	122 / 6.597	36 / 2.354	18 / 1.224	- / -	866 / 50.896
Support												
2.1) Support Equipment	- / 7.019	- / 0.890	- / 0.856	- / 1.000	- / -	- / 1.000	- / 1.163	- / -	- / -	- / -	- / -	- / 10.928
2.2) ILS	- / 4.182	- / 0.813	- / 0.763	- / 0.825	- / -	- / 0.825	- / 0.834	- / 0.896	- / 0.663	- / 0.367	- / 0.161	- / 9.504
2.3) PE	- / 22.019	- / 4.226	- / 7.013	- / 7.081	- / -	- / 7.081	- / 7.464	- / 6.592	- / 5.343	- / 3.465	- / 1.735	- / 64.938
2.4) Product Improvement	- / 2.078	- / 2.468	- / 2.331	- / 1.126	- / -	- / 1.126	- / 1.060	- / 0.879	- / 0.579	- / 0.270	- / 0.101	- / 10.892
2.5) Acceptance, Test & Evaluation	- / 1.849	- / 0.614	- / 0.805	- / 0.962	- / -	- / 0.962	- / 0.865	- / 1.003	- / -	- / -	- / -	- / 6.098
2.6) Initial Training	- / 0.517	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.517
Total Support, All Modifications	37.664	9.011	11.768	10.994	-	10.994	11.386	9.370	6.585	4.102	1.997	102.877
Total Procurement and Support	56.911	16.023	16.212	15.811	-	15.811	16.587	15.967	8.939	5.326	1.997	153.773
Mark XII Mode 5 (MT037) Installation Cost	- / 7.589	- / 3.943	- / 5.594	- / 6.670	- / -	- / 6.670	- / 6.253	- / 6.027	- / 6.536	- / 3.026	- / 1.561	- / 47.199
Total Installation Cost	- / 7.589	- / 3.943	- / 5.594	- / 6.670	- / -	- / 6.670	- / 6.253	- / 6.027	- / 6.536	- / 3.026	- / 1.561	- / 47.199
Total Cost (Procurement + Support + Installation)	64.500	19.966	21.806	22.481	-	22.481	22.840	21.994	15.475	8.352	3.558	200.972

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2851 - ID Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Mark XII Mode 5 (MT037)	
Models of Systems Affected: AN/APX-118/123(V), AN/UPX-37/41(C), AN/UPX-24(V)			Type Modification: Capability Improvement			Related RDT&E PEs: 0604777N	

Manufacturer Information: Mark XII Mode 5 (MT037)							
Manufacturer Name: BAE Systems LP				Manufacturer Location: Greenlawn, NY			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016
Delivery Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017

Installation: Mark XII Mode 5 (MT037)				Method of Implementation: AIT				Installation Name: Installation Group Name				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	175 / 7.589	43 / 3.943	48 / 3.356	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	266 / 14.888
FY 2012	- / -	- / -	32 / 2.238	40 / 2.532	- / -	40 / 2.532	- / -	- / -	- / -	- / -	- / -	72 / 4.770
FY 2013	- / -	- / -	- / -	61 / 4.138	- / -	61 / 4.138	23 / 1.413	- / -	- / -	- / -	- / -	84 / 5.551
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	78 / 4.840	10 / 0.856	- / -	- / -	- / -	88 / 5.696
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	77 / 5.171	7 / 0.379	- / -	- / -	84 / 5.550
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	114 / 6.157	4 / 0.304	- / -	118 / 6.461
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 2.722	- / -	36 / 2.722
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 1.561	18 / 1.561
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	175 / 7.589	43 / 3.943	80 / 5.594	101 / 6.670	- / -	101 / 6.670	101 / 6.253	87 / 6.027	121 / 6.536	40 / 3.026	18 / 1.561	766 / 47.199

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	175	10	10	10	13	24	26	16	14	28	25	24	24	30	24	25	22	16	24	24	23	33	29	29	30	9	11	11	9	18	766
Out	175	10	10	10	13	24	26	16	14	28	25	24	24	30	24	25	22	16	24	24	23	33	29	29	30	9	11	11	9	18	766

Footnotes:

(4) FYDP procurement/install schedule updated per latest known ship availability schedule.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment			P-1 Line Item Nomenclature: 2851 - ID Systems					Modification Nomenclature (Modification Number - Modification Title): 5 - TACAN System Upgrade (MT038)				
Models of Systems Affected: AN/URN-25			Type Modification: Reliability					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9.860	3.132	3.239	4.754	-	4.754	4.541	3.837	3.856	11.017	9.755	53.99
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9.860	3.132	3.239	4.754	-	4.754	4.541	3.837	3.856	11.017	9.755	53.99
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.860	3.132	3.239	4.754	-	4.754	4.541	3.837	3.856	11.017	9.755	53.99
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Ship Tactical Air Navigation (TACAN) system upgrade. Upgrades will include digital/COTS upgrade to 1970's technology TACAN beacon and reduce parts obsolescence. Inventory Objective of 151 is derived from the Naval Data Environment (NDE) database, the Ships & Aircraft Supplemental Data Table (SASDT) , ship/submarine Ship Program Manager (SPM) procurement plans and schedules and JPALS projected FOC.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems					Modification Nomenclature (Modification Number - Modification Title): 5 - TACAN System Upgrade (MT038)				
Models of Systems Affected: AN/URN-25				Type Modification: Reliability					Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
TACAN System Upgrade (MT038)													
B Kits													
Non-Recurring													
1.1.1) Equipment - NonOrganic ⁽⁵⁾													
10 / 2.1007 / 2.45011 / 2.31017 / 3.604- / -17 / 3.60415 / 3.18013 / 2.73013 / 2.73044 / 9.40021 / 6.400151 / 34.904													
Subtotal Non-Recurring													
10 / 2.1007 / 2.45011 / 2.31017 / 3.604- / -17 / 3.60415 / 3.18013 / 2.73013 / 2.73044 / 9.40021 / 6.400151 / 34.904													
Total, TACAN System Upgrade (MT038)													
10 / 2.1007 / 2.45011 / 2.31017 / 3.604- / -17 / 3.60415 / 3.18013 / 2.73013 / 2.73044 / 9.40021 / 6.400151 / 34.904													
Total Procurement, All Modifications													
10 / 2.1007 / 2.45011 / 2.31017 / 3.604- / -17 / 3.60415 / 3.18013 / 2.73013 / 2.73044 / 9.40021 / 6.400151 / 34.904													
Support													
2.1) ILS													
- / 0.479- / 0.012- / 0.031- / 0.031- / - - / 0.031- / 0.031- / 0.031- / 0.052- / 0.052- / 0.131- / 0.850													
2.2) PE													
- / 7.122- / 0.323- / 0.305- / 0.351- / - - / 0.351- / 0.310- / 0.393- / 0.481- / 0.428- / - - / 9.713													
2.3) Acceptance, Test & Evaluation													
- / 0.100- / - - / - - / - - / - - - / - - / - - - / - - - / 0.117- / 0.217													
2.4) Initial Training													
- / - - / - - / - - - / - - - / - - - / - - - / - - - / 0.087- / 0.087													
Total Support, All Modifications													
7.7010.3350.3360.382-0.3820.3410.4240.5330.4800.33510.867													
Total Procurement and Support													
9.8012.7852.6463.986-3.9863.5213.1543.2639.8806.73545.771													
TACAN System Upgrade (MT038) Installation Cost													
- / 0.059- / 0.347- / 0.593- / 0.768- / - - / 0.768- / 1.020- / 0.683- / 0.593- / 1.137- / 3.020- / 8.220													
Total Installation Cost													
- / 0.059- / 0.347- / 0.593- / 0.768- / - - / 0.768- / 1.020- / 0.683- / 0.593- / 1.137- / 3.020- / 8.220													
Total Cost (Procurement + Support + Installation)													
9.8603.1323.2394.754-4.7544.5413.8373.85611.0179.75553.991													

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment										P-1 Line Item Nomenclature: 2851 - ID Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TACAN System Upgrade (MT038)									
Models of Systems Affected: AN/URN-25										Type Modification: Reliability										Related RDT&E PEs: 0604777N									
Manufacturer Information: TACAN System Upgrade (MT038)																													
Manufacturer Name: TBD															Manufacturer Location: TBD														
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 5														
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates						Feb 2012				Nov 2012				Nov 2013				Nov 2014				Nov 2015				Nov 2016			
Delivery Dates						Jun 2012				Apr 2013				Apr 2014				Apr 2015				Apr 2016				Apr 2017			

Installation: TACAN System Upgrade (MT038)										Method of Implementation: AIT										Installation Name: Equipment									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>															
All Prior Years		1 / 0.059	8 / 0.347	1 / 0.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.449																
FY 2012		- / -	- / -	7 / 0.296	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.296																
FY 2013		- / -	- / -	6 / 0.254	5 / 0.213	- / -	5 / 0.213	- / -	- / -	- / -	- / -	- / -	11 / 0.467																
FY 2014		- / -	- / -	- / -	8 / 0.555	- / -	8 / 0.555	9 / 0.550	- / -	- / -	- / -	- / -	17 / 1.105																
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.470	7 / 0.218	- / -	- / -	- / -	15 / 0.688																
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.465	5 / 0.128	- / -	- / -	13 / 0.593																
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.465	5 / 0.128	- / -	13 / 0.593																
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 1.009	26 / 1.620	44 / 2.629																
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 1.400	21 / 1.400																
Total		1 / 0.059	8 / 0.347	14 / 0.593	13 / 0.768	- / -	13 / 0.768	17 / 1.020	15 / 0.683	13 / 0.593	23 / 1.137	47 / 3.020	151 / 8.220																

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	1	-	2	3	3	3	4	4	3	3	2	4	4	5	4	4	4	4	3	4	4	3	2	4	4	3	2	9	9	47	151
Out	1	-	2	3	3	3	4	4	3	3	2	4	4	5	4	4	4	4	3	4	4	3	2	4	4	3	2	9	9	47	151

Footnotes:

⁽⁵⁾ Original cost projections for this procurement only included specific internal system components being upgraded for a unit cost of approx. \$125K per unit. In order to meet current sustainment requirements, a more comprehensive system upgrade will now be done. This unit cost increase is reflected in FY12 and beyond.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (Modification Number - Modification Title): 6 - Mode S Digital Interrogator (MT040)				
Models of Systems Affected: AN/UPX-37/ ANUPX-41(V)			Type Modification: Capability Improvement					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	13.035	2.336	2.290	3.241	-	3.241	3.344	3.321	3.876	4.762	15.158	51.363
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	13.035	2.336	2.290	3.241	-	3.241	3.344	3.321	3.876	4.762	15.158	51.363
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	13.035	2.336	2.290	3.241	-	3.241	3.344	3.321	3.876	4.762	15.158	51.363
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Adds Mode Select Beacon System (Mode S) commercial aircraft interrogation capability to IFF shipboard interrogators. The Mode S provides improved aircraft surveillance and communications necessary to support air traffic control automation in the dense traffic environments. Mode S provides more accurate aircraft positional information and minimizes interference by discrete interrogation of each Mode S transponder-equipped aircraft and improved processing of aircraft replies. In addition, Mode S provides the medium for a digital data link, which can be used to exchange information between aircraft and various air traffic control functions and weather databases. Inventory Objective of 325 is derived from the Naval Data Environment (NDE) database, the Ships & Aircraft Supplemental Data Table (SASDT) and ship/submarine Ship Program Manager (SPM) procurement plans and schedules.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2851 - ID Systems		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Mode S Digital Interrogator (MT040)	
Models of Systems Affected: AN/UPX-37/ ANUPX-41(V)		Type Modification: Capability Improvement			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Mode S Digital Interrogator (MT040)												
B Kits												
Non-Recurring												
1.1.1) Equipment - NonOrganic ⁽⁶⁾	- / -	- / -	10 / 0.105	3 / 0.032	- / -	3 / 0.032	35 / 0.379	55 / 0.607	39 / 0.438	64 / 0.732	119 / 1.400	325 / 3.693
<i>Subtotal Non-Recurring</i>	- / -	- / -	10 / 0.105	3 / 0.032	- / -	3 / 0.032	35 / 0.379	55 / 0.607	39 / 0.438	64 / 0.732	119 / 1.400	325 / 3.693
<i>Total, Mode S Digital Interrogator (MT040)</i>	- / -	- / -	10 / 0.105	3 / 0.032	- / -	3 / 0.032	35 / 0.379	55 / 0.607	39 / 0.438	64 / 0.732	119 / 1.400	325 / 3.693
<i>Total Procurement, All Modifications</i>	- / -	- / -	10 / 0.105	3 / 0.032	- / -	3 / 0.032	35 / 0.379	55 / 0.607	39 / 0.438	64 / 0.732	119 / 1.400	325 / 3.693
Support												
2.1) Support Equipment	- / 0.688	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.688
2.2) ILS	- / 0.846	- / 0.141	- / 0.146	- / 0.278	- / -	- / 0.278	- / 0.358	- / 0.414	- / 0.442	- / 0.439	- / 2.490	- / 5.554
2.3) PE	- / 10.472	- / 2.195	- / 1.939	- / 2.050	- / -	- / 2.050	- / 1.928	- / 1.490	- / 1.817	- / 1.976	- / 6.431	- / 30.298
2.4) Acceptance, Test & Evaluation	- / 0.406	- / -	- / 0.100	- / 0.621	- / -	- / 0.621	- / 0.600	- / 0.293	- / 0.468	- / 0.338	- / 1.645	- / 4.471
2.5) Depot	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
2.6) Initial Training	- / 0.423	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.423
<i>Total Support, All Modifications</i>	13.035	2.336	2.185	2.949	-	2.949	2.886	2.197	2.727	2.753	10.566	41.634
<i>Total Procurement and Support</i>	13.035	2.336	2.290	2.981	-	2.981	3.265	2.804	3.165	3.485	11.966	45.327
Mode S Digital Interrogator (MT040) Installation Cost	- / 0.000	- / -	- / -	- / 0.260	- / -	- / 0.260	- / 0.079	- / 0.517	- / 0.711	- / 1.277	- / 3.192	- / 6.036
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / 0.260	- / -	- / 0.260	- / 0.079	- / 0.517	- / 0.711	- / 1.277	- / 3.192	- / 6.036
Total Cost (Procurement + Support + Installation)	13.035	2.336	2.290	3.241	-	3.241	3.344	3.321	3.876	4.762	15.158	51.363

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2851 - ID Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Mode S Digital Interrogator (MT040)																								
Models of Systems Affected: AN/UPX-37/ ANUPX-41(V)				Type Modification: Capability Improvement				Related RDT&E PEs: 0604777N																								
Manufacturer Information: Mode S Digital Interrogator (MT040)																																
Manufacturer Name: BAE Systems LP								Manufacturer Location: Greenlawn, NY																								
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 12																								
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
Contract Dates									Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016							
Delivery Dates									Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017							
Installation: Mode S Digital Interrogator (MT040)																																
Method of Implementation: AIT								Installation Name: Equipment																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																				
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	- / -	10 / 0.260	- / -	10 / 0.260	- / -	- / -	- / -	- / -	- / -	10 / 0.260																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.079	- / -	- / -	- / -	- / -	3 / 0.079																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 0.517	- / -	- / -	- / -	35 / 0.517																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 0.711	- / -	- / -	55 / 0.711																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 1.277	- / -	39 / 1.277																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 1.116	64 / 1.116																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 2.076	119 / 2.076																				
Total	- / -	- / -	- / -	10 / 0.260	- / -	10 / 0.260	3 / 0.079	35 / 0.517	55 / 0.711	39 / 1.277	183 / 3.192	325 / 6.036																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	2	2	3	3	1	1	1	-	8	9	9	9	13	14	14	14	9	10	10	10	183	325	
Out	-	-	-	-	-	-	-	-	-	2	2	3	3	1	1	1	-	8	9	9	9	13	14	14	14	9	10	10	10	183	325	
Footnotes:																																
⁽⁶⁾ 1. FY12 support is in preparation for FY13 procurements and to address immediate obsolescence issues.																																

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment	P-1 Line Item Nomenclature: 2876 - Naval Mission Planning Systems

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	175.652	8.941	9.958	14.131	-	14.131	14.353	14.808	11.398	11.352	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	175.652	8.941	9.958	14.131	-	14.131	14.353	14.808	11.398	11.352	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	175.652	8.941	9.958	14.131	-	14.131	14.353	14.808	11.398	11.352	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	0.232	0.121	0.639	-	0.639	-	-	-	-	-	0.992
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item provides funding to procure Joint Mission Planning System (JMPS) workstations, Software/Production Engineering Support and Integrated Logistics Support (ILS). JMPS is the Chief of Naval Operation's (CNO) designated automated mission planning system for the Navy. JMPS enables weapon system employment by providing the information and decision aids needed to rapidly plan aircraft, weapon or sensor missions, load mission data into aircraft and weapons, and conduct post mission analysis. JMPS consists of two types of workstations - Maritime (JMPS-M) and Expeditionary (JMPS-E). JMPS-M is the primary product within the Naval Mission Planning System (NavMPS). The Navy's modern aircraft need data loaded from JMPS-M to fly their missions. As weapons become more advanced, they will require higher levels of detail in the data and more data that supports mission planning. These data requirements will require more advanced processors and greater amounts of contiguous memory. JMPS-M flight planning seats refer to the computer workstations that employ the JMPS framework software. JMPS-E is a tailorable and collaborative web-based mission planning system for the Amphibious Ready Group (ARG) Amphibious Squadron (PHIBRON). Program cost is not directly related to FY hardware quantity; software is a cost factor independent of FY hardware quantity and cost. Funding profile accounts for required four year workstations refresh to preclude aging hardware, increased failure rates, emerging technology and increased memory requirements.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Naval Mission Planning Systems	P40A, P5A				175.652			8.941			9.958			14.131			-			14.131
Total Gross/Weapon System Cost					175.652			8.941			9.958			14.131			-			14.131

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment		P-1 Line Item Nomenclature: 2876 - Naval Mission Planning Systems
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: Items to be funded in this line include: Workstation Components - JMPS-M and JMPS-E procure tactical computer hardware through a non-developmental item acquisition strategy. Tactical computer equipment is used to plan and analyze expeditionary missions and aircraft routes under various mission configurations and operational threat environments. Primary outputs are tasking orders, courses of action (COAs), route plans, and mission essential data loads for mission execution. New workstations consist of aircraft unique data transfer devices and interfaces, Memory Data Loader Receptacles (MDLR) Small Computer Standard Interface (SCSI) (MDLR-S), Data Storage Unit Receptacle SCSI (DSUR-S), network hubs, printers, fleet training school workstations and other peripheral devices for USN/USNR/USMC/USMCR missions. Legacy data loader receptacle failures in addition to computer interface obsolescence and an inability to influence airframe changes for legacy aircraft in sustainment, drive a need to obtain a new data loader using a more extensive interface. JMPS Authority to Operate (ATO) requires compliance with Naval Network Warfare Command (NNWC)-issued Information Assurance (IA) mandates and Communications Tasking Orders (CTOs). Software/Production Engineering Support - The NavMPS program produces software releases via an evolutionary development process. These releases contain enhancements based on fleet inputs and technology challenges. They also contain changes required to retain compatibility with supported platforms, associated weapons, and threat and imagery databases providing input to NavMPS. Software releases are independent of hardware buys. Cost element includes production support services, engineering support services, independent verification and validation test and acceptance, site activation, IA compliance and quality assurance efforts. Integrated Logistics Support - Site surveys, prepare site installation drawings, on-site engineering and logistics evaluations for installations and delivery systems comply with the specified configuration. This includes the production and delivery of technical documentation and training materials such as OPNOTES, installation instructions, user manuals required during the fielding of NavMPS products. ILS is a cost factor independent of FY hardware quantity and cost. FY12 provided funding to procure seven hundred fifty (750) JMPS-M flight planning seats and fifty-three (53) JMPS-E workstations, the continuation of enhancements of software releases based on fleet inputs, emerging technologies, IA compliance and associated logistics support. FY13 provides funding to procure eight hundred fifty eight (858) JMPS-M flight planning seats, and five (5) JMPS-E workstations, the continuation of enhancements of software releases based on fleet inputs, emerging technologies, IA compliance and associated logistics support. FY14 provides funding to procure seven hundred fifty (750) JMPS-M flight planning seats, Advanced Data Loader receptacles (ADLR) and five (5) JMPS-E workstations, the continuation of enhancements of software releases based on fleet inputs, emerging technologies, IA compliance and associated logistics support.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment								P-1 Line Item Nomenclature: 2876 - Naval Mission Planning Systems						Aggregated Item Name: Naval Mission Planning Systems						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Naval Mission Planning Systems ⁽¹⁾																				
† 1) S7403 JMPS-M FLIGHT PLANNING SEAT ⁽²⁾	A		5,228.50	6,674	34.895	3,870.00	750	2.902	4,202.80	858	3.606	3,336.00	750	2.502	-	-	-	3,336.00	750	2.502
† 2) S7408 JMPS-E EXPEDITIONARY WARFARE ⁽³⁾	A		5,264.15	159	0.837	4,910.00	53	0.260	7,200.00	5	0.036	3,362.60	5	0.016	-	-	-	3,362.60	5	0.016
3) S7850 JMPS-M Support Equipment ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	5.369	-	-	-	-	-	5.369
4) S7851 JMPS-E Support Equipment ⁽⁵⁾	A		-	-	-	-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	0.022
5) S7820 Other Costs ⁽⁶⁾	A		-	-	139.920	-	-	5.779	-	-	6.316	-	-	-	-	-	-	-	-	-
6) S7830 Software/ Production Engineering Support	A		-	-	-	-	-	-	-	-	-	-	-	5.464	-	-	-	-	-	5.464
7) S7800 Integrated Logistics Support	A		-	-	-	-	-	-	-	-	-	-	-	0.758	-	-	-	-	-	0.758
Total					175.652			8.941			9.958			14.131			-			14.131
Footnotes: (1) Quantities only reflect JMPS-M laptop procurement. Quantities adjusted to meet Fleet demand. (2) Quantities only reflect JMPS-M laptop procurement. Quantities adjusted to meet Fleet demand. (3) Quantities only reflect JMPS-E laptop procurement. Quantities adjusted to meet Fleet demand. (4) Support Equipment includes storage devices, network hubs, printers, initial fleet training school workstations, Advanced Data Loader Receptacles and other peripheral devices for USN/USNR/USMC/USMCR missions. FY14 cost increase due to obsolescence issues for data loader receptacles and storage devices. (5) Support Equipment includes storage devices, network hubs, printers, and other peripheral devices for USN/USNR/USMC/USMCR missions. (6) Other costs consist of Integrated Logistics Support, Software/Production Engineering and Non-Fleet Modernization Program (FMP) Installations. Increase in FY13 due to number of Mission Planning Environments supported and Windows 7 technical documentation.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 9: Aviation Electronic Equipment				P-1 Line Item Nomenclature: 2876 - Naval Mission Planning Systems					Aggregated Item Name: Naval Mission Planning Systems			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Naval Mission Planning Systems												
1) S7403 JMPS-M FLIGHT PLANNING SEAT		2012 ⁽⁷⁾	US Schematix, LLC / Richmond,VA	C / FFP	NAWCWD, Point Mugu	Apr 2012	May 2012	750	3,870.00	Y		Mar 2012
1) S7403 JMPS-M FLIGHT PLANNING SEAT		2013 ⁽⁸⁾	TBD / TBD	C / FFP	NAWCWD, Point Mugu	Mar 2013	Apr 2013	858	4,202.80	Y		Feb 2013
1) S7403 JMPS-M FLIGHT PLANNING SEAT		2014 ⁽⁹⁾	TBD / TBD	C / FFP	NAWCWD, Point Mugu	Apr 2014	May 2014	750	3,336.00	N	Jul 2013	Mar 2014
2) S7408 JMPS-E EXPEDITIONARY WARFARE		2012 ⁽¹⁰⁾	US Schematix, LLC / Richmond,VA	C / FFP	NAWCWD, Point Mugu	Apr 2012	May 2012	53	4,910.00	Y		Mar 2012
2) S7408 JMPS-E EXPEDITIONARY WARFARE		2013 ⁽¹¹⁾	TBD / TBD	C / FFP	NAWCWD, Point Mugu	Mar 2013	Apr 2013	5	7,200.00	Y		Feb 2013
2) S7408 JMPS-E EXPEDITIONARY WARFARE		2014 ⁽¹²⁾	TBD / TBD	C / FFP	NAWCWD, Point Mugu	Apr 2014	May 2014	5	3,362.60	N	Jul 2013	Mar 2014
Footnotes: ⁽⁷⁾ GETAC X500 will be used for FY12 procurement to met Information Assurance mandates from Naval Network Warfare Command (NNMC). ⁽⁸⁾ GETAC X500 will be used for FY13 procurement. ⁽⁹⁾ Laptop model for FY14 procurement TBD. ⁽¹⁰⁾ GETAC X500 will be used for FY12 procurement to met Information Assurance mandates from Naval Network Warfare Command (NNMC). ⁽¹¹⁾ GETAC X500 will be used for FY13 procurement. ⁽¹²⁾ Laptop model for FY14 procurement TBD												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2804 - Depl JT Cmd & Control (DJC2)					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0603237N				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	139.823	8.657	9.064	3.249	-	3.249	3.453	3.252	3.354	3.393	144.033	318.278
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	139.823	8.657	9.064	3.249	-	3.249	3.453	3.252	3.354	3.393	144.033	318.278
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	139.823	8.657	9.064	3.249	-	3.249	3.453	3.252	3.354	3.393	144.033	318.278
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.369	0.414	0.332	-	0.332	0.333	0.317	0.307	0.312	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Deployable Joint Command and Control (DJC2) provides a self contained, standardized, rapidly deployable, modular, scaleable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the material solution to Defense Planning Guidance that called for the development of Standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and JFCs a mission critical, integrated family of systems with which to plan, control, coordinate, and assess operations. It is designed to deploy rapidly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of JTF operations. The DJC2 has also been deployed in support of Humanitarian Assistance and Disaster Relief (HA/DR) efforts. The capability is intended for all levels of conflict and will be reconfigurable to meet specific GCC and JTF mission requirements. This capability is interoperable with higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces. DJC2 sites are as follows: 6 DJC2 cores garrisoned at USSOUTHCOM Tampa, Florida (1), USEUCOM Stuttgart, Germany (1), US Army South, San Antonio, Texas (1), AFRICOM (SETAF) Vicenza, Italy (1), USPACOM Camp Smith, Hawaii (1), and Marine Expeditionary Force (III MEF) Camp Hensen, Japan (1). Note that DJC2 is not a follow-on or replacement system for the joint Global Command and Control Systems (GCCS); rather, DJC2 will utilize GCCS in its core suite of applications, ensuring interoperability with the worldwide-installed base of GCCS-J.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment											P-1 Line Item Nomenclature: 2804 - Depl JT Cmd & Control (DJC2)										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0603237N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Depl JT Cmd & Control (DJC2)	P40A, P5A			139.823			8.657			9.064			3.249			-			3.249		
Total Gross/Weapon System Cost				139.823			8.657			9.064			3.249			-			3.249		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY14 procures System Enhancements for the six cores.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2804 - Depl JT Cmd & Control (DJC2)								Aggregated Item Name: Depl JT Cmd & Control (DJC2)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) Increment I RRK/EoIP Enhancements (JH400)																				
† 1.1) Increment I RRK/EoIP Enhancements ⁽¹⁾	A		-	-	-	525.000	2	1.050	390.000	2	0.780	-	-	-	-	-	-	-	-	
Subtotal 1) Increment I RRK/EoIP Enhancements (JH400)					-			1.050			0.780			-		-			-	
2) Increment I System Enhancements (JH500)																				
† 2.1) Increment I System Enhancements ⁽²⁾	A		17,477.875	8	139.823	2,535.667	3	7.607	2,761.333	3	8.284	541.500	6	3.249	-	-	-	541.500	6	3.249
Subtotal 2) Increment I System Enhancements (JH500)					139.823			7.607			8.284			3.249		-			3.249	
Total					139.823			8.657			9.064			3.249		-			3.249	

Footnotes:

(1) Greater unit cost in FY12 due to higher integration for the initial procurement and delivery of RRKs to Naval Mine and Antisubmarine Warfare Command (NMAWC).

(2) Quantities listed represent DJC2 core system enhancements. Unit costs vary due to different core system enhancements at each site from year to year. Beginning in FY14, minor upgrades will occur at all six sites vice major upgrades at three sites per year.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2804 - Depl JT Cmd & Control (DJC2)					Aggregated Item Name: Depl JT Cmd & Control (DJC2)			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Increment I RRK/EoIP Enhancements (JH400)												
1.1) Increment I RRK/EoIP Enhancements		2012 ⁽³⁾	NSWC PC / Panama City, FL	WR	Panama City, FL	Nov 2011	Apr 2012	2	525.000	Y		
1.1) Increment I RRK/EoIP Enhancements		2013	NSWC PC / Panama City, FL	WR	Panama City, FL	Dec 2012	May 2013	2	390.000	Y		
2) Increment I System Enhancements (JH500)												
2.1) Increment I System Enhancements		2012	NSWC PC / Panama City, FL	WR	Panama City, FL	Jan 2012	Sep 2012	3	2,535.667	Y		
2.1) Increment I System Enhancements		2013	NSWC PC / Panama City, FL	WR	Panama City, FL Panama City, FL	Dec 2012	Aug 2013	3	2,761.333	Y		
2.1) Increment I System Enhancements		2014 ⁽⁴⁾	NSWC PC / Panama City, FL	WR	Panama City, FL	Nov 2013	Apr 2014	6	541.500	Y		
Footnotes: ⁽³⁾ NSWC Panama City is the government lead integrator in support of DJC2 and uses various contracts to support those efforts. ⁽⁴⁾ Quantities listed represent DJC2 core system enhancements. Unit costs vary due to different core system enhancements at each site from year to year. Beginning in FY14, minor upgrades will occur at all six sites vice major upgrades at three sites per year.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	47.245	13.021	16.026	11.646	-	11.646	4.975	0.272	0.003	-	-	93.188
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	47.245	13.021	16.026	11.646	-	11.646	4.975	0.272	0.003	-	-	93.188
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	47.245	13.021	16.026	11.646	-	11.646	4.975	0.272	0.003	-	-	93.188
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	0.479	-	-	-	-	-	-	-	-	0.479
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Maritime Integrated Broadcast Service (MIBS): Project charter is to deliver Integrated Broadcast Service (IBS) data to operational and tactical decision makers aboard United States Navy surface ships, shore headquarters, and other joint platforms. It disseminates organic and non-organic derived data from Navy platforms to other theater tactical, operational, and strategic users. MIBS will give the Navy a capability to receive, transmit, and deliver near real time IBS data, enhancing the Common Operational Picture (COP) supporting operations in all warfare areas, including Ballistic Missile Defense (BMD), Anti-Air Warfare (AAW), Anti-Surface Warfare (ASW), Undersea Warfare (UW), and Electronic Warfare (EW). DH530: Joint Tactical Terminal - Maritime (JTT-M) (AN/USQ-151) System is a Ultra High Frequency Satellite Communications system that will give the shipboard and ashore users the capability to participate in national and joint theater level tactical intelligence data exchange through the IBS network using Integrated Broadcast Service-Simplex (IBS-S) and IBS-Interactive (IBS-I) data. The IBS networks feed the Common Operational Intelligence Picture and Maritime Domain Awareness with critical data, supports operational and strategic decision makers at component and combatant commander levels. JTT interfaces with Joint BMD systems to include: Aegis BMD, Theatre High Altitude Area Defense Missile System, and Patriot. JTT-M supports international naval relationships with IBS partner nations through interoperability, enables warfighters with national and theater tactical intelligence support in all warfare areas, strengthens collaborative environment for joint warfighting, and enhances effects based strike with increased Measure of Effectiveness (MOE) data set availability. JTT-M system (AN/USQ-151) will replace legacy terminals (Tactical Receive Equipment (TRE) and Commanders Tactical Terminal (CTT)), that will become obsolete with the National Security Agency (NSA) crypto modernization mandate, as well as be able to provide IBS capability to Aegis platforms without IBS terminals. DH530: AN/USC-62 Upgrade Kits: The JTT-M AN/USQ -151 system is comprised of an AN/USC-62, JTT - Senior (Sr) subsystem, an operator workstation, and various pieces of equipment needed to interface and integrate the terminal into a Navy platform. The AN/USC-62 Upgrade Kits will enable compliance with NSA crypto modernization mandate, Common Message Format (CMF) and Common Integrated Broadcast (CIB) waveform. DH530: Universal Computers: The procurement of new Grade A Universal Computers is required to host hardware and software to configure the AN/USC-62 terminal, as well as display and process IBS data. The universal computers are being replaced due to obsolescence.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment												P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP	P3A				3.637			2.837			4.404			-			-			-
2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE	P3A				1.382			1.006			0.693			-			-			-
3 - AN/USQ-151, JTT-M SYSTEMS - Ship	P3A				39.274			6.792			10.929			10.121			-			10.121
4 - AN/USQ-151, JTT-M SYSTEM - Shore	P3A				2.952			2.386			-			1.525			-			1.525
Total Gross/Weapon System Cost					47.245			13.021			16.026			11.646			-			11.646

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP	P3A				-			-			-			-			-			10.878
2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE	P3A				-			-			-			-			-			3.081
3 - AN/USQ-151, JTT-M SYSTEMS - Ship	P3A				2.394			-			-			-			-			69.510
4 - AN/USQ-151, JTT-M SYSTEM - Shore	P3A				2.581			0.272			0.003			-			-			9.719
Total Gross/Weapon System Cost					4.975			0.272			0.003			-			-			93.188

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY14 funds will be used to procure (7) AN/USQ-151 JTT-M Systems.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System				Modification Nomenclature (Modification Number - Modification Title): 1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP				
Models of Systems Affected: Ship			Type Modification: Upgrade					Related RDT&E PEs: 0303109N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.637	2.837	4.404	-	-	-	-	-	-	-	-	10.878
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.637	2.837	4.404	-	-	-	-	-	-	-	-	10.878
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3.637	2.837	4.404	-	-	-	-	-	-	-	-	10.878
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The AN/USQ-151, JTT-M system is a Ultra High Frequency (UHF) Satellite Communications (SATCOM) radio system that will give the shipboard and ashore users the capability to participate in national and joint theater level tactical intelligence data exchange through the Integrated Broadcast Service (IBS) network using IBS-Simplex (IBS-S) and IBS-Interactive (IBS-I) data. AN/USC-62 upgrade kits update the terminals to support National Security Agency (NSA) mandated crypto modernization, Common Message Format (CMF) and Common Integrated Broadcast (CIB) waveform. The universal computers are being replaced due to obsolescence.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System						Modification Nomenclature (Modification Number - Modification Title): 1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP			
Models of Systems Affected: Ship				Type Modification: Upgrade					Related RDT&E PEs: 0303109N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP													
B Kits													
Recurring													
1.1) AN/USC-62 Upgrade Kit - NonOrganic ⁽¹⁾	52 / 3.200	15 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 4.400	
1.2) Universal Computers - Organic ⁽²⁾	- / -	27 / 0.567	40 / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 1.487	
Subtotal Recurring	52 / 3.200	42 / 1.767	40 / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 5.887	
Total, AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP	52 / 3.200	42 / 1.767	40 / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 5.887	
Total Procurement, All Modifications	52 / 3.200	42 / 1.767	40 / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 5.887	
Support													
1.1) Production Support	- / 0.437	- / 0.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.532	
Total Support, All Modifications	0.437	0.095	-	-	-	-	-	-	-	-	-	0.532	
Total Procurement and Support	3.637	1.862	0.920	-	-	-	-	-	-	-	-	6.419	
AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP Installation Cost	- / 0.000	- / 0.975	- / 3.484	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.459	
Total Installation Cost	- / 0.000	- / 0.975	- / 3.484	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.459	
Total Cost (Procurement + Support + Installation)	3.637	2.837	4.404	-	-	-	-	-	-	-	-	10.878	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP				
Models of Systems Affected: Ship				Type Modification: Upgrade				Related RDT&E PEs: 0303109N				
Manufacturer Information: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP												
Manufacturer Name: Raytheon ⁽³⁾						Manufacturer Location: St. Petersburg, FL						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 18						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Feb 2012	Nov 2012										
Delivery Dates	Aug 2013	May 2014										
Manufacturer Name: NCS Technologies Inc. ⁽⁴⁾						Manufacturer Location: Gainesville, VA						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 3						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Nov 2011	Nov 2012										
Delivery Dates	Feb 2012	Feb 2013										
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP				Method of Implementation: Ship				Installation Name: AN/USC-62 Upgrade Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	15 / 0.975	37 / 2.479	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 3.454
FY 2012	- / -	- / -	15 / 1.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.005
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	15 / 0.975	52 / 3.484	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 4.459

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP												
Models of Systems Affected: Ship										Type Modification: Upgrade										Related RDT&E PEs: 0303109N												
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP										Method of Implementation: Ship										Installation Name: AN/USC-62 Upgrade Kit												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	1	4	10	12	14	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67
Out	-	-	-	1	4	10	12	14	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHIP																																
										Method of Implementation: Not Installed - Universal Computers										Installation Quantity: 67												
Footnotes: (1) The MIBS program is procuring (67) AN/USC-62 upgrade kits from the Army's JTT-M Joint Program Office (JPO) contract to support the NSA Mandated Crypto Upgrade cutoff date. Prior year funds procured 52 ship and 20 shore upgrade kits. (2) The Universal Computers are required to configure the AN/USC-62 Upgrade Kits, therefore they will be installed in conjunction with the upgrade kits. (3) AN-USC-62 Upgrade Kit (4) Universal Computers																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE			
Models of Systems Affected: Shore			Type Modification: Upgrade					Related RDT&E PEs: 0303109N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1.382	1.006	0.693	-	-	-	-	-	-	-	-	3.081
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1.382	1.006	0.693	-	-	-	-	-	-	-	-	3.081
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1.382	1.006	0.693	-	-	-	-	-	-	-	-	3.081
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The AN/USQ-151, JTT-M system is a Ultra High Frequency (UHF) Satellite Communications (SATCOM) radio system that will give the shipboard and ashore users the capability to participate in national and joint theater level tactical intelligence data exchange through the Integrated Broadcast Service (IBS) network using IBS-Simplex (IBS-S) and IBS-Interactive (IBS-I) data. AN/USC-62 upgrade kits update the terminals to support National Security Agency (NSA) mandated crypto modernization, Common Message Format (CMF) and Common Integrated Broadcast (CIB) waveform. The universal computers are being replaced due to obsolescence.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System						Modification Nomenclature (Modification Number - Modification Title): 2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE			
Models of Systems Affected: Shore				Type Modification: Upgrade				Related RDT&E PEs: 0303109N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE													
B Kits													
Recurring													
1.1.1) AN/USC-62 Upgrade Kit - NonOrganic ⁽⁵⁾	20 / 1.255	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.255	
1.1.2) Universal Computers - Organic ⁽⁶⁾	- / -	16 / 0.336	1 / 0.023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.359	
Subtotal Recurring	20 / 1.255	16 / 0.336	1 / 0.023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 1.614	
Total, AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE	20 / 1.255	16 / 0.336	1 / 0.023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 1.614	
Total Procurement, All Modifications	20 / 1.255	16 / 0.336	1 / 0.023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 1.614	
Support													
2.1) Production Support	- / 0.127	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.147	
Total Support, All Modifications	0.127	0.020	-	-	-	-	-	-	-	-	-	0.147	
Total Procurement and Support	1.382	0.356	0.023	-	-	-	-	-	-	-	-	1.761	
AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE Installation Cost	- / 0.000	- / 0.650	- / 0.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.320	
Total Installation Cost	- / 0.000	- / 0.650	- / 0.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.320	
Total Cost (Procurement + Support + Installation)	1.382	1.006	0.693	-	-	-	-	-	-	-	-	3.081	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE				
Models of Systems Affected: Shore			Type Modification: Upgrade					Related RDT&E PEs: 0303109N				
Manufacturer Information: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE												
Manufacturer Name: Raytheon ⁽⁷⁾							Manufacturer Location: St. Petersburg, FL					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Feb 2012											
Delivery Dates	Aug 2013											
Manufacturer Name: TBD ⁽⁸⁾							Manufacturer Location: TBD					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 3					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Nov 2011	Nov 2012										
Delivery Dates	Feb 2012	Feb 2013										
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE			Method of Implementation: Shore					Installation Name: AN/USC-62 Upgrade Kit				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	10 / 0.650	10 / 0.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.320
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	10 / 0.650	10 / 0.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.320

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013																																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment											P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE																																					
Models of Systems Affected: Shore										Type Modification: Upgrade										Related RDT&E PEs: 0303109N																																							
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE											Method of Implementation: Shore										Installation Name: AN/USC-62 Upgrade Kit																																						
Installation Schedule																																																											
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018																																	
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot																												
In	-	-	-	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20																												
Out	-	-	-	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20																												
Installation: AN/USC-62 UPGRADE KITS & UNIVERSAL COMPUTER - SHORE <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td colspan="10" style="padding: 5px;">Method of Implementation: Not Installed - Universal Computers</td> <td colspan="20" style="padding: 5px;">Installation Quantity: 17</td> </tr> </table>																														Method of Implementation: Not Installed - Universal Computers										Installation Quantity: 17																			
Method of Implementation: Not Installed - Universal Computers										Installation Quantity: 17																																																	
Footnotes: ⁽⁵⁾ The MIBS program is procuring (20) AN/USC-62 upgrade kits from the Army's JTT-M Joint Program Office (JPO) contract to support the NSA Mandated Crypto Upgrade cutoff date. ⁽⁶⁾ The Universal Computers are required to configure the AN/USC-62 Upgrade Kits, therefore they will be installed in conjunction with the upgrade kits. We are only procuring (17) shore universal computers because (3) shore sites do not require the universal computer upgrade. ⁽⁷⁾ AN-USC-62 Upgrade Kit ⁽⁸⁾ Universal Computers																																																											

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System					Modification Nomenclature (Modification Number - Modification Title): 3 - AN/USQ-151, JTT-M SYSTEMS - Ship				
Models of Systems Affected: Ship			Type Modification: New Model					Related RDT&E PEs: 0303109N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	39.274	6.792	10.929	10.121	-	10.121	2.394	-	-	-	-	69.510
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	39.274	6.792	10.929	10.121	-	10.121	2.394	-	-	-	-	69.510
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	39.274	6.792	10.929	10.121	-	10.121	2.394	-	-	-	-	69.510
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The AN/USQ-151, JTT-M system is a Ultra High Frequency (UHF) Satellite Communications (SATCOM) radio system that will give the shipboard and ashore users the capability to participate in national and joint theater level tactical intelligence data exchange through the Integrated Broadcast Service (IBS) network using IBS-Simplex (IBS-S) and IBS-Interactive (IBS-I) data. New AN/USQ-62, JTT-Senior systems will replace legacy terminals (Tactical Receive Equipment (TRE) and Commanders Tactical Terminal (CTT)) which will become obsolete with the National Security Agency (NSA) crypto modernization mandate as well as be able to provide IBS capability to AEGIS platforms without IBS terminals. First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System					Modification Nomenclature (Modification Number - Modification Title): 3 - AN/USQ-151, JTT-M SYSTEMS - Ship			
Models of Systems Affected: Ship			Type Modification: New Model					Related RDT&E PEs: 0303109N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/USQ-151, JTT-M SYSTEMS - Ship												
B Kits												
Recurring												
1.1.1) AN/USQ-151, JTT-M Systems - NonOrganic ⁽⁹⁾	44 / 19.071	12 / 5.700	11 / 6.985	7 / 4.025	- / -	7 / 4.025	- / -	- / -	- / -	- / -	- / -	74 / 35.781
1.1.2) Ancillary Equipment - Organic	21 / 1.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 1.040
Subtotal Recurring	65 / 20.111	12 / 5.700	11 / 6.985	7 / 4.025	- / -	7 / 4.025	- / -	- / -	- / -	- / -	- / -	95 / 36.821
Total, AN/USQ-151, JTT-M SYSTEMS - Ship	65 / 20.111	12 / 5.700	11 / 6.985	7 / 4.025	- / -	7 / 4.025	- / -	- / -	- / -	- / -	- / -	95 / 36.821
Total Procurement, All Modifications	65 / 20.111	12 / 5.700	11 / 6.985	7 / 4.025	- / -	7 / 4.025	- / -	- / -	- / -	- / -	- / -	95 / 36.821
Support												
2.1) Production Support	- / 6.648	- / 0.060	- / 0.484	- / 0.291	- / -	- / 0.291	- / -	- / -	- / -	- / -	- / -	- / 7.483
2.2) DSA	- / 1.770	- / 1.032	- / 1.360	- / 0.925	- / -	- / 0.925	- / 0.224	- / -	- / -	- / -	- / -	- / 5.311
Total Support, All Modifications	8.418	1.092	1.844	1.216	-	1.216	0.224	-	-	-	-	12.794
Total Procurement and Support	28.529	6.792	8.829	5.241	-	5.241	0.224	-	-	-	-	49.615
AN/USQ-151, JTT-M SYSTEMS - Ship Installation Cost	- / 10.745	- / -	- / 2.100	- / 4.880	- / -	- / 4.880	- / 2.170	- / -	- / -	- / -	- / -	- / 19.895
Total Installation Cost	- / 10.745	- / -	- / 2.100	- / 4.880	- / -	- / 4.880	- / 2.170	- / -	- / -	- / -	- / -	- / 19.895
Total Cost (Procurement + Support + Installation)	39.274	6.792	10.929	10.121	-	10.121	2.394	-	-	-	-	69.510

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/USQ-151, JTT-M SYSTEMS - Ship											
Models of Systems Affected: Ship					Type Modification: New Model					Related RDT&E PEs: 0303109N																					
Manufacturer Information: AN/USQ-151, JTT-M SYSTEMS - Ship																															
Manufacturer Name: Raytheon ⁽¹⁰⁾															Manufacturer Location: St. Petersburg, FL																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 13																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Aug 2012			Dec 2012			Nov 2013																							
Delivery Dates		Sep 2013			Jan 2014			Dec 2014																							
Installation: AN/USQ-151, JTT-M SYSTEMS - Ship										Method of Implementation: Ship										Installation Name: AN/USQ-151, JTT-M Systems											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		44 / 10.745	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 10.745																		
FY 2012		- / -	- / -	7 / 2.100	5 / 1.525	- / -	5 / 1.525	- / -	- / -	- / -	- / -	- / -	12 / 3.625																		
FY 2013		- / -	- / -	- / -	11 / 3.355	- / -	11 / 3.355	- / -	- / -	- / -	- / -	- / -	11 / 3.355																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.170	- / -	- / -	- / -	- / -	7 / 2.170																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		44 / 10.745	- / -	7 / 2.100	16 / 4.880	- / -	16 / 4.880	7 / 2.170	- / -	- / -	- / -	- / -	74 / 19.895																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	44	-	-	-	-	-	-	-	3	4	4	3	3	6	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	74
Out	44	-	-	-	-	-	-	-	3	4	4	3	3	6	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	74
Installation: AN/USQ-151, JTT-M SYSTEMS - Ship										Method of Implementation: Not Installed - Ancillary Equipment										Installation Quantity: 21											
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AN/USQ-151, JTT-M SYSTEMS - Ship
Models of Systems Affected: Ship	Type Modification: New Model	Related RDT&E PEs: 0303109N
(9) The FY12-FY14 AN/USQ-151 system procurement is under a new contract vehicle to replace legacy Integrated Broadcast Service (IBS) terminals (Tactical Receive Equipment (TRE) and Commanders Tactical Terminal (CTT)) and provide IBS capability to AEGIS ships without a JTT-M system. JTT-M Contract was awarded August 2012. JTT-M System unit cost fluctuates depending on economy of scales through OCF funding in any given year. (10) AN/USQ-151, JTT-M Systems		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/USQ-151, JTT-M SYSTEM - Shore

Models of Systems Affected: Shore				Type Modification: New Model				Related RDT&E PEs: 0303109N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	2.952	2.386	-	1.525	-	1.525	2.581	0.272	0.003	-	-	9.719
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	2.952	2.386	-	1.525	-	1.525	2.581	0.272	0.003	-	-	9.719
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	2.952	2.386	-	1.525	-	1.525	2.581	0.272	0.003	-	-	9.719
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The AN/USQ-151, JTT-M system is a Ultra High Frequency (UHF) Satellite Communications (SATCOM) radio system that will give the shipboard and ashore users the capability to participate in national and joint theater level tactical intelligence data exchange through the Integrated Broadcast Service (IBS) network using IBS-Simplex (IBS-S) and IBS-Interactive (IBS-I) data. New AN/USQ-62, JTT-Senior systems will replace legacy terminals (Tactical Receive Equipment (TRE) and Commanders Tactical Terminal (CTT)) which will become obsolete with the National Security Agency (NSA) crypto modernization mandate as well as be able to provide IBS capability to AEGIS platforms without IBS terminals.

First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System					Modification Nomenclature (Modification Number - Modification Title): 4 - AN/USQ-151, JTT-M SYSTEM - Shore				
Models of Systems Affected: Shore				Type Modification: New Model				Related RDT&E PEs: 0303109N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/USQ-151, JTT-M SYSTEM - Shore													
B Kits													
Recurring													
1.1.1) AN/USQ-151, JTT-M SYSTEM - NonOrganic ⁽¹¹⁾	7 / 1.800	5 / 2.375	- / -	- / -	- / -	- / -	3 / 1.866	- / -	- / -	- / -	- / -	15 / 6.041	
Subtotal Recurring	7 / 1.800	5 / 2.375	- / -	- / -	- / -	- / -	3 / 1.866	- / -	- / -	- / -	- / -	15 / 6.041	
Total, AN/USQ-151, JTT-M SYSTEM - Shore	7 / 1.800	5 / 2.375	- / -	- / -	- / -	- / -	3 / 1.866	- / -	- / -	- / -	- / -	15 / 6.041	
Total Procurement, All Modifications	7 / 1.800	5 / 2.375	- / -	- / -	- / -	- / -	3 / 1.866	- / -	- / -	- / -	- / -	15 / 6.041	
Support													
2.1) Production Support	- / -	- / 0.011	- / -	- / -	- / -	- / -	- / 0.245	- / -	- / 0.003	- / -	- / -	- / 0.259	
2.2) DSA	- / -	- / -	- / -	- / 0.325	- / -	- / 0.325	- / 0.140	- / 0.070	- / -	- / -	- / -	- / 0.535	
Total Support, All Modifications	-	0.011	-	0.325	-	0.325	0.385	0.070	0.003	-	-	0.794	
Total Procurement and Support	1.800	2.386	-	0.325	-	0.325	2.251	0.070	0.003	-	-	6.835	
AN/USQ-151, JTT-M SYSTEM - Shore Installation Cost	- / 1.152	- / -	- / -	- / 1.200	- / -	- / 1.200	- / 0.330	- / 0.202	- / -	- / -	- / -	- / 2.884	
Total Installation Cost	- / 1.152	- / -	- / -	- / 1.200	- / -	- / 1.200	- / 0.330	- / 0.202	- / -	- / -	- / -	- / 2.884	
Total Cost (Procurement + Support + Installation)	2.952	2.386	-	1.525	-	1.525	2.581	0.272	0.003	-	-	9.719	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - AN/USQ-151, JTT-M SYSTEM - Shore											
Models of Systems Affected: Shore										Type Modification: New Model										Related RDT&E PEs: 0303109N											
Manufacturer Information: AN/USQ-151, JTT-M SYSTEM - Shore																															
Manufacturer Name: Raytheon ⁽¹²⁾															Manufacturer Location: St. Petersburg, FL																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 13																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Aug 2012						Nov 2013																							
Delivery Dates		Sep 2013						Dec 2014																							
Installation: AN/USQ-151, JTT-M SYSTEM - Shore										Method of Implementation: [none specified]										Installation Name: AN/USQ-151, JTT-M SYSTEM											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		7 / 1.152	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.152																		
FY 2012		- / -	- / -	- / -	5 / 1.200	- / -	5 / 1.200	- / -	- / -	- / -	- / -	- / -	5 / 1.200																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.330	1 / 0.202	- / -	- / -	- / -	3 / 0.532																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		7 / 1.152	- / -	- / -	5 / 1.200	- / -	5 / 1.200	2 / 0.330	1 / 0.202	- / -	- / -	- / -	15 / 2.884																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	7	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	15
Out	7	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	15
Footnotes: ⁽¹¹⁾ The FY12-FY14 AN/USQ-151 system procurement is under a new contract vehicle to replace legacy Integrated Broadcast Service (IBS) terminals (Tactical Receive Equipment (TRE) and Commanders Tactical Terminal (CTT)) and provide IBS capability to AEGIS ships without a JTT-M system. JTT-M Contract was awarded August 2012. JTT-M System unit cost fluctuates depending on economy of scales																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2900 - Maritime Integrated Broadcast System	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - AN/USQ-151, JTT-M SYSTEM - Shore
Models of Systems Affected: Shore	Type Modification: New Model	Related RDT&E PEs: 0303109N
through OCF funding in any given year. FY15: Procurement and install for three units in the same year assuming efficiencies in production lead time. ((1) delivered in August, (1) delivered in September & (1) delivered in October). (12) AN/USQ-151, JTT-M System		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements: 0604231N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	8.954	10.876	15.489	18.189	-	18.189	18.069	15.676	16.158	16.444	42.314	162.169
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	8.954	10.876	15.489	18.189	-	18.189	18.069	15.676	16.158	16.444	42.314	162.169
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	8.954	10.876	15.489	18.189	-	18.189	18.069	15.676	16.158	16.444	42.314	162.169
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	0.524	0.534	0.841	-	0.841	1.071	1.590	1.401	1.187	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Tactical/Mobile (TacMobile) Command and Control, Communications, Computers and Intelligence (C4I) Systems: The TacMobile program provides evolutionary C4I capabilities and ancillary equipment upgrades to support the unified, fleet, and Navy component commanders, the maritime patrol and reconnaissance, theater, and the naval liaison element commanders (ashore) with the capability to plan, direct and control the tactical operations of joint and naval expeditionary forces and other assigned units within their respective area of responsibility. Each TacMobile unit is a system-of-systems which includes a C2I (command, control and intelligence) component, and communications, networks, computers, mobility, and facilities components. The command and control services are currently provided by Global Command and Control System - Maritime (GCCS-M) and include core GCCS-M capabilities, analysis, correlation and fusion of diverse sensor information; data management support, command decision aids; access to rapid data communication, mission planning and evaluation; dissemination of ocean surveillance positional data and threat alerts to operational users ashore and afloat. The communications and mobility component provides communications interconnectivity between various joint and naval commands, as well as the equipment necessary to make the systems mobile and self-sustaining in operational environments. The networks and computers component provides the computing infrastructure, net-centricity, and data processing environment for the operational units.

The Tactical/Mobile System includes the fixed site Tactical Operations Centers (TOC), and the Mobile Tactical Operations Centers (MTOC) which is a mobile version of the TOC for contingency operations, and the scalable and highly portable Joint Mobile Ashore Support Terminal (JMAST). TacMobile systems TOC and MTOC are undergoing a transformation from forward deployed, fixed sites to a more mobile, expeditionary force to better support the Navy's surge requirements.

10 TOCs: 7 operational systems (located at Jacksonville Florida, Sigonella Italy, Kaneohe Bay Hawaii, Whidbey Island Washington, Kadena Japan, Misawa Japan, and Bahrain), 1 training site(relocated from Center for Surface Combat Systems Unit (CSCSU) Dam Neck Virginia to Center for Naval Air Technical Training (CNATT) Jacksonville Florida), 2 laboratory sites (a communications integration lab located at Space & Naval Warfare Systems Command Systems Center (SSC) Atlantic, and an aircraft integration lab at SSC Atlantic detachment Patuxent River Maryland). Note: 1 operational system removed in FY10 from NAS Brunswick ME as a result of base closure, is recapitalized in FY14 as an MTOC, as part of the transformation to a more mobile, expeditionary force.

14 MTOCs: 11 operational systems (home ported at Jacksonville Florida (5 sites), Misawa Japan, Whidbey Island Washington, Bahrain, Comalapa El Salvador, and Coronado (North Island) California (2 sites)), 1 operational system removed in FY10 from NAS Brunswick ME as a result of base closure, is recapitalized in FY14 at MCAS Kaneohe Bay as an MTOC as part of the transformation to a more mobile,

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items:					Other Related Program Elements: 0604231N									

MDAP/MAIS Code(s):

expeditionary Force, 1 C4I engineering and maintenance support system (located at the In Service Engineering Activity (ISEA), SSC Atlantic), and 1 C4I mobile systems school house (relocated from Center for Surface Combat Systems Unit (CSCSU) Dam Neck Virginia to Center for Naval Air Technical Training (CNATT) Jacksonville Florida).

3 JMASTs: 3 legacy operational systems (located at Pearl Harbor Hawaii, Sigonella Italy, and Bahrain).

The TacMobile program uses an evolutionary development strategy consisting of incremental upgrades to meet new and emergent fleet requirements, while retaining current capabilities. Tactical Operations Center and Mobile Tactical Operations Center increments are planned and resourced to support the new P-8A Multi-mission Maritime Aircraft (MMA) and new and updated sensors on the P-3C series aircraft. Further transition and relocations are anticipated as primary maritime patrol and reconnaissance aircraft operating locations evolve in support of Overseas Contingency Operations (OCO) and as a result of the introduction of the P-8A, as the replacement aircraft for the P-3C, and the broad area maritime surveillance unmanned aerial system. The TOC and MTOC personnel along with their C4I infrastructure will transition with these aircraft from a primarily forward deployed force to a more expeditionary surge-ready force. This will entail a reduction in the number of fixed site TOC and an increase in the number of MTOCs.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Tactical/Mobile (TacMobile) C4I Systems	P40A				0.000			-			-			-			-			-
1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1	P3A				1.647			2.840			2.410			3.400			-			3.400
2 - Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1	P3A				3.064			8.036			7.606			9.112			-			9.112
3 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh	P3A				4.243			-			5.473			1.876			-			1.876
4 - Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1	P3A				0.000			-			-			3.801			-			3.801
Total Gross/Weapon System Cost					8.954			10.876			15.489			18.189			-			18.189

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Tactical/Mobile (TacMobile) C4I Systems	P40A				-			-			-			-			-			-
1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1	P3A				2.038			0.358			-			-			-			12.693

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment												P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements: 0604231N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
2 - Tactical/Mobile (TacMobile) C4I Systems-Increment 2.1	P3A				3.464			0.359			-			-			-			31.641	
3 - Tactical/Mobile (TacMobile) C4I Systems-Tech Refresh	P3A				6.444			5.033			8.019			0.378			-			31.466	
4 - Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1	P3A				6.123			9.926			8.139			10.008			-			37.997	
Total Gross/Weapon System Cost					18.069			15.676			16.158			16.444			42.314			162.169	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY14 Procurements Include: Tech refresh of TOC C4I; tech refresh of MTOC C4I; FRP Increment 2.1 TOC C4I upgrades; FRP Increment 2.1 MTOC C4I upgrades. TacMobile has three distinct tech refresh efforts across the FYDP: "Tech Refresh 2.0.1" provides technical modernization and refresh to previously fielded Increment 2.0 systems and modernizes operating system baseline and maintains information security posture, "Tech Refresh 2.1.1" provides technical modernization and refresh to previously fielded Increment 2.1 systems to enable interface with P-8A Increment 2 engineering change proposals, and "Overarching Tech Refresh" which provides an end-to-end technical refresh to certain MTOC and TOC systems that have not been upgraded and refreshed to the same baseline as the remaining TacMobile systems. These units are now in need of refresh to enable systems capability and meet increased Fleet requirements.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems						Aggregated Item Name: Tactical/Mobile (TacMobile) C4I Systems (1)								
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) T4050 Tactical/Mobile																				
1.1) Increment 3	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) T4050 Tactical/ Mobile					0.000			-			-			-			-		-	
2) T4776 Installation																				
2.1) Increment 3	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) T4776 Installation					0.000			-			-			-			-		-	
Total					0.000			-			-			-			-		-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems						Aggregated Item Name: Tactical/Mobile (TacMobile) C4I Systems (1)							

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) T4050 Tactical/Mobile																				
1.1) Increment 3	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal 1) T4050 Tactical/Mobile</i>					-			-			-			-			-		-	
2) T4776 Installation																				
2.1) Increment 3	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal 2) T4776 Installation</i>					-			-			-			-			-		-	
Total					-			-			-			-			-		-	

Footnotes:

(1) 1) Quantities represent separate Command & Control & Intelligence (C2I), Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of systems change from year to year and cost will vary. 3) Unit cost variances exist in FY13 and FY14 Tech Refresh procurements in order to bring all TacMobile sites to a common configuration baseline.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (Modification Number - Modification Title): 1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1				
Models of Systems Affected: INC 2.0			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.647	2.840	2.410	3.400	-	3.400	2.038	0.358	-	-	-	12.693
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.647	2.840	2.410	3.400	-	3.400	2.038	0.358	-	-	-	12.693
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.647	2.840	2.410	3.400	-	3.400	2.038	0.358	-	-	-	12.693
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Provides technical modernization and technical refresh to fielded existing TacMobile Inc. 2.0 systems to ensure continued supportability and maintain fleet core capability functionally throughout service life.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (Modification Number - Modification Title): 1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1			
Models of Systems Affected: INC 2.0			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽²⁾	2 / 0.557	4 / 1.136	2 / 0.579	2 / 0.591	- / -	2 / 0.591	2 / 0.603	- / -	- / -	- / -	- / -	12 / 3.466
1.1.2) MTOC - NonOrganic	2 / 0.557	6 / 1.704	4 / 1.158	6 / 1.773	- / -	6 / 1.773	- / -	- / -	- / -	- / -	- / -	18 / 5.192
Subtotal Recurring	4 / 1.114	10 / 2.840	6 / 1.737	8 / 2.364	- / -	8 / 2.364	2 / 0.603	- / -	- / -	- / -	- / -	30 / 8.658
Total, Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1	4 / 1.114	10 / 2.840	6 / 1.737	8 / 2.364	- / -	8 / 2.364	2 / 0.603	- / -	- / -	- / -	- / -	30 / 8.658
Total Procurement, All Modifications	4 / 1.114	10 / 2.840	6 / 1.737	8 / 2.364	- / -	8 / 2.364	2 / 0.603	- / -	- / -	- / -	- / -	30 / 8.658
Support												
2.1) Production Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
2.2) Other (DSA)	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	1.114	2.840	1.737	2.364	-	2.364	0.603	-	-	-	-	8.658
Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1 Installation Cost	- / 0.533	- / -	- / 0.673	- / 1.036	- / -	- / 1.036	- / 1.435	- / 0.358	- / -	- / -	- / -	- / 4.035
Total Installation Cost	- / 0.533	- / -	- / 0.673	- / 1.036	- / -	- / 1.036	- / 1.435	- / 0.358	- / -	- / -	- / -	- / 4.035
Total Cost (Procurement + Support + Installation)	1.647	2.840	2.410	3.400	-	3.400	2.038	0.358	-	-	-	12.693

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment		P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1			

Models of Systems Affected: INC 2.0		Type Modification: Tech Refresh		Related RDT&E PEs: 0604231N			

Manufacturer Information: Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1							

Manufacturer Name: SSC LANT				Manufacturer Location: Charleston, SC			

Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Jul 2012	Jul 2013	Jul 2014				

Installation: Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1		Method of Implementation: [none specified]				Installation Name: TacMobile C4I Systems Tech Refresh 2.0.1	

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	4 / 0.533	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.533
FY 2012	- / -	- / -	10 / 0.673	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.673
FY 2013	- / -	- / -	- / -	6 / 1.036	- / -	6 / 1.036	- / -	- / -	- / -	- / -	- / -	6 / 1.036
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.435	- / -	- / -	- / -	- / -	8 / 1.435
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.358	- / -	- / -	- / -	2 / 0.358
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 0.533	- / -	10 / 0.673	6 / 1.036	- / -	6 / 1.036	8 / 1.435	2 / 0.358	- / -	- / -	- / -	30 / 4.035

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	-	-	-	-	-	6	4	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	30
Out	4	-	-	-	-	-	6	4	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	30

Footnotes:
 (2) 1) Quantities represent separate Command & Control & Intelligence (C2I), Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade and refresh systems to be procured vary by increment. 3) Install costs vary across fiscal years due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4) Unit cost variances exist in Tech Refresh procurements in order to bring all TacMobile sites to a common configuration baseline. 5) Integration, pre-

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh 2.0.1
Models of Systems Affected: INC 2.0	Type Modification: Tech Refresh	Related RDT&E PEs: 0604231N
installation and checkout, packaging, and shipping require a 6 month lead time prior to installation. 6) TacMobile leverages efficiencies in contracting and economical order quantity benefits, for COTS and GOTS procurement items integrated into TacMobile components, by concurrently procuring similar items required for the fiscal year. The in-house integration and installation work can then be efficiently accomplished by sequentially integrating these items into the end item components, and fielded within scheduled fleet availability periods.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1			
Models of Systems Affected: INC 2.1			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.064	8.036	7.606	9.112	-	9.112	3.464	0.359	-	-	-	31.641
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.064	8.036	7.606	9.112	-	9.112	3.464	0.359	-	-	-	31.641
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.064	8.036	7.606	9.112	-	9.112	3.464	0.359	-	-	-	31.641
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line procures Command & Control and Intelligence (C2I), Networks/Computers, Communications and Mobility/Facility Equipment in order to provide an upgraded capability to current Tactical Operation Center (TOC), Mobile Tactical Operation Center (MTOC), and Joint Mobile Ashore Support Terminal (JMAST) systems and their equivalents and to recapitalize equipment when it has reached the end of service life, thus assuring the existing system remains interoperable with Joint and Naval Forces, as well as with updated aircraft, sensors, and weapons systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (Modification Number - Modification Title): 2 - Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1				
Models of Systems Affected: INC 2.1				Type Modification: Tech Refresh				Related RDT&E PEs: 0604231N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1													
B Kits													
Recurring													
1.1.1) TOC - NonOrganic ⁽³⁾	1 / 1.057	3 / 2.985	2 / 1.943	2 / 1.990	- / -	2 / 1.990	2 / 2.029	- / -	- / -	- / -	- / -	10 / 10.004	
1.1.2) MTOC - NonOrganic	1 / 1.058	5 / 4.953	4 / 3.886	6 / 5.970	- / -	6 / 5.970	- / -	- / -	- / -	- / -	- / -	16 / 15.867	
Subtotal Recurring	2 / 2.115	8 / 7.938	6 / 5.829	8 / 7.960	- / -	8 / 7.960	2 / 2.029	- / -	- / -	- / -	- / -	26 / 25.871	
Total, Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1	2 / 2.115	8 / 7.938	6 / 5.829	8 / 7.960	- / -	8 / 7.960	2 / 2.029	- / -	- / -	- / -	- / -	26 / 25.871	
Total Procurement, All Modifications	2 / 2.115	8 / 7.938	6 / 5.829	8 / 7.960	- / -	8 / 7.960	2 / 2.029	- / -	- / -	- / -	- / -	26 / 25.871	
Support													
2.1) Shore Pre-Installation Design	- / 0.095	- / 0.098	- / 0.109	- / 0.116	- / -	- / 0.116	- / -	- / -	- / -	- / -	- / -	- / 0.418	
Total Support, All Modifications	0.095	0.098	0.109	0.116	-	0.116	-	-	-	-	-	0.418	
Total Procurement and Support	2.210	8.036	5.938	8.076	-	8.076	2.029	-	-	-	-	26.289	
Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1 Installation Cost	- / 0.854	- / -	- / 1.668	- / 1.036	- / -	- / 1.036	- / 1.435	- / 0.359	- / -	- / -	- / -	- / 5.352	
Total Installation Cost	- / 0.854	- / -	- / 1.668	- / 1.036	- / -	- / 1.036	- / 1.435	- / 0.359	- / -	- / -	- / -	- / 5.352	
Total Cost (Procurement + Support + Installation)	3.064	8.036	7.606	9.112	-	9.112	3.464	0.359	-	-	-	31.641	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1											
Models of Systems Affected: INC 2.1										Type Modification: Tech Refresh										Related RDT&E PEs: 0604231N											
Manufacturer Information: Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1																															
Manufacturer Name: SSC LANT															Manufacturer Location: Charleston, SC																
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 2																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jun 2012				Dec 2012				Dec 2013																					
Delivery Dates		Aug 2012				Feb 2013				Feb 2014																					
Installation: Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1										Method of Implementation: [none specified]										Installation Name: TacMobile C4I Systems Increment 2.1											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		2 / 0.854		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.854					
FY 2012		- / -		- / -		8 / 1.668		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.668					
FY 2013		- / -		- / -		- / -		6 / 1.036		- / -		6 / 1.036		- / -		- / -		- / -		- / -		- / -		- / -		6 / 1.036					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.435		- / -		- / -		- / -		- / -		- / -		8 / 1.435					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.359		- / -		- / -		- / -		- / -		2 / 0.359					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		2 / 0.854		- / -		8 / 1.668		6 / 1.036		- / -		6 / 1.036		8 / 1.435		2 / 0.359		- / -		- / -		- / -		- / -		26 / 5.352					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	2	-	-	-	-	-	4	4	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	26
Out	2	-	-	-	-	-	4	4	-	-	2	2	2	-	3	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	26
Footnotes: ⁽³⁾ 1) Quantities represent separate Command & Control & Intelligence (C2I), Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2) Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade systems to be procured vary by site unique differences. 3) Install costs vary due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4) Integration, pre-installation and checkout, packaging, and shipping require a 6 month lead time prior to installation. 5) TacMobile leverages efficiencies in contracting and																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Tactical/Mobile (TacMobile) C4I Systems- Increment 2.1
Models of Systems Affected: INC 2.1	Type Modification: Tech Refresh	Related RDT&E PEs: 0604231N
economical order quantity benefits, for COTS and GOTS procurement items integrated into TacMobile components, by concurrently procuring similar items required for the fiscal year. The in-house integration and installation work can then be efficiently accomplished by sequentially integrating these items into the end item components, and fielded within scheduled fleet availability periods.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh			
Models of Systems Affected: Various				Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4.243	-	5.473	1.876	-	1.876	6.444	5.033	8.019	0.378	-	31.466
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	4.243	-	5.473	1.876	-	1.876	6.444	5.033	8.019	0.378	-	31.466
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4.243	-	5.473	1.876	-	1.876	6.444	5.033	8.019	0.378	-	31.466
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides overarching technical modernization and technical refresh to fielded existing TacMobile systems that have not routinely been refreshed or upgraded and are now due to shift in Fleet CONOPS required to be restored to full systems capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems				Modification Nomenclature (Modification Number - Modification Title): 3 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh				
Models of Systems Affected: Various			Type Modification: Tech Refresh					Related RDT&E PEs: 0604231N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽⁴⁾	2 / 1.284	- / -	- / -	- / -	- / -	- / -	2 / 6.086	- / -	- / -	- / -	- / -	4 / 7.370
1.1.2) MTOC - NonOrganic	4 / 2.569	- / -	2 / 1.870	2 / 1.081	- / -	2 / 1.081	- / -	3 / 5.033	3 / 7.654	- / -	- / -	14 / 18.207
1.1.3) FY2013 OCO Funding (JMAST Tech Refresh) - NonOrganic	- / -	- / -	9 / 3.063	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 3.063
Subtotal Recurring	6 / 3.853	- / -	11 / 4.933	2 / 1.081	- / -	2 / 1.081	2 / 6.086	3 / 5.033	3 / 7.654	- / -	- / -	27 / 28.640
Total, Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh	6 / 3.853	- / -	11 / 4.933	2 / 1.081	- / -	2 / 1.081	2 / 6.086	3 / 5.033	3 / 7.654	- / -	- / -	27 / 28.640
Total Procurement, All Modifications	6 / 3.853	- / -	11 / 4.933	2 / 1.081	- / -	2 / 1.081	2 / 6.086	3 / 5.033	3 / 7.654	- / -	- / -	27 / 28.640
Support												
2.1)	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	3.853	-	4.933	1.081	-	1.081	6.086	5.033	7.654	-	-	28.640
Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh Installation Cost	- / 0.390	- / -	- / 0.540	- / 0.795	- / -	- / 0.795	- / 0.358	- / -	- / 0.365	- / 0.378	- / -	- / 2.826
Total Installation Cost	- / 0.390	- / -	- / 0.540	- / 0.795	- / -	- / 0.795	- / 0.358	- / -	- / 0.365	- / 0.378	- / -	- / 2.826
Total Cost (Procurement + Support + Installation)	4.243	-	5.473	1.876	-	1.876	6.444	5.033	8.019	0.378	-	31.466

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh				
Models of Systems Affected: Various			Type Modification: Tech Refresh				Related RDT&E PEs: 0604231N					
Manufacturer Information: Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh												
Manufacturer Name: SSC LANT ⁽⁵⁾							Manufacturer Location: Charleston, SC					
Administrative Leadtime (<i>in Months</i>): 2							Production Leadtime (<i>in Months</i>): 2					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011	Nov 2012	Dec 2013									
Delivery Dates	Feb 2012	Aug 2013	Feb 2014									
Manufacturer Name: SSC Lant-1 ⁽⁶⁾							Manufacturer Location: Charleston, SC					
Administrative Leadtime (<i>in Months</i>): 2							Production Leadtime (<i>in Months</i>): 3					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012										
Delivery Dates		Mar 2013										
Installation: Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh				Method of Implementation: [none specified]				Installation Name: TacMobile C4I Systems Tech Refresh				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	6 / 0.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.390
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	9 / 0.540	2 / 0.395	- / -	2 / 0.395	- / -	- / -	- / -	- / -	- / -	11 / 0.935
FY 2014	- / -	- / -	- / -	2 / 0.400	- / -	2 / 0.400	- / -	- / -	- / -	- / -	- / -	2 / 0.400
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.358	- / -	- / -	- / -	- / -	2 / 0.358
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.365	- / -	- / -	3 / 0.365
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.378	- / -	3 / 0.378
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 0.390	- / -	9 / 0.540	4 / 0.795	- / -	4 / 0.795	2 / 0.358	- / -	3 / 0.365	3 / 0.378	- / -	27 / 2.826

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh											
Models of Systems Affected: Various										Type Modification: Tech Refresh										Related RDT&E PEs: 0604231N											
Installation: Tactical/Mobile (TacMobile) C4I Systems- Tech Refresh										Method of Implementation: [none specified]										Installation Name: TacMobile C4I Systems Tech Refresh											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	-	-	-	-	-	-	5	4	-	4	-	-	-	-	-	2	-	-	-	-	-	3	-	-	-	3	-	-	-	27
Out	6	-	-	-	-	-	-	5	4	-	-	4	-	-	-	-	2	-	-	-	-	-	3	-	-	-	3	-	-	-	27
Footnotes: ⁽⁴⁾ 1. Quantities represent separate Command & Control & Intelligence (C2I), Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2. Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade and refresh systems to be procured vary by Increment. 3. Install costs vary across fiscal years due to different equipment mixes, site specific requirements, and varied, world-wide locations. 4. Unit cost variances exist in Tech Refresh procurements in order to bring all TacMobile sites to a common configuration baseline. 5. FY14 procures overarching MTOC KILO required Tech Refresh components. FY13 procurements consist of MTOC Command and Control and MTOC Enterprise, requiring 4 months integration lead time. FY14 requires no integration lead time. FY15 procures overarching TOC 5th Fleet required Tech Refresh components, and requires 2 months integration lead time. FY16 procures overarching MTOC EIGHT required Tech Refresh components, and requires 4 months integration lead time. FY17 procures overarching MTOC JULIET required Tech Refresh components, and requires 4 months integration lead time. ⁽⁵⁾ TOC/MTOC equipment . The Production Lead Times for FY13 and FY14 are 9 months and 2 months respectively due to the procurement of dissimilar subcomponents from different vendors for different component integration and installations efforts. ⁽⁶⁾ JMAST OCO equipment																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (Modification Number - Modification Title): 4 - Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1				
Models of Systems Affected: Inc 2.1			Type Modification: Upgrade					Related RDT&E PEs: 0604231N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	3.801	-	3.801	6.123	9.926	8.139	10.008	-	37.997
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	3.801	-	3.801	6.123	9.926	8.139	10.008	-	37.997
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	3.801	-	3.801	6.123	9.926	8.139	10.008	-	37.997
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Provides technical modernization and technical refresh to fielded existing TacMobile systems necessary to support P-8A Poseidon Increment 2 and Borad Area maritime Surveillance (BAMS) Unmanned Aerial System at their initial operating capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems					Modification Nomenclature (Modification Number - Modification Title): 4 - Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1			
Models of Systems Affected: Inc 2.1			Type Modification: Upgrade					Related RDT&E PEs: 0604231N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1												
B Kits												
Recurring												
1.1.1) TOC - NonOrganic ⁽⁷⁾	- / -	- / -	- / -	2 / 1.703	- / -	2 / 1.703	2 / 1.737	4 / 3.654	2 / 1.837	2 / 1.843	- / -	12 / 10.774
1.1.2) MTOC - NonOrganic	- / -	- / -	- / -	2 / 1.702	- / -	2 / 1.702	4 / 3.605	6 / 5.480	6 / 5.510	8 / 7.373	- / -	26 / 23.670
Subtotal Recurring	- / -	- / -	- / -	4 / 3.405	- / -	4 / 3.405	6 / 5.342	10 / 9.134	8 / 7.347	10 / 9.216	- / -	38 / 34.444
Total, Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1	- / -	- / -	- / -	4 / 3.405	- / -	4 / 3.405	6 / 5.342	10 / 9.134	8 / 7.347	10 / 9.216	- / -	38 / 34.444
Total Procurement, All Modifications	- / -	- / -	- / -	4 / 3.405	- / -	4 / 3.405	6 / 5.342	10 / 9.134	8 / 7.347	10 / 9.216	- / -	38 / 34.444
Support												
2.1) Shore Pre-Installation Design	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.121	- / 0.120	- / 0.120	- / 0.120	- / -	- / 0.481
Total Support, All Modifications	-	-	-	-	-	-	0.121	0.120	0.120	0.120	-	0.481
Total Procurement and Support	-	-	-	3.405	-	3.405	5.463	9.254	7.467	9.336	-	34.925
Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1 Installation Cost	- / 0.000	- / -	- / -	- / 0.396	- / -	- / 0.396	- / 0.660	- / 0.672	- / 0.672	- / 0.672	- / -	- / 3.072
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.396	- / -	- / 0.396	- / 0.660	- / 0.672	- / 0.672	- / 0.672	- / -	- / 3.072
Total Cost (Procurement + Support + Installation)	0.000	-	-	3.801	-	3.801	6.123	9.926	8.139	10.008	-	37.997

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2906 - Tactical/Mobile C4I Systems								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1															
Models of Systems Affected: Inc 2.1				Type Modification: Upgrade								Related RDT&E PEs: 0604231N																			
Manufacturer Information: Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1																															
Manufacturer Name: SSC LANT														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 3																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2013																					
Delivery Dates										Mar 2014																					
Installation: Tactical Mobile (TacMobile) C4I Systems - Tech Refresh 2.1.1														Method of Implementation: [none specified]								Installation Name: TacMobile C4I Systems Technical Refresh 2.1.1									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		4 / 0.396		- / -		4 / 0.396		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.396					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.660		- / -		- / -		- / -		- / -		- / -		6 / 0.660					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.672		- / -		- / -		- / -		- / -		10 / 0.672					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.672		- / -		- / -		- / -		8 / 0.672					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.672		- / -		- / -		10 / 0.672					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		4 / 0.396		- / -		4 / 0.396		6 / 0.660		10 / 0.672		8 / 0.672		10 / 0.672		- / -		- / -		38 / 3.072					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	4	-	-	4	6	-	-	4	4	-	-	4	6	-	-	38
Out	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	4	-	-	4	6	-	-	4	4	-	-	4	6	-	-	38
Footnotes: (7) 1. Quantities represent separate Command & Control & Intelligence (C2I), Communications, and Mobility/Facility component system upgrades of TacMobile systems. 2. Unit cost represents an average, because TacMobile is a system of systems. Configuration of upgrade systems to be procured vary by site unique differences. 3. Install costs vary due to different equipment mixes, site specific requirements, and varied, world-wide locations.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)					
ID Code (A=Service Ready, B=Not Service Ready) : B				Program Elements for Code B Items:				Other Related Program Elements: 0305208N				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	141.418	12.499	11.887	17.350	-	17.350	24.463	33.560	34.626	21.738	75.200	372.741
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	141.418	12.499	11.887	17.350	-	17.350	24.463	33.560	34.626	21.738	75.200	372.741
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	141.418	12.499	11.887	17.350	-	17.350	24.463	33.560	34.626	21.738	75.200	372.741
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.402	0.178	1.716	-	1.716	1.980	0.508	-	-	-	4.784
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Cost-To-Complete (CTC) reflects current DCGS-N Increment 1 Program Life Cycle Cost Estimate (PLCCE) and does not include CTC for DCGS-N Increment 2, JSIPS-N, or ICOP which are included in PE 0305208N, 2914 OPN budget. The Distributed Common Ground System - Navy (DCGS-N) is the Navy's portion of the Under Secretary of Defense, Intelligence (USD (I)) DCGS-N Family of Systems (FoS). The Department of Defense (DoD) has defined a DCGS architecture that will be verifiably compatible and interoperable across all of the Services' Intelligence, Surveillance and Reconnaissance (ISR) systems and operations. DCGS accesses and ingests data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers. This collected data is shared across a Joint enterprise using the DCGS Integration Backbone (DIB) and in time, the Joint Intelligence Enterprise (JIE) to enhance access and sharing of ISR information across Joint forces through the use of common enterprise standards and services. DCGS FoS supports Joint Task Force (JTF)-level and below combat operations with critical intelligence for battle management and information dominance across the full spectrum of operations, including peace, conflict, war, and Overseas Contingency Operations (OCO). DCGS is a cooperative effort between the services, agencies, and DoD to provide systems capable of receiving, processing, exploiting, and disseminating data from airborne and national reconnaissance platforms. DCGS-N core components include the Analyst Work Station from the Global Command and Control System (GCCS) - Integrated Imagery and Intelligence (I3), Generic Area Limitation Environment (GALE) Signal Intelligence (SIGINT), Common Geo-positioning Services (CGS), Image Product Library (IPL), Modernized Integrated Database (MIDB), Joint Concentrator Architecture (JCA) and Track Management Services. The DCGS-N system represents the integration of 1) The processing and exploitation of tactical and Imagery Intelligence (IMINT) and Signals Intelligence (SIGINT); 2) Precision target geopositioning, mensuration, and imagery dissemination capabilities; 3) Selected national IMINT requirements and processing capabilities from the National Geospatial-Intelligence Agency (NGA); and 4) Sharing of Intelligence, Surveillance, Reconnaissance and Targeting and Command and Control information via DIB, JIE, and Net-Centric Enterprise Services (NCES) standards with a wide range of customers (e.g., Global Command and Control System - Maritime (GCCS-M)), Joint Mission Planning System (JMPS), and many others. The DCGS-N Enterprise Node (DEN), which incorporates DIB and JIE standards, facilitates interoperability and data sharing among the DCGS FoS. DCGS-N will stay abreast of evolving requirements and ensure compliance with the DoD DCGS network architecture.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements: 0305208N

MDAP/MAIS Code(s):

DCGS-N Increment 2 addresses a critical shortfall in Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capability and capacity to support operational, tactical planning, and execution across the full range of joint military operations. Existing TCPED shortfalls will be exacerbated by planned Navy, Joint, and Allied fielding of new Intelligence, Surveillance and Reconnaissance (ISR) platforms. Currently fielded systems provide localized processing capabilities that will be overwhelmed in the out-years without a significant change in the way the Navy processes, exploits and disseminates intelligence data. DCGS-N Increment 2 will deliver all source fusion and analytical capabilities; provide Maritime Domain Awareness (MDA) capabilities; integrate Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capabilities to improve the use and analysis of sensor and platform data; based on an enterprise solution to share this information across commands, services, and agencies to promote shared situational awareness.

The Navy is focusing on establishing an ISR Enterprise way ahead that will emphasize a reach back strategy with a focus on providing intelligence products to support deployed ship and shore operations. The Navy will also initiate migration to a Service Oriented Architecture (SOA) that requires the development, integration, and testing of a Maritime ISR Enterprise capability, development and migration of ISR SOA applications, and development and integration to leverage the Consolidated Afloat Network and Enterprise Services (CANES) strategy for a Common Computing Environment (CCE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis (MFAS) tool applications for the Navy.

Joint Service Imagery Processing System - Navy (JSIPS-N) tech refresh and JSIPS-N Service Life Extension Program (JSLEP) upgrades provide shipboard digital imagery capability to receive, exploit, store, and disseminate imagery products based on national, theater, and tactical sensors. JSIPS-N service life extension is comprised of five subsystems: Joint Concentrator Architecture (JCA), Common Geo-positioning Service (CGS), Image Product Library (IPL), Imagery Exploitation Support System (IESS), and the Sharp Display System (SDS). JSIPS-N is the Navy's legacy imagery processing system. JSLEP will overcome JSIPS-N End-of-Life hardware challenges, software obsolescence, and improve systems reliability until DCGS-N fully replaces JSIPS-N ashore and afloat.

Intelligence Carry-On Program (ICOP) is a suite of multi-source intelligence and analytical capabilities which includes an integrated Three-Dimensional (3-D) operational picture displaying intelligence and other data sources to provide a richer and more complete picture of the battle space on Unit Level platforms. The system supports a full motion video capability that receives, processes, exploits, and disseminates organic and non-organic data as well as the ability to process and correlate Electronic Intelligence (ELINT) and external Communications Intelligence (COMINT Externals). It integrates a menu of mature Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) applications with shared storage and communication paths to reach back to the DCGS-N Enterprise Node (DEN), and to provide data sharing to the Maritime Operations Centers (MOCS) and national ISR systems, making tactical users a part of the larger ISR enterprise.

Product Improvement includes DCGS-N training equipment, DCGS-N hardware and software technical refresh, ancillary equipment and upgrades to extend service life and provide the fleet imagery intelligence capability. Equipment support includes the assembly and integration associated with the product improvements or modification.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Distributed Common Ground System-Navy (DCGS-N)	P40A				0.000			-			-			-			-			-
1 - DCGS-N INCREMENT 1 Afloat	P3A				38.307			10.577			8.387			-			-			-
2 - DCGS-N INCREMENT 1 Ashore	P3A				26.905			-			-			10.538			-			10.538
3 - PRODUCT IMPROVEMENT Afloat	P3A				50.740			1.922			3.500			4.847			-			4.847

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment												P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements: 0305208N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
4 - PRODUCT IMPROVEMENT Ashore	P3A			25.466			-			-			1.965			-			1.965		
Total Gross/Weapon System Cost				141.418			12.499			11.887			17.350			-			17.350		
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Distributed Common Ground System-Navy (DCGS-N)	P40A			-			-			-			-			-			-		
1 - DCGS-N INCREMENT 1 Afloat	P3A			-			-			-			-			-			57.271		
2 - DCGS-N INCREMENT 1 Ashore	P3A			-			-			-			-			-			37.443		
3 - PRODUCT IMPROVEMENT Afloat	P3A			10.867			5.989			7.235			1.000			-			86.100		
4 - PRODUCT IMPROVEMENT Ashore	P3A			-			8.087			1.765			1.622			75.200			114.105		
Total Gross/Weapon System Cost				24.463			33.560			34.626			21.738			75.200			372.741		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: DCGS-N Increment 1 Block 2 planned procurements in FY14 include (3) 3-rack ashore systems and (4) DCGS-N Increment 1 technical refreshes ((3)1-rack afloat technical refreshes and (1) 2-rack ashore technical refreshes). These DCGS-N installations will replace the currently fielded legacy systems and leverage the Common Computing Environment (CCE) as applicable.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)										Aggregated Item Name: Distributed Common Ground System-Navy (DCGS-N)				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) DCGS-N INCREMENT 2																				
1.1) Procurement	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Production Support	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) DSA	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Installation Afloat	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Installation Ashore	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) DCGS-N INCREMENT 2</i>					0.000			-			-			-			-			-
2) ICOP Afloat																				
2.1) Procurement	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Production Support	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) ICOP Afloat</i>					0.000			-			-			-			-			-
Total					0.000			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)							Aggregated Item Name: Distributed Common Ground System-Navy (DCGS-N)					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) DCGS-N INCREMENT 2																				
1.1) Procurement	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) Production Support	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.3) DSA	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) Installation Afloat	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) Installation Ashore	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) DCGS-N INCREMENT 2					-			-			-			-			-		-	
2) ICOP Afloat																				
2.1) Procurement	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.2) Production Support	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) ICOP Afloat					-			-			-			-			-		-	
Total					-			-			-			-			-		-	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)					Modification Nomenclature (Modification Number - Modification Title): 1 - DCGS-N INCREMENT 1 Afloat				
Models of Systems Affected: Ship			Type Modification: New Model					Related RDT&E PEs: 0305208N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	38.307	10.577	8.387	-	-	-	-	-	-	-	-	57.27
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	38.307	10.577	8.387	-	-	-	-	-	-	-	-	57.27
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	38.307	10.577	8.387	-	-	-	-	-	-	-	-	57.27
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DCGS-N brings together the proven imagery exploitation capabilities of Joint Services Imagery Processing System - Navy (JSIPS-N) Tactical Input Segment (TIS) and the precision mensuration capability of the Precision Targeting Workstation (PTW), merges them with the Multi-Intelligence capability developed by the Joint Fires Network (JFN) and disseminates this throughout the ashore and afloat nodes. It will support Joint Task Force (JTF) -level combat operations and support Joint Task Force Commanders and below with critical intelligence for battle management and information dominance across the full spectrum of operations, including peace, conflict, war, and the Overseas Contingency Operations (OCO). DCGS-N INC 1, BLK 1 has acquisition and budget authority FY09 - FY13; DCGS-N INC 1, BLK 2 requires a Limited Deployment Decision (LDD) in FY13.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)					Modification Nomenclature (Modification Number - Modification Title): 1 - DCGS-N INCREMENT 1 Afloat				
Models of Systems Affected: Ship			Type Modification: New Model					Related RDT&E PEs: 0305208N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DCGS-N INCREMENT 1 Afloat												
B Kits												
Recurring												
1.1.1) Procurement Block 1 - NonOrganic ⁽¹⁾	13 / 22.438	3 / 5.856	1 / 2.319	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 30.613
1.1.2) Procurement Block 2 - NonOrganic	- / -	- / -	1 / 1.274	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.274
Subtotal Recurring	13 / 22.438	3 / 5.856	2 / 3.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 31.887
Total, DCGS-N INCREMENT 1 Afloat	13 / 22.438	3 / 5.856	2 / 3.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 31.887
Total Procurement, All Modifications	13 / 22.438	3 / 5.856	2 / 3.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 31.887
Support												
2.1) Production Support	- / 2.243	- / 0.381	- / 0.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.858
2.2) DSA	- / 2.366	- / 0.440	- / 0.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.966
Total Support, All Modifications	4.609	0.821	0.394	-	-	-	-	-	-	-	-	5.824
Total Procurement and Support	27.047	6.677	3.987	-	-	-	-	-	-	-	-	37.711
DCGS-N INCREMENT 1 Afloat Installation Cost	- / 11.260	- / 3.900	- / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.560
Total Installation Cost	- / 11.260	- / 3.900	- / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.560
Total Cost (Procurement + Support + Installation)	38.307	10.577	8.387	-	-	-	-	-	-	-	-	57.271

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - DCGS-N INCREMENT 1 Afloat											
Models of Systems Affected: Ship										Type Modification: New Model										Related RDT&E PEs: 0305208N											
Manufacturer Information: DCGS-N INCREMENT 1 Afloat																															
Manufacturer Name: BAE ⁽²⁾															Manufacturer Location: SAN DIEGO, CA																
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 5																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Dec 2011				Dec 2012																									
Delivery Dates		May 2012				May 2013																									
Installation: DCGS-N INCREMENT 1 Afloat										Method of Implementation: Method										Installation Name: DCGS-N Increment 1 Afloat											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		11 / 11.260		2 / 2.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 13.860					
FY 2012		- / -		1 / 1.300		2 / 2.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 3.500					
FY 2013		- / -		- / -		2 / 2.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.200					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		11 / 11.260		3 / 3.900		4 / 4.400		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 19.560					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	11	-	-	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Out	11	-	-	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Footnotes: ⁽¹⁾ DCGS-N Inc 1 Block 1 and Block 2 unit costs represent an average cost based on 3 Rack, 2 Rack, and 1 Rack configurations dependent on specific platform, network, infrastructure versions, and alignment with the Navy's Network Infrastructure (Common Computing Environment (CCE)). In addition, unit costs continue to be updated based on actuals costs, locality and availability of platforms, and specific integration tasking associated with external dependent systems (e.g. Global Command and Control System - Maritime (GCCS-M), Radiant Mercury (RM), and others). First quarter installations reflected in																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - DCGS-N INCREMENT 1 Afloat
Models of Systems Affected: Ship	Type Modification: New Model	Related RDT&E PEs: 0305208N
the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. ⁽²⁾ Earliest deliveries will begin in May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)					Modification Nomenclature (Modification Number - Modification Title): 2 - DCGS-N INCREMENT 1 Ashore				
Models of Systems Affected: Shore			Type Modification: New Model					Related RDT&E PEs: 0305208N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	26.905	-	-	10.538	-	10.538	-	-	-	-	-	37.443
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	26.905	-	-	10.538	-	10.538	-	-	-	-	-	37.443
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	26.905	-	-	10.538	-	10.538	-	-	-	-	-	37.443
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DCGS-N brings together the proven imagery exploitation capabilities of Joint Services Imagery Processing System - Navy (JSIPS-N) Tactical Input Segment (TIS) and the precision mensuration capability of the Precision Targeting Workstation (PTW), merges them with the Multi-Intelligence capability developed by the Joint Fires Network (JFN) and disseminates this throughout the ashore and afloat nodes. It will support Joint Task Force (JTF) -level combat operations and support Joint Task Force Commanders and below with critical intelligence for battle management and information dominance across the full spectrum of operations, including peace, conflict, war, and the Overseas Contingency Operations (OCO). DCGS-N INC 1, BLK 1 has acquisition and budget authority FY09 - FY13; DCGS-N INC 1, BLK 2 requires a Limited Deployment Decision (LDD) in FY13.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)				Modification Nomenclature (Modification Number - Modification Title): 2 - DCGS-N INCREMENT 1 Ashore				
Models of Systems Affected: Shore				Type Modification: New Model				Related RDT&E PEs: 0305208N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DCGS-N INCREMENT 1 Ashore												
B Kits												
Recurring												
1.1.1) Procurement Block 2 - NonOrganic ⁽³⁾	- / -	- / -	- / -	3 / 6.796	- / -	3 / 6.796	- / -	- / -	- / -	- / -	- / -	3 / 6.796
Subtotal Recurring	- / -	- / -	- / -	3 / 6.796	- / -	3 / 6.796	- / -	- / -	- / -	- / -	- / -	3 / 6.796
Non-Recurring												
1.2.1) Procurement Block 1 - NonOrganic	10 / 20.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.680
Subtotal Non-Recurring	10 / 20.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 20.680
Total, DCGS-N INCREMENT 1 Ashore	10 / 20.680	- / -	- / -	3 / 6.796	- / -	3 / 6.796	- / -	- / -	- / -	- / -	- / -	13 / 27.476
Total Procurement, All Modifications	10 / 20.680	- / -	- / -	3 / 6.796	- / -	3 / 6.796	- / -	- / -	- / -	- / -	- / -	13 / 27.476
Support												
2.1) Production Support	- / 0.363	- / -	- / -	- / 0.442	- / -	- / 0.442	- / -	- / -	- / -	- / -	- / -	- / 0.805
Total Support, All Modifications	0.363	-	-	0.442	-	0.442	-	-	-	-	-	0.805
Total Procurement and Support	21.043	-	-	7.238	-	7.238	-	-	-	-	-	28.281
DCGS-N INCREMENT 1 Ashore Installation Cost	- / 5.862	- / -	- / -	- / 3.300	- / -	- / 3.300	- / -	- / -	- / -	- / -	- / -	- / 9.162
Total Installation Cost	- / 5.862	- / -	- / -	- / 3.300	- / -	- / 3.300	- / -	- / -	- / -	- / -	- / -	- / 9.162
Total Cost (Procurement + Support + Installation)	26.905	-	-	10.538	-	10.538	-	-	-	-	-	37.443

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - DCGS-N INCREMENT 1 Ashore											
Models of Systems Affected: Shore										Type Modification: New Model										Related RDT&E PEs: 0305208N											
Manufacturer Information: DCGS-N INCREMENT 1 Ashore																															
Manufacturer Name: BAE ⁽⁴⁾															Manufacturer Location: SAN DIEGO, CA																
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 5																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2013																					
Delivery Dates										May 2014																					
Installation: DCGS-N INCREMENT 1 Ashore										Method of Implementation: Method										Installation Name: DCGS-N Increment 1 Ashore											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		10 / 5.862		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 5.862					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		3 / 3.300		- / -		3 / 3.300		- / -		- / -		- / -		- / -		- / -		- / -		3 / 3.300					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		10 / 5.862		- / -		- / -		3 / 3.300		- / -		3 / 3.300		- / -		- / -		- / -		- / -		- / -		- / -		13 / 9.162					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	9	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Out	9	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Footnotes: ⁽³⁾ DCGS-N Inc 1 Block 1 and Block 2 unit costs represent an average cost based on 3 Rack, 2 Rack, and 1 Rack configurations dependent on specific platform, network, infrastructure versions, and alignment with the Navy's Network Infrastructure (Common Computing Environment (CCE)). In addition, unit costs continue to be updated based on actuals costs, locality and availability of platforms, and specific integration tasking associated with external dependent systems (e.g. Global Command and Control System - Maritime (GCCS-M), Radiant Mercury (RM), and others). Earliest deliveries will begin is May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - DCGS-N INCREMENT 1 Ashore
Models of Systems Affected: Shore	Type Modification: New Model	Related RDT&E PEs: 0305208N
⁽⁴⁾ Earliest deliveries will begin is May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)				Modification Nomenclature (Modification Number - Modification Title): 3 - PRODUCT IMPROVEMENT Afloat				
Models of Systems Affected: Ship			Type Modification: Tech Refresh/Upgrade					Related RDT&E PEs: 0305208N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	50.740	1.922	3.500	4.847	-	4.847	10.867	5.989	7.235	1.000	-	86.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	50.740	1.922	3.500	4.847	-	4.847	10.867	5.989	7.235	1.000	-	86.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	50.740	1.922	3.500	4.847	-	4.847	10.867	5.989	7.235	1.000	-	86.100
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Tech Refresh/Upgrade integration procures Commerical Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and unsupportable equipment for the DCGS-N and Joint Services Imagery Processing System - Navy (JSIPS-N) programs for the processing and exploitation of tactical and Imagery Intelligence (IMINT) and Signal Intelligence (SIGINT); Precision target geopositioning, mensuration, and imagery dissemination capabilities; Selected national IMINT requirements and processing capabilities from the National Geospatial-Intelligence Agency (NGA); Sharing of Intelligence, Surveillance, Reconnaissance and Targeting (ISR&T) and Command and Control (C2) information via DCGS Integrated Backbone (DIB) and Net-Centric Enterprise Services (NCES) standards. Specifically, this funds tech refresh/upgrades/Engineering Change Proposals (ECPs) to its subsystems to provide access and ingest data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers access and ingest data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)				Modification Nomenclature (Modification Number - Modification Title): 3 - PRODUCT IMPROVEMENT Afloat					
Models of Systems Affected: Ship				Type Modification: Tech Refresh/Upgrade				Related RDT&E PEs: 0305208N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PRODUCT IMPROVEMENT Afloat													
B Kits													
Recurring													
1.1.1) DCGS-N Tech Refresh/Upgrade - NonOrganic ⁽⁵⁾	2 / 10.700	1 / 0.866	2 / 1.559	3 / 2.598	- / -	3 / 2.598	6 / 5.960	2 / 2.243	4 / 4.352	- / -	- / -	20 / 28.278	
1.1.2) JSIPS-N Tech Refresh/Upgrade - NonOrganic	11 / 12.738	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 12.738	
Subtotal Recurring	13 / 23.438	1 / 0.866	2 / 1.559	3 / 2.598	- / -	3 / 2.598	6 / 5.960	2 / 2.243	4 / 4.352	- / -	- / -	31 / 41.016	
Total, PRODUCT IMPROVEMENT Afloat	13 / 23.438	1 / 0.866	2 / 1.559	3 / 2.598	- / -	3 / 2.598	6 / 5.960	2 / 2.243	4 / 4.352	- / -	- / -	31 / 41.016	
Total Procurement, All Modifications	13 / 23.438	1 / 0.866	2 / 1.559	3 / 2.598	- / -	3 / 2.598	6 / 5.960	2 / 2.243	4 / 4.352	- / -	- / -	31 / 41.016	
Support													
2.1) Equipment Support	- / 4.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.774	
2.2) Production Support	- / 2.168	- / 0.056	- / 0.101	- / 0.169	- / -	- / 0.169	- / 0.387	- / 0.146	- / 0.283	- / -	- / -	- / 3.310	
2.3) DSA	- / 1.564	- / 0.200	- / 0.240	- / 0.480	- / -	- / 0.480	- / 0.520	- / 0.400	- / 0.200	- / 0.200	- / -	- / 3.804	
Total Support, All Modifications	8.506	0.256	0.341	0.649	-	0.649	0.907	0.546	0.483	0.200	-	11.888	
Total Procurement and Support	31.944	1.122	1.900	3.247	-	3.247	6.867	2.789	4.835	0.200	-	52.904	
PRODUCT IMPROVEMENT Afloat Installation Cost	- / 18.796	- / 0.800	- / 1.600	- / 1.600	- / -	- / 1.600	- / 4.000	- / 3.200	- / 2.400	- / 0.800	- / -	- / 33.196	
Total Installation Cost	- / 18.796	- / 0.800	- / 1.600	- / 1.600	- / -	- / 1.600	- / 4.000	- / 3.200	- / 2.400	- / 0.800	- / -	- / 33.196	
Total Cost (Procurement + Support + Installation)	50.740	1.922	3.500	4.847	-	4.847	10.867	5.989	7.235	1.000	-	86.100	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - PRODUCT IMPROVEMENT Afloat													
Models of Systems Affected: Ship										Type Modification: Tech Refresh/Upgrade										Related RDT&E PEs: 0305208N													
Manufacturer Information: PRODUCT IMPROVEMENT Afloat																																	
Manufacturer Name: BAE ⁽⁶⁾															Manufacturer Location: SAN DIEGO, CA																		
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 5																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
Contract Dates		Dec 2011				Dec 2012				Dec 2013																							
Delivery Dates		May 2012				May 2013				May 2014																							
Installation: PRODUCT IMPROVEMENT Afloat										Method of Implementation: Method										Installation Name: Product Improvement Afloat DCGS-N/JSIPS													
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total									
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)									
All Prior Years		13 / 18.796		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 18.796									
FY 2012		- / -		1 / 0.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.800									
FY 2013		- / -		- / -		2 / 1.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 1.600									
FY 2014		- / -		- / -		- / -		2 / 1.600		- / -		2 / 1.600		1 / 0.800		- / -		- / -		- / -		- / -		3 / 2.400									
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		4 / 3.200		2 / 1.600		- / -		- / -		- / -		6 / 4.800									
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 1.600		- / -		- / -		- / -		2 / 1.600									
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 2.400		1 / 0.800		- / -		4 / 3.200									
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
Total		13 / 18.796		1 / 0.800		2 / 1.600		2 / 1.600		- / -		2 / 1.600		5 / 4.000		4 / 3.200		3 / 2.400		1 / 0.800		- / -		31 / 33.196									
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
In	13	-	-	1	-	-	-	-	1	-	1	-	-	1	1	1	1	1	2	1	-	2	2	-	-	2	1	-	-	1	-	-	31
Out	13	-	-	1	-	-	-	-	1	-	1	-	-	1	1	1	1	1	2	1	-	2	2	-	-	2	1	-	-	1	-	-	31
Footnotes: ⁽⁵⁾ DCGS-N Inc 1 Block 1 and Block 2 unit costs represent an average cost based on 3 Rack, 2 Rack, and 1 Rack configurations dependent on specific platform, network, infrastructure versions, and alignment with the Navy's Network Infrastructure (Common Computing Environment (CCE)). In addition, unit costs continue to be updated based on actuals costs, locality and availability of platforms, and specific integration tasking associated with external dependent systems (e.g. Global Command and Control System - Maritime (GCCS-M), Radiant Mercury (RM), and others). DCGS-N Increment 1 Block 2 planned procurements in FY14 include (3) 3-rack ashore systems and (4) DCGS-N Increment 1 technical refreshes ((3)1-rack afloat technical refreshes and (1) 2-rack ashore technical refreshes). These DCGS-N																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - PRODUCT IMPROVEMENT Afloat
Models of Systems Affected: Ship	Type Modification: Tech Refresh/Upgrade	Related RDT&E PEs: 0305208N
installations will replace the currently fielded legacy systems and leverage the Common Computing Environment (CCE) as applicable. First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. Earliest deliveries will begin in May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor. ⁽⁶⁾ Earliest deliveries will begin in May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)					Modification Nomenclature (Modification Number - Modification Title): 4 - PRODUCT IMPROVEMENT Ashore				
Models of Systems Affected: Shore			Type Modification: Tech Refresh/Upgrades				Related RDT&E PEs: 0305208N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	25.466	-	-	1.965	-	1.965	-	8.087	1.765	1.622	75.200	114.105
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	25.466	-	-	1.965	-	1.965	-	8.087	1.765	1.622	75.200	114.105
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	25.466	-	-	1.965	-	1.965	-	8.087	1.765	1.622	75.200	114.105
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Tech Refresh/Upgrade integration procures Commerical Off-The-Shelf/Non-Developmental Item (COTS/NDI) equipment to replace obsolete and unsupportable equipment for the DCGS-N and Joint Services Imagery Processing System - Navy (JSIPS-N) programs for the processing and exploitation of tactical and Imagery Intelligence (IMINT) and Signal Intelligence (SIGINT); Precision target geopositioning, mensuration, and imagery dissemination capabilities; Selected national IMINT requirements and processing capabilities from the National Geospatial-Intelligence Agency (NGA); Sharing of Intelligence, Surveillance, Reconnaissance and Targeting (ISR&T) and Command and Control (C2) information via DCGS Integrated Backbone (DIB) and Net-Centric Enterprise Services (NCES) standards. Specifically, this funds tech refresh/upgrades/Engineering Change Proposals (ECPs) to its subsystems to provide access and ingest data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers access and ingest data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)				Modification Nomenclature (Modification Number - Modification Title): 4 - PRODUCT IMPROVEMENT Ashore				
Models of Systems Affected: Shore				Type Modification: Tech Refresh/Upgrades				Related RDT&E PEs: 0305208N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
PRODUCT IMPROVEMENT Ashore												
B Kits												
Recurring												
1.1.1) DCGS-N Tech Refresh/Upgrade - NonOrganic ⁽⁷⁾	1 / 0.235	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	4 / 4.589	1 / 1.000	1 / 0.866	- / 57.372	8 / 65.062
1.1.2) JSIPS-N Tech Refresh/Upgrade - NonOrganic	12 / 20.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 20.832
Subtotal Recurring	13 / 21.067	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	4 / 4.589	1 / 1.000	1 / 0.866	- / 57.372	20 / 85.894
Total, PRODUCT IMPROVEMENT Ashore	13 / 21.067	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	4 / 4.589	1 / 1.000	1 / 0.866	- / 57.372	20 / 85.894
Total Procurement, All Modifications	13 / 21.067	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	4 / 4.589	1 / 1.000	1 / 0.866	- / 57.372	20 / 85.894
Support												
2.1) Production Support	- / 0.015	- / -	- / -	- / 0.065	- / -	- / 0.065	- / -	- / 0.298	- / 0.065	- / 0.056	- / 3.988	- / 4.487
Total Support, All Modifications	0.015	-	-	0.065	-	0.065	-	0.298	0.065	0.056	3.988	4.487
Total Procurement and Support	21.082	-	-	1.065	-	1.065	-	4.887	1.065	0.922	61.360	90.381
PRODUCT IMPROVEMENT Ashore Installation Cost	- / 4.384	- / -	- / -	- / 0.900	- / -	- / 0.900	- / -	- / 3.200	- / 0.700	- / 0.700	- / 13.840	- / 23.724
Total Installation Cost	- / 4.384	- / -	- / -	- / 0.900	- / -	- / 0.900	- / -	- / 3.200	- / 0.700	- / 0.700	- / 13.840	- / 23.724
Total Cost (Procurement + Support + Installation)	25.466	-	-	1.965	-	1.965	-	8.087	1.765	1.622	75.200	114.105

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - PRODUCT IMPROVEMENT Ashore											
Models of Systems Affected: Shore										Type Modification: Tech Refresh/Upgrades										Related RDT&E PEs: 0305208N											
Manufacturer Information: PRODUCT IMPROVEMENT Ashore																															
Manufacturer Name: BAE ⁽⁸⁾															Manufacturer Location: SAN DIEGO, CA																
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 5																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2013																					
Delivery Dates										May 2014																					
Installation: PRODUCT IMPROVEMENT Ashore										Method of Implementation: Method										Installation Name: Product Improvement Ashore DCGS-N/JSIPS-N											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		13 / 4.384		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 4.384					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		1 / 0.900		- / -		1 / 0.900		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.900					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 3.200		- / -		- / -		- / -		- / -		4 / 3.200					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.700		- / -		- / -		- / -		1 / 0.700					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.700		- / 13.840		- / 13.840		1 / 14.540					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		13 / 4.384		- / -		- / -		1 / 0.900		- / -		1 / 0.900		- / -		4 / 3.200		1 / 0.700		1 / 0.700		- / 13.840		- / 13.840		20 / 23.724					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	12	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	2	-	-	-	1	-	-	-	1	-	20
Out	12	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	2	-	-	-	1	-	-	-	1	-	20
Footnotes: ⁽⁷⁾ DCGS-N Inc 1 Block 1 and Block 2 unit costs represent an average cost based on 3 Rack, 2 Rack, and 1 Rack configurations dependent on specific platform, network, infrastructure versions, and alignment with the Navy's Network Infrastructure (Common Computing Environment (CCE)). In addition, unit costs continue to be updated based on actuals costs, locality and availability of platforms, and specific integration tasking associated with external dependent systems (e.g. Global Command and Control System - Maritime (GCCS-M), Radiant Mercury (RM), and others). Earliest deliveries will begin is May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2914 - Distributed Common Ground System-Navy (DCGS-N)	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - PRODUCT IMPROVEMENT Ashore
Models of Systems Affected: Shore	Type Modification: Tech Refresh/Upgrades	Related RDT&E PEs: 0305208N
⁽⁸⁾ Earliest deliveries will begin is May; due to multiple procurements (DCGS-N INC 1 Afloat/Shore, Product Improvement Afloat/Shore) on the same contract subsequent deliveries will fall into later months based on max output by contractor.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303138N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	11.385	78.239	341.398	340.567	-	340.567	353.342	374.089	387.109	384.535	3,597.420	5,868.084
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	11.385	78.239	341.398	340.567	-	340.567	353.342	374.089	387.109	384.535	3,597.420	5,868.084
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	11.385	78.239	341.398	340.567	-	340.567	353.342	374.089	387.109	384.535	3,597.420	5,868.084
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	3.997	6.044	9.233	-	9.233	8.349	11.583	6.718	5.027	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Consolidated Afloat Networks & Enterprise Services (CANES) is the Navy's only Program of Record to replace existing afloat networks and provide the necessary infrastructure for applications, systems, and services to dominate the cyber warfare domain. CANES is the technical and infrastructure consolidation of existing, separately managed afloat networks currently under PE 0204163N (LI 3050) Ship Communications Automation, including Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange System - Maritime, Sensitive Compartmented Information (SCI) Networks, and Submarine Local Area Network. These legacy afloat network designs are currently End of Life and CANES will replace these existing, unaffordable, and obsolete networks.

The fundamental goal of CANES is to bring Infrastructure and Platform as a Service (IaaS / PaaS), within which current and future iterations of Tasking, Collection, Processing, Exploitation and Dissemination computing and storage capabilities will reside. CANES will provide complete infrastructure, inclusive of hardware, software, processing, storage, and end user devices for Unclassified, Coalition, Secret and SCI for all basic network services (email, web, chat, collaboration) to a wide variety of Navy surface combatants, submarines, Maritime Operations Centers, Regional Network Operations and Security Centers (RNOSCs) and Aircraft. In addition, ~36 hosted applications and systems inclusive of Command and Control, Intelligence, Surveillance and Reconnaissance, Information Operations, Logistics and Business domains require the CANES infrastructure to operate in the tactical environment. Integrating these applications and systems is accomplished through Application Integration, the engineering process used to evaluate and validate compatibility between the CANES IaaS / PaaS and the Navy-validated applications, systems and services that will utilize the CANES infrastructure and services. Specific programs, such as Distributed Common Ground System - Navy, Global Command and Control System - Maritime, Naval Tactical Command Support System, and Undersea Warfare Decision Support System, are dependent on the CANES Common Computing Environment to field, host, and sustain their capability because they no longer provide their own hardware. To reduce risks associated with End of Life Legacy Systems awaiting CANES replacement in the out-years, LI 2915 will support required emergent modernization to replace end of life components, protect against new Information Assurance vulnerabilities, and to remain compliant with DoD mandates. CANES requires that Automated Digital Network System (ADNS) field prior to or concurrently with CANES due to architectural reliance between the two programs.

CANES will develop updates on a rolling four year hardware baseline and a two year software baseline. Fielding of rolling baselines will occur every eight years for hardware and four years for software. CANES is based on the overarching concept of reducing the number of afloat networks and providing enhanced efficiency through a single engineering focus on integrated technical solutions. This will allow for streamlined acquisition, contracting, and test events, and significant lifecycle efficiencies through consolidation of multiple current configuration management baselines, logistics, and training efforts into a unified support structure.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2915 - CANES									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0303138N									

MDAP/MAIS Code(s):

Automated Digital Network System (ADNS): ADNS provides routing, switching, baseband, configuration and monitoring capabilities for interconnecting naval and coalition enclaves worldwide. ADNS utilizes Commercial Off-the-Shelf/ Government Off-the-Shelf (COTS/GOTS) equipment and network protocols as specified by the joint technical architecture. ADNS Increment I provides initial limited, ship to shore IP connectivity, separation of enclaves, reuse of unused enclave bandwidth, and ship to tactical shore IP connectivity. ADNS Increment II provides additional capabilities of load balancing, Radio Frequency (RF) restoral, initial Quality of Service (QoS) to include application prioritization, initial traffic management, and enhancements designed to maximize use of "effective" available bandwidth for surface, shore, and airborne platforms. ADNS Increment III will converge all Navy tactical voice, video, and data requirements into a converged IP data stream. This includes SCIP-IWF for secure telephony over IP, as well as Video Information Exchange System for secure video over IP. In addition, the Increment III architecture will incorporate an IPv4/IPv6 dual stack and a cipher text security architecture to align to the Global Information Grid (GIG) in order to mesh Navy tactical surface, subsurface, and airborne platforms into a single IP environment with gateway functions to joint and coalition networks. ADNS Increment III will serve as the Navy tactical interface (Gateway) for IP networking with transformational satellite, Joint Tactical Radio System, High Assurance Internet Protocol Encrypter, and Advanced Extremely High Frequency.

Cost to Complete (CTC) values are exclusive to CANES. ADNS CTC is continuing.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 5F010/5F777 CANES - Afloat Non-MIP	P3A				10.208			74.763			263.551			283.620			-			283.620
2 - 5F010/5F776 CANES - Ashore Non-MIP	P3A				1.177			3.476			17.696			4.849			-			4.849
3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II	P3A				0.000			-			0.400			0.400			-			0.400
4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III	P3A				0.000			-			46.289			45.798			-			45.798
5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III	P3A				0.000			-			13.462			5.900			-			5.900
Total Gross/Weapon System Cost					11.385			78.239			341.398			340.567			-			340.567

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 5F010/5F777 CANES - Afloat Non-MIP	P3A				303.409			310.150			297.868			310.296			3,243.987			5,097.852
2 - 5F010/5F776 CANES - Ashore Non-MIP	P3A				4.899			20.165			48.096			30.998			353.433			484.789

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment												P-1 Line Item Nomenclature: 2915 - CANES									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0303138N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II	P3A				0.400			0.400			0.400			0.400			-			2.400	
4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III	P3A				42.134			40.874			38.245			40.341			-			253.681	
5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III	P3A				2.500			2.500			2.500			2.500			-			29.362	
Total Gross/Weapon System Cost					353.342			374.089			387.109			384.535			3,597.420			5,868.084	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: In order to facilitate fielding synchronization of CANES and ADNS due to the architectural interdependencies between the programs the ADNS program transferred from Ship Communications Automation LI 3050 to CANES LI 2915 beginning in FY13. FY 2014 - CANES funds are for procurement of (30) production units, (3) First Articles, (1) Technical Training Equipment (TTE), integration, and associated costs for pre-installation design. In addition, the FY14 CANES investment will fund installations for (26) afloat units and (1) TTE units. The related RDTEN PEs are CANES Integration PE 0303138N and CANES-MIP PE 0303238N. It is important to note, procurement quantities across the FYDP are the same CANES end item product referenced in CANES LI 2925. Installation quantities represent sites receiving CANES as also referenced in LI 2925. The associated dollars in this exhibit represent the non-MIP portions of the CANES enclave. FY 2014 - ADNS funds are for procurement of (30) Afloat units, (10) Ashore units, and integration associated costs for pre-installation design. In addition, the FY14 ADNS investment will fund installations for (31) Afloat units and (6) Ashore units.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5F010/5F777 CANES - Afloat Non-MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprises Services (CANES) Non-MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.208	74.763	263.551	283.620	-	283.620	303.409	310.150	297.868	310.296	3,243.987	5,097.852
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.208	74.763	263.551	283.620	-	283.620	303.409	310.150	297.868	310.296	3,243.987	5,097.852
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.208	74.763	263.551	283.620	-	283.620	303.409	310.150	297.868	310.296	3,243.987	5,097.852
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The consolidation of existing Afloat Network programs of record designed to provide an agile, responsive Common Computing Environment (CCE) and the eventual addition of Afloat Core Services (ACS) within and upon which application developers will host Command and Control, Warfare, Intelligence, Logistics, and business and education applications and services. In addition, migration of Non-Classified Enclave (NCE) capabilities into the CANES baseline.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES					Modification Nomenclature (Modification Number - Modification Title): 1 - 5F010/5F777 CANES - Afloat Non-MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprires Services (CANES) Non-MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
5F010/5F777 CANES - Afloat Non-MIP													
B Kits													
Recurring													
1.1.1) CANES - Afloat 5F010/5F777 (Non-MIP) - NonOrganic ⁽¹⁾	- / 5.512	8 / 30.798	16 / 81.159	30 / 126.550	- / -	30 / 126.550	33 / 134.882	23 / 104.422	25 / 105.824	16 / 69.494	31 / 148.583	182 / 807.224	
1.1.2) CANES - Afloat Technical Insertion (Non-MIP) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 39.218	14 / 47.249	27 / 94.428	405 / 1,748.444	454 / 1,929.339	
Subtotal Recurring	- / 5.512	8 / 30.798	16 / 81.159	30 / 126.550	- / -	30 / 126.550	33 / 134.882	31 / 143.640	39 / 153.073	43 / 163.922	436 / 1,897.027	636 / 2,736.563	
Non-Recurring													
1.2.1) CANES - Afloat First Articles (Non-MIP) - Organic ⁽²⁾	- / -	5 / 33.165	2 / 25.260	3 / 29.275	- / -	3 / 29.275	2 / 5.327	1 / 3.377	- / -	- / -	- / -	13 / 96.404	
1.2.2) CANES - Non-Recurring Engineering (Non-MIP) - Organic ⁽³⁾	- / -	- / 4.106	- / 39.790	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 43.896	
Subtotal Non-Recurring	- / -	5 / 37.271	2 / 65.050	3 / 29.275	- / -	3 / 29.275	2 / 5.327	1 / 3.377	- / -	- / -	- / -	13 / 140.300	
Total, 5F010/5F777 CANES - Afloat Non-MIP	- / 5.512	13 / 68.069	18 / 146.209	33 / 155.825	- / -	33 / 155.825	35 / 140.209	32 / 147.017	39 / 153.073	43 / 163.922	436 / 1,897.027	649 / 2,876.863	
Total Procurement, All Modifications	- / 5.512	13 / 68.069	18 / 146.209	33 / 155.825	- / -	33 / 155.825	35 / 140.209	32 / 147.017	39 / 153.073	43 / 163.922	436 / 1,897.027	649 / 2,876.863	
Support													
2.1) CANES - Afloat Production Support (Non-MIP)	- / -	- / 1.621	- / 4.272	- / 6.661	- / -	- / 6.661	- / 7.099	- / 7.560	- / 8.056	- / 8.627	- / 99.844	- / 143.740	
2.2) CANES - Afloat Design Service Agent (Non-MIP)	- / 4.696	- / 3.670	- / 24.470	- / 12.150	- / -	- / 12.150	- / 13.010	- / 16.764	- / 8.649	- / 10.824	- / 21.191	- / 115.424	
Total Support, All Modifications	4.696	5.291	28.742	18.811	-	18.811	20.109	24.324	16.705	19.451	121.035	259.164	
Total Procurement and Support	10.208	73.360	174.951	174.636	-	174.636	160.318	171.341	169.778	183.373	2,018.062	3,136.027	
5F010/5F777 CANES - Afloat Non-MIP Installation Cost	- / 0.000	- / 1.403	- / 88.600	- / 108.984	- / -	- / 108.984	- / 143.091	- / 138.809	- / 128.090	- / 126.923	- / 1,225.925	- / 1,961.825	
Total Installation Cost	- / 0.000	- / 1.403	- / 88.600	- / 108.984	- / -	- / 108.984	- / 143.091	- / 138.809	- / 128.090	- / 126.923	- / 1,225.925	- / 1,961.825	
Total Cost (Procurement + Support + Installation)	10.208	74.763	263.551	283.620	-	283.620	303.409	310.150	297.868	310.296	3,243.987	5,097.852	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5F010/5F777 CANES - Afloat Non-MIP

Models of Systems Affected: Consolidated Afloat Networks & Enterprises Services (CANES) Non-MIP	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N

Manufacturer Information: 5F010/5F777 CANES - Afloat Non-MIP							
Manufacturer Name: Northrop Grumman Systems Corp. ⁽⁴⁾				Manufacturer Location: Herndon, VA			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Oct 2012					
Delivery Dates	Aug 2012	Mar 2013					
Manufacturer Name: TBD ⁽⁵⁾				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Nov 2013				
Delivery Dates			Apr 2014				

Installation: 5F010/5F777 CANES - Afloat Non-MIP			Method of Implementation: [none specified]					Installation Name: CANES - Afloat 5F010/5F777 (Non-MIP)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	1 / 1.403	7 / 36.821	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 38.224
FY 2013	- / -	- / -	12 / 51.779	4 / 16.580	- / -	4 / 16.580	- / -	- / -	- / -	- / -	- / -	16 / 68.359
FY 2014	- / -	- / -	- / -	22 / 92.404	- / -	22 / 92.404	8 / 64.339	- / -	- / -	- / -	- / -	30 / 156.743
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	23 / 78.752	10 / 48.458	- / -	- / -	- / -	33 / 127.210
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 88.305	6 / 27.112	- / -	- / -	23 / 115.417
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 84.608	3 / 16.708	- / -	25 / 101.316
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 86.929	- / -	16 / 86.929
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 161.801	31 / 161.801
Total	- / -	1 / 1.403	19 / 88.600	26 / 108.984	- / -	26 / 108.984	31 / 143.091	27 / 136.763	28 / 111.720	19 / 103.637	31 / 161.801	182 / 855.999

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2915 - CANES										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5F010/5F777 CANES - Afloat Non-MIP												
Models of Systems Affected: Consolidated Afloat Networks & Enterprises Services (CANES) Non-MIP										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303138N												
Installation: 5F010/5F777 CANES - Afloat Non-MIP										Method of Implementation: [none specified]										Installation Name: CANES - Afloat 5F010/5F777 (Non-MIP)												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	1	-	8	6	4	5	7	10	5	8	6	8	9	7	5	9	6	9	7	9	3	5	1	3	41	182	
Out	-	-	-	-	-	-	-	1	6	5	4	10	5	4	10	5	10	8	9	7	6	8	5	7	9	11	1	6	1	44	182	
Installation: 5F010/5F777 CANES - Afloat Non-MIP										Method of Implementation: [none specified]										Installation Name: CANES - Afloat Technical Insertion (Non-MIP)												
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 2.046		7 / 6.732		- / -		- / -		8 / 8.778						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 9.638		2 / 1.646		- / -		14 / 11.284						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		23 / 21.640		4 / 10.281		27 / 31.921						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		405 / 1,053.843		405 / 1,053.843						
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 2.046		19 / 16.370		25 / 23.286		409 / 1,064.124		454 / 1,105.826						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	19	-	-	-	25	-	409	454
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	19	-	-	-	25	409	454	
Installation: 5F010/5F777 CANES - Afloat Non-MIP										Method of Implementation: Not Installed - CANES - Afloat First Articles (Non-MIP)										Installation Quantity: 13												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5F010/5F777 CANES - Afloat Non-MIP
Models of Systems Affected: Consolidated Afloat Networks & Enterprises Services (CANES) Non-MIP	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N
Footnotes: (1) CANES production units require an additional 4 months after delivery for operational integration, assembly and testing prior to installation start. Installs do not begin until 9 months after contract award (5 months production lead time + 4 months integration). DDGs are the only exception and require 4 months production lead time + 1 month integration. - First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. -Average unit cost fluctuations are attributable to variances in system configuration requirements among platforms. A DDG/CG/LSD (unit level platforms) has fewer users and runs fewer applications than a LHD/CVN (force level platforms). Force level platforms are larger in scale compared to the unit level ships and represent a super set of users, applications and connected systems. -Installation cost fluctuations are attributed to and dependent on class, level of the platform, variant of predecessor system the hull currently has installed (ISNS Alpha/Charlie/Delta/Legacy), and geographic location of the installation. As an example of variant differences, if a CVN has an ISNS Delta variant installed, a CANES installation is estimated to be \$11.2M. If that same CVN had a legacy ATM LAN the CANES installation is estimated to be \$16.4M. The legacy LAN installation has the additional cost of rewiring all the drops, while the newer variants of ISNS allow for reuse of drops during the CANES installation. (2) - CANES first articles are defined as necessary production design drawings, environmental (shock and vibration) qualifications, logistics and training artifacts as well as a certified tested baseline provided to the government for each platform first of its kind. First articles are separate from production units and must be bought prior to the procurement of the corresponding production units. Procurement Lead Time (PLT) is 8 months for First Articles (DDG,CVN, submarines, etc). All following production articles of the same variant require a PLT of 5 months. CANES First Articles are not installed. Average unit cost fluctuations are attributable to variances in system configuration requirements among platforms. A DDG/CG/LSD (unit level platforms) has fewer users and runs fewer applications than a LHD/CVN (force level platforms). Force level platforms are larger in scale compared to the unit level ships and represent a super set of users, applications and connected systems. The FY13 procurement is two Force Level units; FY14 is two Force and one Unit Level units; FY15 and FY 16 are Unit Level procurements. (3) The NRE cost element reflects production engineering costs related to delivery of the first production units. These costs include CVN and DDG design hardware baseline updates required as a result of deficiencies found during the manufacturing process and updates to related production documentation, both of which are required prior to final acceptance by the government. (4) FY 2012 contract was delayed 1 month due to protest after down select. (5) FY 2014 Contractor and location will be defined once Full Deployment contract is awarded.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - 5F010/5F776 CANES - Ashore Non-MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) Non-MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1.177	3.476	17.696	4.849	-	4.849	4.899	20.165	48.096	30.998	353.433	484.789
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1.177	3.476	17.696	4.849	-	4.849	4.899	20.165	48.096	30.998	353.433	484.789
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	1.177	3.476	17.696	4.849	-	4.849	4.899	20.165	48.096	30.998	353.433	484.789
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The consolidation of existing Afloat Network programs of record designed to provide an agile, responsive Common Computing Environment (CCE) and the eventual addition of Afloat Core Services (ACS) within and upon which application developers will host Command and Control, Warfare, Intelligence, Logistics, and business and education applications and services for Maritime Operation Command (MOC), Regional Network Operations and Security Centers (RNOSC) and Technical Training Equipment (TTE).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES					Modification Nomenclature (Modification Number - Modification Title): 2 - 5F010/5F776 CANES - Ashore Non-MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) Non-MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
5F010/5F776 CANES - Ashore Non-MIP													
B Kits													
Recurring													
1.1.1) CANES - Ashore 5F010/5F776 (Non-MIP) - NonOrganic ⁽⁶⁾	- / 1.177	- / -	2 / 9.507	1 / 2.724	- / -	1 / 2.724	1 / 2.757	- / -	2 / 21.274	1 / 15.411	3 / 39.754	10 / 92.604	
1.1.2) CANES - Ashore - Technical Insertion (Non-MIP) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.544	1 / 2.420	27 / 133.010	30 / 138.974	
Subtotal Recurring	- / 1.177	- / -	2 / 9.507	1 / 2.724	- / -	1 / 2.724	1 / 2.757	- / -	4 / 24.818	2 / 17.831	30 / 172.764	40 / 231.578	
Non-Recurring													
1.2.1) CANES - Ashore First Articles (Non-MIP) - Organic ⁽⁷⁾	- / -	1 / 3.476	- / -	- / -	- / -	- / -	- / -	1 / 18.247	- / -	- / -	- / -	2 / 21.723	
Subtotal Non-Recurring	- / -	1 / 3.476	- / -	- / -	- / -	- / -	- / -	1 / 18.247	- / -	- / -	- / -	2 / 21.723	
Total, 5F010/5F776 CANES - Ashore Non-MIP	- / 1.177	1 / 3.476	2 / 9.507	1 / 2.724	- / -	1 / 2.724	1 / 2.757	1 / 18.247	4 / 24.818	2 / 17.831	30 / 172.764	42 / 253.301	
Total Procurement, All Modifications	- / 1.177	1 / 3.476	2 / 9.507	1 / 2.724	- / -	1 / 2.724	1 / 2.757	1 / 18.247	4 / 24.818	2 / 17.831	30 / 172.764	42 / 253.301	
Support													
2.1) CANES - Ashore Production Support (Non-MIP)	- / -	- / -	- / 0.500	- / 0.143	- / -	- / 0.143	- / 0.145	- / 0.262	- / 1.306	- / 0.938	- / 9.093	- / 12.387	
2.2) CANES - Ashore Design Services Agent (Non-MIP)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.656	- / 0.930	- / 1.346	- / 11.103	- / 15.035	
Total Support, All Modifications	-	-	0.500	0.143	-	0.143	0.145	1.918	2.236	2.284	20.196	27.422	
Total Procurement and Support	1.177	3.476	10.007	2.867	-	2.867	2.902	20.165	27.054	20.115	192.960	280.723	
5F010/5F776 CANES - Ashore Non-MIP Installation Cost	- / 0.000	- / -	- / 7.689	- / 1.982	- / -	- / 1.982	- / 1.997	- / -	- / 21.042	- / 10.883	- / 160.473	- / 204.066	
Total Installation Cost	- / 0.000	- / -	- / 7.689	- / 1.982	- / -	- / 1.982	- / 1.997	- / -	- / 21.042	- / 10.883	- / 160.473	- / 204.066	
Total Cost (Procurement + Support + Installation)	1.177	3.476	17.696	4.849	-	4.849	4.899	20.165	48.096	30.998	353.433	484.789	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 5F010/5F776 CANES - Ashore Non-MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) Non-MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N				
Manufacturer Information: 5F010/5F776 CANES - Ashore Non-MIP												
Manufacturer Name: Northrop Grumman Systems Corp.						Manufacturer Location: Herndon, VA						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012										
Delivery Dates		Apr 2013										
Manufacturer Name: TBD ⁽⁸⁾						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Dec 2013									
Delivery Dates			Apr 2014									
Installation: 5F010/5F776 CANES - Ashore Non-MIP												
Method of Implementation: [none specified]						Installation Name: CANES - Ashore 5F010/5F776 (Non-MIP)						
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	2 / 7.689	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 7.689
FY 2014	- / -	- / -	- / -	1 / 1.982	- / -	1 / 1.982	- / -	- / -	- / -	- / -	- / -	1 / 1.982
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.997	- / -	- / -	- / -	- / -	1 / 1.997
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 20.204	- / -	- / -	2 / 20.204
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 10.449	- / -	1 / 10.449
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 40.060	3 / 40.060
Total	- / -	- / -	2 / 7.689	1 / 1.982	- / -	1 / 1.982	1 / 1.997	- / -	2 / 20.204	1 / 10.449	3 / 40.060	10 / 82.381

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2915 - CANES										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 5F010/5F776 CANES - Ashore Non-MIP												
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) Non-MIP										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303138N												
Installation: 5F010/5F776 CANES - Ashore Non-MIP										Method of Implementation: [none specified]										Installation Name: CANES - Ashore 5F010/5F776 (Non-MIP)												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	-	3	10
Out	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	3	10	
Installation: 5F010/5F776 CANES - Ashore Non-MIP										Method of Implementation: [none specified]										Installation Name: CANES - Ashore - Technical Insertion (Non-MIP)												
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.838		- / -		- / -		2 / 0.838								
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.434		- / -		1 / 0.434								
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		27 / 120.413		27 / 120.413								
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.838		1 / 0.434		27 / 120.413		30 / 121.685								
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	27	30	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	27	30	
Installation: 5F010/5F776 CANES - Ashore Non-MIP										Method of Implementation: Not Installed - CANES - Ashore First Articles (Non-MIP)										Installation Quantity: 2												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 5F010/5F776 CANES - Ashore Non-MIP
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) Non-MIP	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N
Footnotes: (6) Ashore procurement quantities are detailed as follows: Technical Training Equipment (TTE) - FY12 (0), FY13 (2), FY14 (1), FY15 (1), FY16 (0), FY17 (0), FY18 (0); Maritime Operation Command (MOC) - FY12 (0), FY13 (0), FY14 (0), FY15 (0), FY16 (0), FY17 (2), FY18 (1). -A MOC is a fully operational system configuration. A TTE configuration is a subset of a MOC configuration. This scale difference accounts for the fluctuation in per unit costs across fiscal years commensurate with the procurement quantities outlined in above note. -Fluctuations in DSA costs are the result of TTE having no associated DSA requirements. MOC units do have associated DSA costs reflected which start in FY16 and proceed into the following years. (7) Procurement Lead Time (PLT) is 8 months for First Articles. First Articles are defined as necessary production design drawings, environmental (shock and vibration) qualifications, logistics and training artifacts as well as a certified tested baseline provided to the government for each platform first of its kind. All following articles of the same variant require a PLT of 6 months. Ashore production lead times require one month less than Afloat production lead times due to the long lead time afloat production quality racks and minimized shock and vibration requirements for shore facilities. CANES First Articles are not installed. (8) FY 2014 Contractor and location will be defined once Full Deployment contract is awarded.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II			

Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N			

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	0.400	0.400	-	0.400	0.400	0.400	0.400	0.400	-	2.400
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	0.400	0.400	-	0.400	0.400	0.400	0.400	0.400	-	2.400
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	0.400	0.400	-	0.400	0.400	0.400	0.400	0.400	-	2.400
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS allows services and applications to interconnect to the Defense Information Systems Network (DISN) ashore via multiple Radio Frequency (RF) resources and pier connectivity.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES					Modification Nomenclature (Modification Number - Modification Title): 3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II													
B Kits													
Recurring													
1.1.2) ADNS INC II - NonOrganic ⁽⁹⁾	- / -	- / -	4 / 0.200	4 / 0.200	- / -	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	- / -	24 / 1.200	
Subtotal Recurring	- / -	- / -	4 / 0.200	4 / 0.200	- / -	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	- / -	24 / 1.200	
Total, 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II	- / -	- / -	4 / 0.200	4 / 0.200	- / -	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	- / -	24 / 1.200	
Total Procurement, All Modifications	- / -	- / -	4 / 0.200	4 / 0.200	- / -	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	4 / 0.200	- / -	24 / 1.200	
Support													
2.1) PRODUCTION SUPPORT	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.2) PRE-INSTALLATION DESIGN	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	0.000	-	0.200	0.200	-	0.200	0.200	0.200	0.200	0.200	-	1.200	
5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II Installation Cost	- / 0.000	- / -	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / -	- / 1.200	
Total Installation Cost	- / 0.000	- / -	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / -	- / 1.200	
Total Cost (Procurement + Support + Installation)	0.000	-	0.400	0.400	-	0.400	0.400	0.400	0.400	0.400	-	2.400	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2915 - CANES								Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II															
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments								Type Modification: [No Modification Type Specified]								Related RDT&E PEs: 0303138N															
Manufacturer Information: 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II																															
Manufacturer Name: SAIC														Manufacturer Location: San Diego, CA																	
Administrative Leadtime <i>(in Months)</i> : 1														Production Leadtime <i>(in Months)</i> : 4																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Nov 2012				Nov 2013																					
Delivery Dates						Mar 2013				Mar 2014																					
Installation: 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II														Method of Implementation: [none specified]										Installation Name: ADNS INC II							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -	- / -		4 / 0.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200						
FY 2014		- / -	- / -		- / -		4 / 0.200		- / -		4 / 0.200		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		4 / 0.200		- / -		- / -		- / -		- / -		- / -		4 / 0.200						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200		- / -		- / -		- / -		- / -		4 / 0.200						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200		- / -		- / -		- / -		4 / 0.200						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200		- / -		- / -		4 / 0.200						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -	- / -		4 / 0.200		4 / 0.200		- / -		4 / 0.200		4 / 0.200		4 / 0.200		4 / 0.200		4 / 0.200		4 / 0.200		- / -		24 / 1.200						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	2	1	1	-	2	1	1	-	2	1	1	-	2	1	1	-	2	1	1	-	2	1	1	-	24
Out	-	-	-	-	-	-	-	3	1	-	-	3	1	-	-	3	1	-	-	3	1	-	-	3	1	-	-	3	1	-	24

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC I & II
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N
Footnotes: ⁽⁹⁾ Budget prior to FY13 (PY-FY12) is shown under LI 3050. -Legacy increments will remain in the fleet throughout the FYDP. Tech refresh is required to field hardware to address End of Life issues.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303138N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	46.289	45.798	-	45.798	42.134	40.874	38.245	40.341	-	253.681
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	46.289	45.798	-	45.798	42.134	40.874	38.245	40.341	-	253.681
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	46.289	45.798	-	45.798	42.134	40.874	38.245	40.341	-	253.681
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS provides the only Quality and Class of Service (QoS/CoS) routing for Multi-Service Voice, Video, and Data domains across available Radio Frequency (RF) paths.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature (Modification Number - Modification Title): 4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III												
B Kits												
Recurring												
1.1.1) ADNS INC III - NonOrganic ⁽¹⁰⁾	2 / 0.000	24 / -	25 / 23.600	30 / 28.903	- / -	30 / 28.903	27 / 26.500	30 / 25.067	26 / 24.187	27 / 26.165	- / -	191 / 154.422
Subtotal Recurring	2 / 0.000	24 / -	25 / 23.600	30 / 28.903	- / -	30 / 28.903	27 / 26.500	30 / 25.067	26 / 24.187	27 / 26.165	- / -	191 / 154.422
Total, 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III	2 / 0.000	24 / -	25 / 23.600	30 / 28.903	- / -	30 / 28.903	27 / 26.500	30 / 25.067	26 / 24.187	27 / 26.165	- / -	191 / 154.422
Total Procurement, All Modifications	2 / 0.000	24 / -	25 / 23.600	30 / 28.903	- / -	30 / 28.903	27 / 26.500	30 / 25.067	26 / 24.187	27 / 26.165	- / -	191 / 154.422
Support												
2.1) ADNS - PRODUCTION SUPPORT	- / -	- / -	- / 1.312	- / 1.318	- / -	- / 1.318	- / 1.487	- / 1.400	- / 1.359	- / 2.060	- / -	- / 8.936
2.2) ADNS - DSA	- / -	- / -	- / 3.018	- / 2.290	- / -	- / 2.290	- / 2.655	- / 2.612	- / 1.461	- / 2.108	- / -	- / 14.144
2.3) Non-Recurring Engineering	- / -	- / -	- / 4.485	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.485
Total Support, All Modifications	-	-	8.815	3.608	-	3.608	4.142	4.012	2.820	4.168	-	27.565
Total Procurement and Support	0.000	-	32.415	32.511	-	32.511	30.642	29.079	27.007	30.333	-	181.987
5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III Installation Cost	- / 0.000	- / -	- / 13.874	- / 13.287	- / -	- / 13.287	- / 11.492	- / 11.795	- / 11.238	- / 10.008	- / -	- / 71.694
Total Installation Cost	- / 0.000	- / -	- / 13.874	- / 13.287	- / -	- / 13.287	- / 11.492	- / 11.795	- / 11.238	- / 10.008	- / -	- / 71.694
Total Cost (Procurement + Support + Installation)	0.000	-	46.289	45.798	-	45.798	42.134	40.874	38.245	40.341	-	253.681

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2915 - CANES										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III											
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303138N											
Manufacturer Information: 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III																															
Manufacturer Name: SERCO, INC.													Manufacturer Location: San Diego, CA																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 7																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Nov 2012				Nov 2013																					
Delivery Dates						Jun 2013				Jun 2014																					
Installation: 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III													Method of Implementation: [none specified]										Installation Name: ADNS INC III								
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		2 / 1.024		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 1.024								
FY 2012		- / -	- / -		24 / 10.569		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		24 / 10.569								
FY 2013		- / -	- / -		5 / 2.281		20 / 8.505		- / -		20 / 8.505		- / -		- / -		- / -		- / -		- / -		25 / 10.786								
FY 2014		- / -	- / -		- / -		11 / 4.782		- / -		11 / 4.782		19 / 7.080		- / -		- / -		- / -		- / -		30 / 11.862								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		12 / 4.412		15 / 6.230		- / -		- / -		- / -		27 / 10.642								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		12 / 5.565		18 / 8.085		- / -		- / -		30 / 13.650								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 3.153		19 / 8.034		- / -		26 / 11.187								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 1.974		- / -		4 / 1.974								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		31 / 13.874		31 / 13.287		- / -		31 / 13.287		31 / 11.492		27 / 11.795		25 / 11.238		23 / 10.008		- / -		168 / 71.694								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	2	10	10	9	11	9	-	11	10	6	3	12	5	6	4	12	10	5	3	7	16	2	1	27	191
Out	-	-	-	-	-	-	2	6	8	11	10	8	6	10	9	4	6	11	6	3	8	9	9	4	8	7	14	3	2	27	191
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 5F069/5F777 Automated Digital Network System (ADNS) - Afloat - INC III
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N
(10) Budget prior to FY13 (PY-FY12) is shown in LI 3050. -Average unit cost fluctuations for procurement and installation are due to varying system configurations required for surface and submarine platforms. ADNS INC III Afloat range (P) \$.5M - \$1.4M; (I) \$.4M - \$1.0M. -INC III units require an additional 4 months after delivery for required integration, assembly and testing prior to installation start. Installs do not begin until 11 months after contact award (7 months production lead time + 4 months integration). -First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. -Qty 2 FY11 units and Qty 24 FY12 units are procured under LI 3050 and installed in FY13 under LI 2915. -FY13-FY18 procurement and install quantities support alignment with CANES fielding.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	13.462	5.900	-	5.900	2.500	2.500	2.500	2.500	-	29.362
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	13.462	5.900	-	5.900	2.500	2.500	2.500	2.500	-	29.362
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	13.462	5.900	-	5.900	2.500	2.500	2.500	2.500	-	29.362
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS allows services and applications to interconnect to the Defense Information Systems Network (DISN) ashore via multiple Radio Frequency (RF) resources and pier connectivity.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2915 - CANES						Modification Nomenclature (Modification Number - Modification Title): 5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III			
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303138N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III													
B Kits													
Recurring													
1.1.1) ADNS INC III - NonOrganic ⁽¹¹⁾													
Subtotal Recurring													
Total, 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III													
Total Procurement, All Modifications													
Support													
2.1) PRODUCTION SUPPORT													
Total Support, All Modifications													
Total Procurement and Support													
5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III Installation Cost													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2915 - CANES								Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III															
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I								Type Modification: [No Modification Type Specified]								Related RDT&E PEs: 0303138N															
Manufacturer Information: 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III																															
Manufacturer Name: SERCO, INC.														Manufacturer Location: San Diego, CA																	
Administrative Leadtime <i>(in Months)</i> : 1														Production Leadtime <i>(in Months)</i> : 7																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Nov 2012				Nov 2013																					
Delivery Dates						Jun 2013				Jun 2014																					
Installation: 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III														Method of Implementation: [none specified]										Installation Name: ADNS INC III							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -	- / -		1 / 0.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.600						
FY 2013		- / -	- / -		- / -		2 / 4.000		- / -		2 / 4.000		- / -		- / -		- / -		- / -		- / -		- / -		2 / 4.000						
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		6 / 0.600		- / -		- / -		- / -		- / -		- / -		6 / 0.600						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.600		- / -		- / -		- / -		- / -		6 / 0.600						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.600		- / -		- / -		- / -		6 / 0.600						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.600		- / -		- / -		6 / 0.600						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / -		- / -		6 / -						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -	- / -		1 / 0.600		2 / 4.000		- / -		2 / 4.000		6 / 0.600		6 / 0.600		6 / 0.600		6 / 0.600		6 / -		- / -		33 / 7.000						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	1	-	-	-	2	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	6	33			
Out	-	-	-	-	-	-	1	-	-	-	2	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	6	33			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2915 - CANES	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 5F069/5F776 Automated Digital Network System (ADNS) - Ashore - INC III
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303138N
Footnotes: ⁽¹¹⁾ -Budget prior to FY13 (PY-FY12) is shown in BLI3050. -FY12-FY13 procurement quantities represent the ADNS NOCS (2) and a SUB BCA (1). FY14-18 procurement quantities represent tech refreshes at 6 sites. -FY13 quantities include NCTAMS LANT and NCTAMS PAC (unit cost approx. \$6M each). -The NCTAMS sites increased procurement and installation costs driven by ADNS configuration (i.e. number of racks and servers) to support 200 ships vice the COMSUBGRU configuration to support 44 ships. -INC III ashore units require an additional 4 months after delivery for required integration, assembly, testing and shipping that must occur prior to installation start. Installs do not begin until 11 months after procurement contract award (7 months production lead time + 4 months integration). -FY12 Qty 1 unit procured under LI 3050 and installed in FY13 under LI 2915.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2920 - RADIAC

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0708017N	Other Related Program Elements: 0603542N, 0702856N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	40.206	6.185	8.083	9.835	-	9.835	10.284	9.552	8.295	8.442	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	40.206	6.185	8.083	9.835	-	9.835	10.284	9.552	8.295	8.442	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	40.206	6.185	8.083	9.835	-	9.835	10.284	9.552	8.295	8.442	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Radiation Detection, Indication and Computation (RADIAC) Program is responsible for providing radiation monitoring instruments that detect and measure ionizing radiation. These instruments are used on all Navy, Coast Guard and Military Sealift Command vessels, and at every Navy shore installation, in order to ensure the safety of personnel, continuity of operations in radiological or nuclear contingencies, and protection of the environment.

[P40A / M2100 - Survey Meters]: Survey meters are portable equipment used to support operations involving radioactive material, providing real-time information used to control personnel radiation exposure and to identify and control the spread of radioactivity. When used to search for radioactive material, they provide an extremely reliable method of identifying radioactive material while minimizing the risk to personnel conducting these operations.

[P40A / M2200 - Dosimetry]: In accordance with 10CFR20, dosimetry is required to be worn by personnel who work with sources of radioactivity. In the Navy this includes personnel in the Nuclear Propulsion, Nuclear Weapons, Medical and Radiological Affairs Support programs. In these programs radiation exposure is measured by dosimetry and recorded in individual medical records for tracking purposes. Dosimetry is also worn by personnel responding to casualties involving radioactivity to control their exposure within acceptable levels.

[P40A / M2400 - Other RADIAC]: Supports instruments that are disparate in functionality and cannot be readily grouped into the other RADIAC Cost Codes.

[P40A / M2500 - Air Sampling Systems]: Monitoring for airborne radioactivity is done to detect leaks from nuclear reactors or associated systems to ensure that radioactivity is not inadvertently released to the environment from these operations.

[P40A / M2600 - Laboratory Test Equipment]: This Cost Code supports specialized equipment usually found in laboratories, hospitals and research facilities.

[P40A / M2830 - Production Engineering]: Labor cost of the Engineers, Health Physicists, Scientists and others who prepare the acquisitions.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2920 - RADIAC									
ID Code (A=Service Ready, B=Not Service Ready) : B					Program Elements for Code B Items: 0708017N					Other Related Program Elements: 0603542N, 0702856N									
MDAP/MAIS Code(s):																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
RADIAC Program	P40A, P5A				40.206			6.185			8.083			9.835			-			9.835
Total Gross/Weapon System Cost					40.206			6.185			8.083			9.835			-			9.835

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

Title 10 of the Code of Federal Regulations, Part 20 (10CFR20) requires RADIAC instruments be used to ensure the safety of personnel who work with or are exposed to radioactive materials in their work. Additionally, the Navy's mission requires personnel and ships to have the ability to operate in radiological environments and the ability to identify and interdict radiological Weapons of Mass Destruction (WMD). Navy programs that require RADIAC instruments for Occupational Safety & Health (OSH) reasons under the provisions of 10CFR20 include Naval Nuclear Propulsion, Nuclear Weapons, Medical, and Radiological Affairs Support. Non-OSH programs include Radiological Defense, Consequence Management, Training, Technical (RADIAC calibration, shielding evaluation, research, etc.) and Radiological Search (maritime interdiction to locate or intercept WMD).

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2920 - RADIAC								Aggregated Item Name: RADIAC Program				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) M2100 - Survey Meters (1)																				
† 1.1) Joint Water Monitor Kit ⁽²⁾	A		3,250.00	260	0.845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) Gamma Scintillation Survey Meter, Control Unit ⁽³⁾	A		1,302.86	175	0.228	1,300.00	175	0.228	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) Gamma Scintillation Survey Meter, Probe ⁽⁴⁾	A		1,685.71	175	0.295	1,683.00	175	0.295	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) Pulsed X-Ray Survey Meter ⁽⁵⁾	A		-	-	-	3,624.00	50	0.181	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) Ion Chamber Survey Meter ⁽⁶⁾	A		-	-	1.312	2,000.00	200	0.400	2,036.00	200	0.407	-	-	-	-	-	-	-	-	-
† 1.6) u-Rem Survey Meter ⁽⁷⁾	A		-	-	-	4,072.00	100	0.407	4,145.00	150	0.622	4,220.00	150	0.633	-	-	-	4,220.00	150	0.633
† 1.7) Neutron Detector First Article ⁽⁸⁾	A		-	-	-	-	-	-	20,000.00	3	0.060	-	-	-	-	-	-	-	-	-
† 1.8) Neutron Detector ⁽⁹⁾	A		-	-	-	-	-	-	-	-	-	10,380.00	50	0.519	-	-	-	10,380.00	50	0.519
1.9) Telescopic Survey Meter ⁽¹⁰⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) Underwater RADIAC Upgrade ⁽¹¹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) M2100 NWCF Contract Service Fee ⁽¹²⁾	A		-	-	-	-	-	0.026	-	-	0.019	-	-	0.020	-	-	-	-	-	0.020
Subtotal 1) M2100 - Survey Meters					2.680			1.537			1.108			1.172			-			1.172
2) M2200 - Dosimetry ⁽¹³⁾																				
† 2.1) DT-702 Card ⁽¹⁴⁾	A		-	-	5.382	-	-	-	24.64	50,000	1.232	25.08	50,000	1.254	-	-	-	25.08	50,000	1.254
† 2.2) DT-702 Card Holder ⁽¹⁵⁾	A		-	-	-	-	-	-	11.50	25,000	0.288	-	-	-	-	-	-	-	-	-
† 2.3) DXTRAD Finger Ring ⁽¹⁶⁾	A		-	-	-	-	-	-	37.97	3,000	0.114	-	-	-	-	-	-	-	-	-
† 2.4) DXTRAD Reader First Article ⁽¹⁷⁾	B		-	-	-	-	-	-	40,720.00	1	0.041	-	-	-	-	-	-	-	-	-
† 2.5) DXTRAD Reader ⁽¹⁸⁾	A		-	-	-	-	-	-	20,360.00	2	0.041	20,726.48	3	0.062	-	-	-	20,726.48	3	0.062

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2920 - RADIAC							Aggregated Item Name: RADIAC Program					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 2.6) 8800 Irradiator (19)	A		-	-	-	-	-	-	13,775.58	3	0.041	14,023.54	3	0.042	-	-	-	14,023.54	3	0.042
† 2.7) 8800 Reader (20)	A		-	-	-	-	-	-	-	-	-	184,891.00	3	0.555	-	-	-	184,891.00	3	0.555
† 2.8) Battlefield Dosimeter (21)	A		-	-	-	-	-	-	-	-	-	30.60	25,000	0.765	-	-	-	30.60	25,000	0.765
2.9) Electronic Personal Dosimeter (EPD) (22)	A		-	-	0.305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.10) Neutron EPD (23)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.11) DT-702 Shipping Machine (24)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.12) Whole Body Counter (25)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.13) M2200 NWCF Contract Service Fee (26)	A		-	-	-	-	-	-	-	-	0.030	-	-	0.046	-	-	-	-	-	0.046
Subtotal 2) M2200 - Dosimetry					5.687			-			1.787			2.724			-			2.724
3) M2400 - Other RADIAC (27)																				
† 3.1) Remote Area Monitor (28)	A		27,966.67	150	4.195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) EPD Training Device (29)	B		87,000.00	3	0.261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) Ion Chamber Training Device First Article (30)	B		-	-	-	76,350.00	1	0.076	-	-	-	-	-	-	-	-	-	-	-	-
† 3.4) Ion Chamber Training Device (31)	A		-	-	-	-	-	-	7,089.47	15	0.106	7,089.47	15	0.106	-	-	-	7,089.47	15	0.106
† 3.5) Frisker Training Device First Article (32)	B		-	-	-	119,561.91	3	0.359	-	-	-	-	-	-	-	-	-	-	-	-
† 3.6) Frisker Training Device (33)	A		-	-	-	4,516.98	150	0.678	4,546.96	150	0.682	-	-	-	-	-	-	-	-	-
† 3.7) Neutron Area Monitor First Article (34)	B		-	-	-	-	-	-	20,000.00	1	0.020	-	-	-	-	-	-	-	-	-
† 3.8) Neutron Area Monitor (35)	A		-	-	-	-	-	-	-	-	-	10,180.00	50	0.509	-	-	-	10,180.00	50	0.509
† 3.9) Criticality Monitor First Article (36)	B		-	-	-	-	-	-	100,000.00	3	0.300	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2920 - RADIAC								Aggregated Item Name: RADIAC Program					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.10) Criticality Monitor ⁽³⁷⁾	A		-	-	-	-	-	-	-	-	-	15,825.00	50	0.791	-	-	-	15,825.00	50	0.791
† 3.11) webREMS ⁽³⁸⁾	A		-	-	-	-	-	-	-	-	-	483,433.00	1	0.483	-	-	-	483,433.00	1	0.483
3.12) Tool Contamination Monitor ⁽³⁹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.13) Spares ⁽⁴⁰⁾	A		-	-	5.471	-	-	0.455	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
3.14) M2400 NWCF Contract Service Fee ⁽⁴¹⁾	A		-	-	-	-	-	0.027	-	-	0.021	-	-	0.034	-	-	-	-	-	0.034
Subtotal 3) M2400 - Other RADIAC					9.927			1.595			1.229			2.023			-			2.023
4) M2500 - Air Sampling Systems ⁽⁴²⁾																				
† 4.1) Air Particle Detector, Ship, First Article ⁽⁴³⁾	B		-	-	-	532,750.00	4	2.131	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) Air Particle Detector, Ship, Frames ⁽⁴⁴⁾	A		-	-	-	-	-	-	5,500.00	50	0.275	5,627.00	50	0.281	-	-	-	5,627.00	50	0.281
† 4.3) Air Particle Detector, Ship ⁽⁴⁵⁾	A		-	-	-	-	-	-	45,000.00	40	1.800	45,765.00	40	1.831	-	-	-	45,765.00	40	1.831
† 4.4) Air Particle Detector, Shore, First Article ⁽⁴⁶⁾	B		-	-	-	-	-	-	50,000.00	3	0.150	-	-	-	-	-	-	-	-	-
† 4.5) Air Particle Detector Shore ⁽⁴⁷⁾	A		-	-	-	-	-	-	17,391.00	50	0.870	17,391.00	50	0.870	-	-	-	17,391.00	50	0.870
† 4.6) Air Particle Sampler First Article ⁽⁴⁸⁾	B		-	-	-	-	-	-	-	-	-	10,000.00	3	0.030	-	-	-	10,000.00	3	0.030
4.7) Air Particle Sampler ⁽⁴⁹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.8) Tritium Monitor ⁽⁵⁰⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.9) M2500 NWCF Contract Service Fee ⁽⁵¹⁾	A		-	-	-	-	-	0.036	-	-	0.053	-	-	0.051	-	-	-	-	-	0.051
Subtotal 4) M2500 - Air Sampling Systems					0.000			2.167			3.148			3.063			-			3.063
5) M2600 - Laboratory Test Equipment ⁽⁵²⁾																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment									P-1 Line Item Nomenclature: 2920 - RADIAC						Aggregated Item Name: RADIAC Program					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 5.1) Liquid Scintillation Counter ⁽⁵³⁾	A		256,500.00	2	0.513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.2) Gamma Counter ⁽⁵⁴⁾	A		102,333.33	3	0.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) X-Ray Survey Equipment ⁽⁵⁵⁾	A		63,200.00	5	0.316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) Gamma Counter Upgrade ⁽⁵⁶⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) M2600 NWCF Contract Service Fee ⁽⁵⁷⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) M2600 - Laboratory Test Equipment					1.136			-			-			-			-			-
6) M2830 - Production Engineering ⁽⁵⁸⁾																				
6.1) Production Engineering ⁽⁵⁹⁾	A		-	-	20.776	-	-	0.886	-	-	0.811	-	-	0.853	-	-	-	-	-	0.853
Subtotal 6) M2830 - Production Engineering					20.776			0.886			0.811			0.853			-			0.853
Total					40.206			6.185			8.083			9.835			-			9.835
Footnotes:																				
(1) Radiation survey meters, required by 10CFR20 and the Navy's mission, are used to detect, measure and monitor radiation levels in support of operations involving radioactive materials. Navy operations associated with radioactive materials include operation of nuclear reactors, maintenance on radioactive systems or components, testing of components, research, and medical diagnostic and treatment. Additionally, radiation survey meters are used to search for, locate and intercept radioactive material, and in responding to casualties involving radioactive materials. Where radiation survey meters are used to support operations involving radioactive material, they provide real-time information used to control personnel radiation exposure and to identify and control the spread of radioactivity. When used to search for radioactive material, they provide an extremely reliable method of identifying radioactive material while minimizing the risk to personnel conducting these operations. (2) Joint Water Monitor Kit: Radiation detector and interface used to evaluate radioactivity of drinking water during radiological casualties. Utilizes the OA-9454/PDQ detector group consisting of DT-685/PDQ and DT-304/PDR. (3) Gamma Scintillation Survey Meter, Control Unit: Control Unit for sensitive portable radiation survey meter used to search for specific radionuclides or to search for small differences in area radiation levels indicative of improperly controlled radioactive material (4) Gamma Scintillation Survey Meter, Probe: Probe for sensitive portable radiation survey meter used to search for specific radionuclides or to search for small differences in area radiation levels indicative of improperly controlled radioactive material (5) Pulsed X-Ray Survey Meter: Specialized radiation detection instrument used in pulsed x-ray radiation facilities to ensure compliance with 10CFR20. (6) Ion Chamber Survey Meter: Portable radiation survey meter used to ensure compliance with 10CFR20 during operations involving radioactive material. This survey meter uses an ion chamber detector to ensure adequate response to both x-ray and gamma ray radiation. (7) u-Rem Survey Meter: Sensitive portable radiation survey meter used to ensure compliance with 10CFR20 during operations involving radioactive material. (8) Neutron Detector First Article: Portable neutron radiation survey meter used to ensure compliance with 10CFR20 during nuclear reactor operations and operations involving neutron emitters.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2920 - RADIAC	Aggregated Item Name: RADIAC Program
(9) Neutron Detector: Portable neutron radiation survey meter used to ensure compliance with 10CFR20 during nuclear reactor operations and operations involving neutron emitters. (10) Telescopic Survey Meter: Portable radiation survey meter with an extendable probe. The detector probe is connected to the meter using a telescoping extender to allow the user to stand in lower radiation level area while taking radiation measurements on highly radioactive items. (11) Underwater RADIAC: The AN/PDR-78 is an underwater radiological survey meter built 15 years ago by SPAWAR to meet requirements for the Navy's Explosive Ordnance Disposal (EOD) community. The electronics employed uses obsolete technology and needs to be replaced in order to provide better isotope identification capability, faster processing power and more memory. The electronics upgrade has been developed by USSOCOM for use in their allowance of AN/PDR-78s. (12) M2100 NWC Contract Service Fee: The PCO for hardware acquisitions is a Navy Working Capital Fund activity that charges a set fee for each contract award and modification. The applicable fee for a given year is applied to the total value of the Cost Code hardware acquisitions. (13) Dosimetry consists of radiation sensitive materials that are used for detecting and measuring an individual's exposure to ionizing radiation and to aid in minimizing this exposure. Dosimetry is required to be worn by personnel who work with sources of radioactivity or by personnel responding to casualties involving radioactivity. Most dosimeters are small devices that are worn on the belt, on a lanyard around the neck or attached to a shirt. Some dosimeters provide direct readout enabling the wearer to monitor and control radiation exposure. Other types of dosimeters must be removed from the wearer to be evaluated in special dosimeter readers that extract the recorded radiation exposure value from the dosimeter. Radiation exposure measured by dosimetry is recorded in individual medical records when formal tracking of the radiation exposure is required. (14) DT-702 Card: The DT-702 card contains radiation sensitive material and is worn by personnel to monitor exposure to radiation. (15) DT-702 Card Holder: The DT-702 Holder is used to hold and protect the DT-702 card during use. It consists of a hard plastic case with both belt and lanyard attachments. These attachments allow the DT-702 Holder (with DT-702 Card inserted) to be easily attached to the wearer during use. (16) DXTRAD Finger Ring: Special dosimeter used to monitor radiation exposure to hands of workers. The DXTRAD Finger Ring uses the same radiation sensitive material of the DT-702/PD dosimeter, putting the material in a ring than can be worn on the workers hand, allowing use of hands during the work. (17) DXTRAD Reader First Article: Specialized dosimetry reader for the DXTRAD dosimetry system. Used to evaluate DXTRAD dosimetry to determine the amount of radiation exposure accumulated in the dosimeter. (18) DXTRAD Reader: Specialized dosimetry reader for the DXTRAD dosimetry system. Used to evaluate DXTRAD dosimetry to determine the amount of radiation exposure accumulated in the dosimeter. (19) 8800 Irradiator: A component of the Harshaw 8800. This internal C-14 irradiator is used in the Harshaw 8800 to ensure the quality of the DT-702 card readings. (20) 8800 Reader: The Harshaw 8800 is a high volume, computer controlled, dosimeter card (DT-702) reader. It is used to evaluate DT-702 cards to determine the amount of radiation exposure accumulated in the card. (21) Battlefield Dosimeter: A dosimeter designed for use during nuclear events involving high energy gamma and neutron irradiation. These dosimeters are worn by personnel who might be exposed to effects of a nuclear explosion or the associated fallout. (22) Electronic Personal Dosimeter (EPD): An electronic dosimeter that includes direct readout of radiation dose. These dosimeters use semi-conductor radiation detectors and have the ability to provide direct readout of radiation dose. They are normally used in conjunction with DT-702 dosimetry to provide the wearer with real-time radiation dose information and alarm features that aid workers in controlling their radiation exposure. (23) Neutron EPD: Will be used by emergency response personnel when responding to a radiological or nuclear event. The dosimeter provides an accurate measurement of neutron radiation dose and sounds an alarm when dose and/or dose rate thresholds are exceeded. BUMED INSTRUCTION 3440.10, Navy Medicine Force Health Protection (FHP) Emergency Management Program (EMP) and NAVMED P-5055 Navy Radiation Health Protection Manual require the monitoring of radiation doses to personnel involved in emergency operations. (24) DT-702 Shipping Machine: Used to automate the inventory and preparation of a shipping manifest for DT-702 dosimeters. The DT-702 dosimeter is about the size of a domino but with the thickness of a credit card. Stacks of these "cards" are placed in the shipping machine, which scans the dosimeter barcode and ascertains the serial number and element correction factors for each dosimeter. Software in the machine then prepares a shipping manifest with a specific number of dosimeters, based on the respective equipment allowances, being shipped to the various nuclear maintenance activities, CVNs and submarines that use the dosimeter. (25) Whole Body Counter (WBC): A system capable of measuring relatively low levels of internally deposited radioactive materials. A WBC would be deployed in an accident scenario (e.g., Fukushima, Japan) where the probability of ingestion of radioactive materials would be high.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2920 - RADIAC	Aggregated Item Name: RADIAC Program
(26) M2200 NWCF Contract Service Fee: The PCO for hardware acquisitions is a Navy Working Capital Fund activity that charges a set fee for each contract award and modification. The applicable fee for a given year is applied to the total value of the Cost Code hardware acquisitions. (27) The RADIAC Program fields 70 different families of instruments, consisting of a total of almost 43,000 instruments and 400,000 dosimeters. Those families that fall into similar functionality have been grouped here into the M2100, M2200, M2500 and M2600 Cost Codes. This Cost Code consists of instruments that have specialized functions that only they perform, and therefore would require an unmanageable and meaningless number of additional Cost Codes if each were addressed individually. In the context of the family metaphor used here, these instruments are no less important but are orphans in the sense there are not many of similar functionality that they could be grouped with. This Cost Code also supports replenishment of Ready for Issue (RFI) stocks when instruments in any Cost Code fall below stock levels sufficient to meet quarterly demand. This Cost Element (Spares) is a Continuing element that varies year-to-year based on emergent requirements and the quantity and unit cost of the item(s) being replenished. (28) Remote Area Monitor: Radiation detection system used to continuously monitor general area radiation levels to ensure compliance with 10CFR20 in facilities used for radiological work. (29) EPD Training Device: Training simulator used to provide EPD training without the need to expose trainees to radiation. (30) Ion Chamber Training Device First Article: Training simulator used to provide Ion Chamber Survey meter training without the need for trainees to handle radioactive material or be exposed to radiation. (31) Ion Chamber Training Device: Training simulator used to provide Ion Chamber Survey meter training without the need for trainees to handle radioactive material or be exposed to radiation. (32) Frisker Training Device First Article: Training simulator used to provide Frisker Station (IM-271/PD) training without the need for trainees to handle radioactive material or be exposed to radiation. (33) Frisker Training Device: Training simulator used to provide Frisker Station (IM-271/PD) training without the need for trainees to handle radioactive material or be exposed to radiation. (34) Neutron Area Monitor First Article: Neutron detection equipment used to continuously monitor general area neutron radiation levels to ensure compliance with 10CFR20 in facilities that use neutron emitters. (35) Neutron Area Monitor: Neutron detection equipment used to continuously monitor general area neutron radiation levels to ensure compliance with 10CFR20 in facilities that use neutron emitters. (36) Criticality Monitor First Article: Radiation detection system used to continuously monitor general area radiation levels and designed to detect an uncontrolled reactor criticality event. This system is used in reactor construction and overhaul facilities to ensure compliance with 10CFR20. (37) Criticality Monitor: Radiation detection system used to continuously monitor general area radiation levels and designed to detect an uncontrolled reactor criticality event. This system is used in reactor construction and overhaul facilities to ensure compliance with 10CFR20. (38) webREMS: A dose management software system for the Mk2 Electronic Personal Dosimeter (EPD) that will be used to track radiation doses accumulated by workers. The EPD is used primarily at nuclear maintenance facilities and aboard CVNs and submarines. This automated system will automatically retrieve exposure data on the EPDs and replace the current method of manually recorded exposure logs, saving significant man hours and eliminating transcription errors. (39) Tool Contamination Monitor: Used to scan tools and other equipment prior to release from a radiological work area to a general work area in order to ensure the equipment did not become contaminated with radiation. (40) Spares: Purchase of additional quantities of existing models of RADIACs to replenish or supplement stocks of spare items due to minor increases in program allowances, minor inventory losses, or due to items being beyond economical repair. (41) M2400 NWCF Contract Service Fee: The PCO for hardware acquisitions is a Navy Working Capital Fund activity that charges a set fee for each contract award and modification. The applicable fee for a given year is applied to the total value of the Cost Code hardware acquisitions. (42) Monitoring for airborne radioactivity is done to detect leaks from nuclear reactors or associated systems to ensure that radioactivity is not inadvertently released to the environment from these operations. Additionally, monitoring for airborne radioactivity is performed during maintenance on radioactive components or during events that might cause radioactivity to be released to the air. Monitoring for airborne radioactivity is normally done by drawing air across filter paper to collect airborne radioactive particles. This filter paper is then evaluated by radiation detectors and the concentration of airborne radioactivity calculated. The types of airborne radioactivity monitoring systems include fixed systems and portable systems. Fixed systems sample air from pre-determined locations and normally include built-in radiation detectors for determining the airborne radioactivity concentration. Portable systems can be used to sample air at any desired location, but normally require the use of separate radiation detection instruments to measure the radioactive particles deposited on the filter paper to determine the airborne radioactivity concentration. (43) Air Particle Detector, Ship, First Article: Airborne radioactivity monitoring system for use on Navy nuclear ships. This system (IM-272/WDQ) is a replacement for the existing IM-239/WDQ used on Navy nuclear ships. The IM-272/WDQ incorporates significant technology enhancements that will reduce spurious false alarms and reduce operator maintenance.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2920 - RADIAC	Aggregated Item Name: RADIAC Program
(44) Air Particle Detector, Ship, Frames: Government Furnished Material to be provided to the manufacturer of the APD Ship (IM-272/WDQ). This material consists of the housing and identified internal components from the IM-239/WDQ. The housings and identified internal components from the IM-239/WDQ will be prepared in a RADIAC Program facility and provided to manufacturer of the IM-272/WDQ. Use of these housings and components reduces the overall cost of the IM-272/WDQ and ensures it has the same footprint as the IM-239/WDQ. (45) Air Particle Detector, Ship: Airborne radioactivity monitoring system for use on Navy nuclear ships. This system (IM-272/WDQ) is a replacement for the existing IM-239/WDQ used on Navy nuclear ships. The IM-272/WDQ incorporates significant technology enhancements that will reduce spurious false alarms and reduce operator maintenance. (46) Airborne radioactivity monitoring system for use on Navy nuclear ships. This system is a replacement for the existing Air Particle Detector, Shore, First Article: IM-239/WDQ used in radiological maintenance facilities. The APD Shore incorporates significant technology enhancements that will reduce spurious false alarms and reduce operator maintenance. (47) Air Particle Detector Shore: Airborne radioactivity monitoring system for use on Navy nuclear ships. This system is a replacement for the existing IM-239/WDQ used in radiological maintenance facilities. The APD Shore incorporates significant technology enhancements that will reduce spurious false alarms and reduce operator maintenance. (48) Air Particle Sampler First Article: Portable airborne radioactivity sampling system. Used during radiological work or during radiological casualties to draw air across a filter paper to collect radioactive particles. The filter paper is then evaluated using separately provided radiation detectors to determine the concentration of airborne radioactivity. (49) Air Particle Sampler: Portable airborne radioactivity sampling system. Used during radiological work or during radiological casualties to draw air across a filter paper to collect radioactive particles. The filter paper is then evaluated using separately provided radiation detectors to determine the concentration of airborne radioactivity. (50) Tritium Monitor: A detector that samples the air for the presence of Tritium. These detectors are used wherever nuclear weapons are stored. (51) M2500 NWCF Contract Service Fee: The PCO for hardware acquisitions is a Navy Working Capital Fund activity that charges a set fee for each contract award and modification. The applicable fee for a given year is applied to the total value of the Cost Code hardware acquisitions. (52) This Cost Code supports specialized equipment usually found in laboratories, hospitals and test facilities. This kind of equipment is distinct enough to warrant separating it for management purposes from the M2400 Cost Code. (53) Liquid Scintillation Counter: A sensitive radiation detection system used in laboratories for radioactive sample analysis. (54) Gamma Counter: A sensitive radiation detection system used for evaluating potentially radioactive items and laboratory samples. (55) X-Ray Survey Equipment: X-ray radiation detection equipment used to evaluate diagnostic X-ray machines in medical facilities to ensure they are operating safely. (56) Gamma Counter Upgrade: This laboratory equipment provides the capability of detecting loose contamination and the advantage of distinguishing if there is beta or gamma radiation/contamination present in the area. It provides automation in both the actual counting of samples and their automatic analysis. The upgrade is to software and hardware to improve performance and increase functionality. The upgrade will change the detecting medium to increase the counting efficiency. (57) M2600 NWCF Contract Service Fee: The PCO for hardware acquisitions is a Navy Working Capital Fund activity that charges a set fee for each contract award and modification. The applicable fee for a given year is applied to the total value of the Cost Code hardware acquisitions. (58) Labor cost of the Engineers, Health Physicists, Scientists and others who prepare the acquisitions. (59) Production Engineering: Labor cost of the Engineers, Health Physicists, Scientists and others who prepare the acquisitions.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2920 - RADIAC						Aggregated Item Name: RADIAC Program			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) M2100 - Survey Meters												
1.1) Joint Water Monitor Kit		2011	SAIC / San Diego, CA	SS / FFP	NSWC Carderock	Sep 2011	Jul 2012	260	2,480.77	Y		Jan 2011
1.2) Gamma Scintillation Survey Meter, Control Unit		2011	Thermo Fisher Scientific / Waltham, MA	C / FFP	NSWC Carderock	Aug 2011	Dec 2011	175	1,300.00	Y		Nov 2010
1.2) Gamma Scintillation Survey Meter, Control Unit		2012	Thermo Fisher Scientific / Waltham, MA	C / FFP	NSWC Carderock	Mar 2012	Jun 2012	175	1,300.00	Y		Nov 2010
1.3) Gamma Scintillation Survey Meter, Probe		2011	Thermo Fisher Scientific / Waltham, MA	C / FFP	NSWC Carderock	Aug 2011	Dec 2011	175	1,683.00	Y		Nov 2010
1.3) Gamma Scintillation Survey Meter, Probe		2012	Thermo Fisher Scientific / Waltham, MA	C / FFP	NSWC Carderock	Mar 2012	Jun 2012	175	1,683.00	Y		Nov 2010
1.4) Pulsed X-Ray Survey Meter		2012	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2012	Jan 2013	50	3,624.00	Y		Apr 2012
1.5) Ion Chamber Survey Meter		2012	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2012	Dec 2012	200	2,000.00	Y		Mar 2012
1.5) Ion Chamber Survey Meter		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jan 2013	Apr 2013	200	2,036.00	Y		Mar 2012
1.6) u-Rem Survey Meter		2012	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jun 2012	Sep 2012	100	4,072.00	Y		Apr 2012
1.6) u-Rem Survey Meter		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jan 2013	Apr 2013	150	4,145.00	Y		Apr 2012
1.6) u-Rem Survey Meter		2014	TBD / UNKNOWN	C / TBD	NSWC Carderock	Jan 2014	Apr 2014	150	4,220.00	Y		Apr 2012
1.7) Neutron Detector First Article		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Mar 2013	Jun 2013	3	20,000.00	N		Oct 2012
1.8) Neutron Detector		2014	TBD / TBD	C / FFP	NSWC Carderock	Mar 2014	Jun 2014	50	10,380.00	N	Sep 2012	Oct 2012
2) M2200 - Dosimetry												
2.1) DT-702 Card		2013	Thermo Fisher Scientific / Oakwood Village, OH	SS / IDIQ	NSWC Carderock	Feb 2013	May 2013	50,000	24.64	Y		Oct 2012
2.1) DT-702 Card		2014	Thermo Fisher Scientific / Oakwood Village, OH	SS / IDIQ	NSWC Carderock	Feb 2014	May 2014	50,000	25.08	Y		Oct 2013
2.2) DT-702 Card Holder		2013	Thermo Fisher Scientific / Oakwood Village, OH	SS / IDIQ	NSWC Carderock	Feb 2013	May 2013	25,000	11.50	Y		Oct 2012
2.3) DXTRAD Finger Ring		2013	Thermo Fisher Scientific / Oakwood Village, OH	SS / IDIQ	NSWC Carderock	Feb 2013	May 2013	3,000	37.97	Y		Oct 2012
2.4) DXTRAD Reader First Article		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jan 2013	Apr 2013	1	40,720.00	N	Jun 2012	Jul 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2920 - RADIAC						Aggregated Item Name: RADIAC Program			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.5) DXTRAD Reader		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2013	Jan 2014	2	20,360.00	N		Jul 2012
2.5) DXTRAD Reader		2014	TBD / UNKNOWN	C / CS	NSWC Carderock	Sep 2014	Jan 2015	3	20,726.48	N		Jul 2012
2.6) 8800 Irradiator		2013	Thermo Fisher Scientific / Oakwood Village, OH	SS / FFP	NSWC Carderock	Feb 2013	May 2013	3	13,775.58	Y		Oct 2012
2.6) 8800 Irradiator		2014	Thermo Fisher Scientific / Oakwood Village, OH	SS / FFP	NSWC Carderock	Feb 2014	May 2014	3	14,023.54	Y		Oct 2012
2.7) 8800 Reader		2014	Thermo Fisher Scientific / Oakwood Village, OH	SS / FFP	NSWC Carderock	Feb 2014	May 2014	3	184,891.00	Y		Oct 2012
2.8) Battlefield Dosimeter		2014	TBD / TBD	C / TBD	NSWC Carderock	Mar 2014	Aug 2014	25,000	30.60	N		Mar 2013
3) M2400 - Other RADIAC												
3.1) Remote Area Monitor		2011	Radiation Safety & Control Services / Stratham, NH	C / FFP	NSWC Carderock	Aug 2011	Nov 2011	150	10,973.33	Y		Dec 2008
3.2) EPD Training Device		2011	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Sep 2011	Dec 2011	3	87,000.00	Y		Jan 2011
3.3) Ion Chamber Training Device First Article		2012	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Jun 2012	Sep 2012	1	76,350.00	Y		Apr 2012
3.4) Ion Chamber Training Device		2013	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Feb 2013	May 2013	15	7,089.47	Y		Apr 2012
3.4) Ion Chamber Training Device		2014	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Feb 2014	May 2014	15	7,089.47	Y		Apr 2012
3.5) Frisker Training Device First Article		2012	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Mar 2012	Jun 2012	3	119,561.91	Y		Feb 2012
3.6) Frisker Training Device		2012	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Mar 2012	Nov 2012	150	4,516.98	Y		Feb 2012
3.6) Frisker Training Device		2013	Radiation Safety & Control Services / Stratham, NH	SS / FFP	NSWC Carderock	Jan 2013	Jul 2013	150	4,546.96	Y		Feb 2012
3.7) Neutron Area Monitor First Article		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jan 2013	Apr 2013	1	20,000.00	N		Nov 2012
3.8) Neutron Area Monitor		2014	TBD / TBD	C / TBD	NSWC Carderock	Mar 2014	Sep 2014	50	10,180.00	N		Nov 2012
3.9) Criticality Monitor First Article		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Nov 2012	Aug 2013	3	100,000.00	Y		Apr 2011
3.10) Criticality Monitor		2014	TBD / TBD	C / FFP	NSWC Carderock	Mar 2014	Sep 2014	50	15,825.00	Y		Apr 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2920 - RADIAC					Aggregated Item Name: RADIAC Program			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.11) webREMS		2014	Thermo Fisher Scientific / Oakwood Village, OH	SS / FFP	NSWC Carderock	Nov 2013	Jan 2014	1	483,433.00	Y		Oct 2013
4) M2500 - Air Sampling Systems												
4.1) Air Particle Detector, Ship, First Article		2012	TBD / UNKNOWN	C / FFP	NSWC Carderock	Jun 2012	Jun 2013	4	532,750.00	Y		Feb 2011
4.2) Air Particle Detector, Ship, Frames		2013	Puget Sound NSY / Bremerton, WA	WR	** NO PCO **	Nov 2012	Feb 2013	50	5,500.00	Y		
4.2) Air Particle Detector, Ship, Frames		2014	Puget Sound NSY / Bremerton, WA	WR	** NO PCO **	Nov 2013	Feb 2014	50	5,627.00	Y		
4.3) Air Particle Detector, Ship		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2013	Mar 2014	40	45,000.00	Y		Feb 2011
4.3) Air Particle Detector, Ship		2014	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2014	Mar 2015	40	45,765.00	Y		Feb 2011
4.4) Air Particle Detector, Shore, First Article		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Dec 2012	Jun 2013	3	50,000.00	Y		Jun 2012
4.5) Air Particle Detector Shore		2013	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2013	Jan 2014	50	17,391.00	Y		Jun 2012
4.5) Air Particle Detector Shore		2014	TBD / UNKNOWN	C / FFP	NSWC Carderock	Sep 2014	Jan 2015	50	17,391.00	Y		Jun 2012
4.6) Air Particle Sampler First Article		2014	TBD / TBD	C / TBD	NSWC Carderock	Oct 2013	Apr 2014	3	10,000.00	N		Apr 2013
5) M2600 - Laboratory Test Equipment												
5.1) Liquid Scintillation Counter		2011	Perkinelmer / Shelton, CT	C / FFP	NSWC Carderock	Jun 2011	Sep 2011	2	96,000.00	Y		Feb 2010
5.2) Gamma Counter		2011	Canberra Industries / Meriden, CT	C / FFP	NSWC Carderock	Jun 2011	Sep 2011	3	27,666.67	Y		May 2010
5.3) X-Ray Survey Equipment		2011	Owens Scientific / Katy, TX	C / FFP	NSWC Carderock	Apr 2011	Jul 2011	5	16,600.00	Y		May 2010

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2925 - CANES Intell

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303138N, 0303238N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.123	73.363	79.427	59.652	-	59.652	65.329	33.983	56.755	49.707	804.119	1,225.458
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.123	73.363	79.427	59.652	-	59.652	65.329	33.983	56.755	49.707	804.119	1,225.458
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.123	73.363	79.427	59.652	-	59.652	65.329	33.983	56.755	49.707	804.119	1,225.458
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Consolidated Afloat Networks & Enterprise Services (CANES) is the Navy's only Program of Record to replace existing afloat networks and provide the necessary infrastructure for applications, systems, and services to dominate the cyber warfare domain. CANES is the technical and infrastructure consolidation of existing, separately managed afloat networks currently under PE 0204163N (LI 3050) Ship Communications Automation, including Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange System - Maritime, Sensitive Compartmented Information (SCI) Networks, and Submarine Local Area Network. These legacy afloat network designs are currently End of Life and CANES will replace these existing, unaffordable, and obsolete networks.

The fundamental goal of CANES is to bring Infrastructure and Platform as a Service (IaaS / PaaS), within which current and future iterations of Tasking, Collection, Processing, Exploitation and Dissemination computing and storage capabilities will reside. CANES will provide complete infrastructure, inclusive of hardware, software, processing, storage, and end user devices for Unclassified, Coalition, Secret and SCI for all basic network services (email, web, chat, collaboration) to a wide variety of Navy surface combatants, submarines, Maritime Operations Centers, Regional Network Operations and Security Centers (RNOSCs) and Aircraft. In addition, ~36 hosted applications and systems inclusive of Command and Control, Intelligence, Surveillance and Reconnaissance, Information Operations, Logistics and Business domains require the CANES infrastructure to operate in the tactical environment. Integrating these applications and systems is accomplished through Application Integration, the engineering process used to evaluate and validate compatibility between the CANES IaaS / PaaS and the Navy-validated applications, systems and services that will utilize the CANES infrastructure and services. Specific programs, such as Distributed Common Ground System - Navy, Global Command and Control System - Maritime, Naval Tactical Command Support System, and Undersea Warfare Decision Support System, are dependent on the CANES Common Computing Environment to field, host, and sustain their capability because they no longer provide their own hardware. CANES equires that Automated Digital Network System (ADNS) field prior to or concurrently with CANES due to architectural reliance between the two programs.

CANES will develop updates on a rolling four year hardware baseline and a two year software baseline. Fielding of rolling baselines will occur every eight years for hardware and four years for software. CANES is based on the overarching concept of reducing the number of afloat networks and providing enhanced efficiency through a single engineering focus on integrated technical solutions. This will allow for streamlined acquisition, contracting, and test events, and significant lifecycle efficiencies through consolidation of multiple current configuration management baselines, logistics, and training efforts into a unified support structure.

Cooperative Maritime Forces Pacific (CMFP) network supports secure coalition interoperability and information exchange at the secret-releasable level.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2925 - CANES Intell									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0303138N, 0303238N									
MDAP/MAIS Code(s):																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CANES Intell	P40A				-			1.050			-			-			-			-
1 - CANES-Afloat 5G010/5G777 MIP	P3A				3.123			65.150			78.015			59.164			-			59.164
2 - CANES - Ashore 5G010/5G776 MIP	P3A				0.000			7.163			1.412			0.488			-			0.488
Total Gross/Weapon System Cost					3.123			73.363			79.427			59.652			-			59.652

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CANES Intell	P40A				-			-			-			-			-			-
1 - CANES-Afloat 5G010/5G777 MIP	P3A				64.821			32.435			47.858			44.712			724.874			1,120.152
2 - CANES - Ashore 5G010/5G776 MIP	P3A				0.508			1.548			8.897			4.995			79.245			104.256
Total Gross/Weapon System Cost					65.329			33.983			56.755			49.707			804.119			1,225.458

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2014 - CANES funds are for procurement of (30) production units, (3) First Articles, (1) Technical Training Equipment (TTE), integration, and associated costs for pre-installation design. In addition, the FY14 CANES investment will fund installations for (26) afloat units and (1) TTE units.

The related RD TEN PEs are CANES Integration PE 0303138N and CANES-MIP PE 0303238N. It is important to note, procurement quantities across the FYDP are the same CANES end item product referenced in CANES LI 2915. Installation quantities represent sites receiving CANES as also referenced in LI 2915. The associated dollars in this exhibit represent the MIP portions of the CANES enclave.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment									P-1 Line Item Nomenclature: 2925 - CANES Intell							Aggregated Item Name: CANES Intell				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 5G011 - Cooperative Maritime Forces Pacific (CMFP)																				
1.1) Cooperative Maritime Forces Pacific (CMFP)	A		-	-	-	-	-	1.050	-	-	-	-	-	-	-	-	-	-	-	-
Total					-			1.050			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2925 - CANES Intell									Aggregated Item Name: CANES Intell					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 5G011 - Cooperative Maritime Forces Pacific (CMFP)																				
1.1) Cooperative Maritime Forces Pacific (CMFP)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total					-			-			-			-			-		-	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - CANES-Afloat 5G010/5G777 MIP		
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.123	65.150	78.015	59.164	-	59.164	64.821	32.435	47.858	44.712	724.874	1,120.152
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.123	65.150	78.015	59.164	-	59.164	64.821	32.435	47.858	44.712	724.874	1,120.152
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.123	65.150	78.015	59.164	-	59.164	64.821	32.435	47.858	44.712	724.874	1,120.152
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The consolidation of existing Afloat Network programs of record designed to provide an agile, responsive Common Computing Environment (CCE) and the eventual addition of Afloat Core Services (ACS) within and upon which application developers will host Command and Control, Warfare, Intelligence, Logistics, and business and education applications and services. In addition, migration of Non-Classified Enclave (NCE) capabilities into the CANES baseline.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell				Modification Nomenclature (Modification Number - Modification Title): 1 - CANES-Afloat 5G010/5G777 MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
CANES-Afloat 5G010/5G777 MIP												
B Kits												
Recurring												
1.1.1) CANES - Afloat Production Units - MIP - NonOrganic ⁽¹⁾	- / 1.686	8 / 19.999	16 / 23.469	30 / 29.869	- / -	30 / 29.869	33 / 27.167	23 / 13.295	25 / 15.070	16 / 10.045	31 / 30.496	182 / 171.096
1.1.2) CANES Afloat Technical Insertion - MIP - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.876	14 / 7.664	27 / 13.152	405 / 390.377	454 / 414.069
Subtotal Recurring	- / 1.686	8 / 19.999	16 / 23.469	30 / 29.869	- / -	30 / 29.869	33 / 27.167	31 / 16.171	39 / 22.734	43 / 23.197	436 / 420.873	636 / 585.165
Non-Recurring												
1.2.1) CANES - Afloat First Articles - MIP - Organic ⁽²⁾	- / -	5 / 29.732	2 / 5.038	3 / 5.499	- / -	3 / 5.499	2 / 3.519	1 / 0.347	- / -	- / -	- / -	13 / 44.135
1.2.2) CANES-Non-Recurring Engineering (MIP) - Organic ⁽³⁾	- / -	- / 5.782	- / 21.164	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.946
Subtotal Non-Recurring	- / -	5 / 35.514	2 / 26.202	3 / 5.499	- / -	3 / 5.499	2 / 3.519	1 / 0.347	- / -	- / -	- / -	13 / 71.081
Total, CANES-Afloat 5G010/5G777 MIP	- / 1.686	13 / 55.513	18 / 49.671	33 / 35.368	- / -	33 / 35.368	35 / 30.686	32 / 16.518	39 / 22.734	43 / 23.197	436 / 420.873	649 / 656.246
Total Procurement, All Modifications	- / 1.686	13 / 55.513	18 / 49.671	33 / 35.368	- / -	33 / 35.368	35 / 30.686	32 / 16.518	39 / 22.734	43 / 23.197	436 / 420.873	649 / 656.246
Support												
2.1) CANES - Afloat Production Support (MIP)	- / -	- / 1.108	- / 1.235	- / 1.572	- / -	- / 1.572	- / 1.430	- / 0.851	- / 1.197	- / 1.221	- / 22.151	- / 30.765
2.2) CANES - Afloat Design Service Agent (MIP)	- / 1.437	- / 4.199	- / 3.882	- / 2.512	- / -	- / 2.512	- / 2.385	- / 1.087	- / 1.419	- / 0.850	- / 10.592	- / 28.363
Total Support, All Modifications	1.437	5.307	5.117	4.084	-	4.084	3.815	1.938	2.616	2.071	32.743	59.128
Total Procurement and Support	3.123	60.820	54.788	39.452	-	39.452	34.501	18.456	25.350	25.268	453.616	715.374
CANES-Afloat 5G010/5G777 MIP Installation Cost	- / 0.000	- / 4.330	- / 23.227	- / 19.712	- / -	- / 19.712	- / 30.320	- / 13.979	- / 22.508	- / 19.444	- / 271.258	- / 404.778
Total Installation Cost	- / 0.000	- / 4.330	- / 23.227	- / 19.712	- / -	- / 19.712	- / 30.320	- / 13.979	- / 22.508	- / 19.444	- / 271.258	- / 404.778
Total Cost (Procurement + Support + Installation)	3.123	65.150	78.015	59.164	-	59.164	64.821	32.435	47.858	44.712	724.874	1,120.152

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell				Modification Nomenclature (Modification Number - Modification Title): 1 - CANES-Afloat 5G010/5G777 MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N				
Manufacturer Information: CANES-Afloat 5G010/5G777 MIP												
Manufacturer Name: Northrop Grumman Systems Corp.						Manufacturer Location: Herndon, VA						
Administrative Leadtime (in Months): 0						Production Leadtime (in Months): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Feb 2012	Oct 2012										
Delivery Dates	Aug 2012	Mar 2013										
Manufacturer Name: TBD ⁽⁴⁾						Manufacturer Location: TBD						
Administrative Leadtime (in Months): 1						Production Leadtime (in Months): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Nov 2013									
Delivery Dates			Apr 2014									
Installation: CANES-Afloat 5G010/5G777 MIP												
Method of Implementation: [none specified]						Installation Name: CANES - Afloat Production Units - MIP						
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	1 / 4.330	7 / 8.992	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 13.322
FY 2013	- / -	- / -	12 / 14.235	4 / 3.036	- / -	4 / 3.036	- / -	- / -	- / -	- / -	- / -	16 / 17.271
FY 2014	- / -	- / -	- / -	22 / 16.676	- / -	22 / 16.676	8 / 7.574	- / -	- / -	- / -	- / -	30 / 24.250
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	23 / 22.746	10 / 5.808	- / -	- / -	- / -	33 / 28.554
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 8.108	6 / 4.353	- / -	- / -	23 / 12.461
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 14.975	3 / 2.241	- / -	25 / 17.216
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 13.812	- / -	16 / 13.812
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 33.398	31 / 33.398
Total	- / -	1 / 4.330	19 / 23.227	26 / 19.712	- / -	26 / 19.712	31 / 30.320	27 / 13.916	28 / 19.328	19 / 16.053	31 / 33.398	182 / 160.284

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2925 - CANES Intell										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - CANES-Afloat 5G010/5G777 MIP												
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303238N												
Installation: CANES-Afloat 5G010/5G777 MIP										Method of Implementation: [none specified]										Installation Name: CANES - Afloat Production Units - MIP												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	1	-	8	6	4	5	7	10	5	8	6	8	9	7	5	9	6	9	7	9	3	5	1	3	41	182	
Out	-	-	-	-	-	-	-	1	6	5	4	10	5	4	10	5	10	8	9	7	6	8	5	7	9	11	1	6	1	44	182	
Installation: CANES-Afloat 5G010/5G777 MIP										Method of Implementation: [none specified]										Installation Name: CANES Afloat Technical Insertion - MIP												
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.063		7 / 1.386		- / -		- / -		8 / 1.449						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 1.794		2 / 0.250		- / -		14 / 2.044						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		23 / 3.141		4 / 2.298		27 / 5.439						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		405 / 235.562		405 / 235.562						
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.063		19 / 3.180		25 / 3.391		409 / 237.860		454 / 244.494						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	19	-	-	-	-	25	-	409	454
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	19	-	-	-	25	409	454	
Installation: CANES-Afloat 5G010/5G777 MIP										Method of Implementation: Not Installed - CANES - Afloat First Articles - MIP										Installation Quantity: 13												
Footnotes:																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2925 - CANES Intell	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - CANES-Afloat 5G010/5G777 MIP
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303238N
(1) CANES production units require an additional 4 months after delivery for operational integration, assembly and testing prior to installation start. Installs do not begin until 9 months after contract award (5 months production lead time + 4 months integration). DDGs are the only exception and require(4 months production lead time + 1 month integration). -First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. -Average unit cost fluctuations are attributable to variances in system configuration requirements among platforms. A DDG/CG/LSD (unit level platforms) has fewer users and runs fewer applications than a LHD/CVN (force level platforms). Force level platforms are larger in scale compared to the unit level ships and represent a super set of users, applications and connected systems. -Installation cost fluctuations are attributed to and dependent on class, level of the platform, variant of predecessor system the hull currently has installed (ISNS Alpha/Charlie/Delta/Legacy), and geographic location of the installation. As an example of variant differences, if a CVN has an ISNS Delta variant installed, a CANES installation is estimated to be \$11.2M. If that same CVN had a legacy ATM LAN the CANES installation is estimated to be \$16.4M. The legacy LAN installation has the additional cost of rewiring all the drops, while the newer variants of ISNS allow for reuse of drops during the CANES installation. (2) First articles are defined as necessary production design drawings, environmental (shock and vibration) qualifications, logistics and training artifacts as well as a certified tested baseline provided to the government for each platform first of its kind. First articles are separate from production units and must be bought prior to the procurement of the corresponding production units. Procurement Lead Time (PLT) is 8 months for First Articles (DDG,CVN, submarines, etc). All following production articles of the same variant require a PLT of 5 months. CANES First Articles are not installed. Average unit cost fluctuations are attributable to variances in system configuration requirements among platforms. A DDG/CG/LSD (unit level platforms) has fewer users and runs fewer applications than a LHD/CVN (force level platforms). Force level platforms are larger in scale compared to the unit level ships and represent a super set of users, applications and connected systems. The FY13 procurement is two Force Level units; FY14 is two Force and one Unit Level units; FY15 and FY 16 are Unit Level procurements. (3) The NRE cost element reflects production engineering costs related to delivery of the first production units. These costs include CVN and DDG design hardware baseline updates required as a result of deficiencies found during the manufacturing process and updates to related production documentation, both of which are required prior to final acceptance by the government. (4) FY 2014 Contractor and location will be defined once Full Deployment contract is awarded.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CANES - Ashore 5G010/5G776 MIP			
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	7.163	1.412	0.488	-	0.488	0.508	1.548	8.897	4.995	79.245	104.256
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	7.163	1.412	0.488	-	0.488	0.508	1.548	8.897	4.995	79.245	104.256
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	7.163	1.412	0.488	-	0.488	0.508	1.548	8.897	4.995	79.245	104.256
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The consolidation of existing Afloat Network programs of record designed to provide an agile, responsive Common Computing Environment (CCE) and the eventual addition of Afloat Core Services (ACS) within and upon which application developers will host Command and Control, Warfare, Intelligence, Logistics, and business and education applications and services for Maritime Operation Command (MOC), Regional Network Operations and Security Centers (RNOSC) and Technical Training Equipment (TTE).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell				Modification Nomenclature (Modification Number - Modification Title): 2 - CANES - Ashore 5G010/5G776 MIP					
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CANES - Ashore 5G010/5G776 MIP													
B Kits													
Recurring													
1.1.1) CANES-Ashore Production Units MIP - NonOrganic ⁽⁵⁾	- / -	- / -	2 / 0.760	1 / 0.253	- / -	1 / 0.253	1 / 0.263	- / -	2 / 3.325	1 / 2.874	3 / 7.875	10 / 15.350	
1.1.2) CANES - Ashore Technical Insertion - MIP - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.557	1 / 0.179	27 / 36.662	30 / 37.398	
Subtotal Recurring	- / -	- / -	2 / 0.760	1 / 0.253	- / -	1 / 0.253	1 / 0.263	- / -	4 / 3.882	2 / 3.053	30 / 44.537	40 / 52.748	
Non-Recurring													
1.2.1) CANES - Ashore First Articles - MIP - Organic ⁽⁶⁾	- / -	1 / 7.163	- / -	- / -	- / -	- / -	- / -	1 / 1.429	- / -	- / -	- / -	2 / 8.592	
Subtotal Non-Recurring	- / -	1 / 7.163	- / -	- / -	- / -	- / -	- / -	1 / 1.429	- / -	- / -	- / -	2 / 8.592	
Total, CANES - Ashore 5G010/5G776 MIP	- / -	1 / 7.163	2 / 0.760	1 / 0.253	- / -	1 / 0.253	1 / 0.263	1 / 1.429	4 / 3.882	2 / 3.053	30 / 44.537	42 / 61.340	
Total Procurement, All Modifications	- / -	1 / 7.163	2 / 0.760	1 / 0.253	- / -	1 / 0.253	1 / 0.263	1 / 1.429	4 / 3.882	2 / 3.053	30 / 44.537	42 / 61.340	
Support													
2.1) CANES - Ashore Production Support (MIP)	- / -	- / -	- / 0.040	- / 0.013	- / -	- / 0.013	- / 0.014	- / 0.008	- / 0.204	- / 0.161	- / 2.344	- / 2.784	
2.2) CANES - Ashore Design Service Agent (MIP)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.111	- / 0.722	- / 0.196	- / 1.502	- / 2.531	
Total Support, All Modifications	-	-	0.040	0.013	-	0.013	0.014	0.119	0.926	0.357	3.846	5.315	
Total Procurement and Support	-	7.163	0.800	0.266	-	0.266	0.277	1.548	4.808	3.410	48.383	66.655	
CANES - Ashore 5G010/5G776 MIP Installation Cost	- / 0.000	- / -	- / 0.612	- / 0.222	- / -	- / 0.222	- / 0.231	- / -	- / 4.089	- / 1.585	- / 30.862	- / 37.601	
Total Installation Cost	- / 0.000	- / -	- / 0.612	- / 0.222	- / -	- / 0.222	- / 0.231	- / -	- / 4.089	- / 1.585	- / 30.862	- / 37.601	
Total Cost (Procurement + Support + Installation)	0.000	7.163	1.412	0.488	-	0.488	0.508	1.548	8.897	4.995	79.245	104.256	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2925 - CANES Intell				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CANES - Ashore 5G010/5G776 MIP				
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303238N				
Manufacturer Information: CANES - Ashore 5G010/5G776 MIP												
Manufacturer Name: Northrop Grumman Systems Corp.						Manufacturer Location: Herndon, VA						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012										
Delivery Dates		Apr 2013										
Manufacturer Name: TBD ⁽⁷⁾						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Dec 2013									
Delivery Dates			Apr 2014									
Installation: CANES - Ashore 5G010/5G776 MIP				Method of Implementation: [none specified]				Installation Name: CANES-Ashore Production Units MIP				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	2 / 0.612	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.612
FY 2014	- / -	- / -	- / -	1 / 0.222	- / -	1 / 0.222	- / -	- / -	- / -	- / -	- / -	1 / 0.222
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.231	- / -	- / -	- / -	- / -	1 / 0.231
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.448	- / -	- / -	2 / 3.448
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.522	- / -	1 / 1.522
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 6.719	3 / 6.719
Total	- / -	- / -	2 / 0.612	1 / 0.222	- / -	1 / 0.222	1 / 0.231	- / -	2 / 3.448	1 / 1.522	3 / 6.719	10 / 12.754

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2925 - CANES Intell										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CANES - Ashore 5G010/5G776 MIP												
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303238N												
Installation: CANES - Ashore 5G010/5G776 MIP										Method of Implementation: [none specified]										Installation Name: CANES-Ashore Production Units MIP												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	-	3	10
Out	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	3	10
Installation: CANES - Ashore 5G010/5G776 MIP										Method of Implementation: [none specified]										Installation Name: CANES - Ashore Technical Insertion - MIP												
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.641	- / -	- / -	2 / 0.641																			
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.063	- / -	1 / 0.063																			
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 24.143	27 / 24.143																			
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.641	1 / 0.063	27 / 24.143	30 / 24.847																			
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	27	30	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	27	30	
Installation: CANES - Ashore 5G010/5G776 MIP										Method of Implementation: Not Installed - CANES - Ashore First Articles - MIP										Installation Quantity: 2												
Footnotes:																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2925 - CANES Intell	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CANES - Ashore 5G010/5G776 MIP
Models of Systems Affected: Consolidated Afloat Networks & Enterprise Services (CANES) MIP	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303238N
⁽⁵⁾ - Ashore procurement quantities are detailed as follows: Technical Training Equipment (TTE) - FY12 (0), FY13 (2), FY14 (1), FY15 (1), FY16 (0), FY17 (0), FY18 (0); Maritime Operation Command (MOC) - FY12 (0), FY13 (0), FY14 (0), FY15 (0), FY16 (0), FY17 (2), FY18 (1). -A MOC is a fully operational system configuration. A TTE configuration is a subset of a MOC configuration. This scale difference accounts for the fluctuation in per unit costs across fiscal years commensurate with the procurement quantities outlined in above note. -Fluctuations in DSA costs are the result of TTE having no associated DSA requirements. MOC units do have associated DSA costs reflected which start in FY16 and proceed into the following years. ⁽⁶⁾ Procurement Lead Time (PLT) is 8 months for First Articles. First Articles are defined as necessary production design drawings, environmental (shock and vibration) qualifications, logistics and training artifacts as well as a certified tested baseline provided to the government for each platform first of its kind. All following articles of the same variant require a PLT of 6 months. Ashore production lead times require one month less than Afloat production lead times due to the long lead time afloat production quality racks and minimized shock and vibration requirements for shore facilities. CANES First Articles are not installed. ⁽⁷⁾ FY 2014 Contractor and location will be defined once Full Deployment contract is awarded.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2940 - Gen Purp Elec Test Equip (GPETE)						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:					
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	33.041	6.010	6.083	6.253	-	6.253	6.422	6.532	6.643	6.762	68.597	146.343	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	33.041	6.010	6.083	6.253	-	6.253	6.422	6.532	6.643	6.762	68.597	146.343	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	33.041	6.010	6.083	6.253	-	6.253	6.422	6.532	6.643	6.762	68.597	146.343	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This program provides for the initial procurement and distribution of General Purpose Electronic Test Equipment (GPETE). This equipment is essential to the operational readiness of the Navy for repair, installation, and maintenance (preventive and routine) of electronic systems and equipments, both afloat and ashore. The GPETE procured must meet rigid technical requirements, be cost effective and satisfy valid deficiencies in authorized allowance.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Gen Purp Elec Test Equip (GPETE)	P40A, P5A				33.041			6.010			6.083			6.253			-			6.253
Total Gross/Weapon System Cost					33.041			6.010			6.083			6.253			-			6.253

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2940 - Gen Purp Elec Test Equip (GPETE)										Aggregated Item Name: Gen Purp Elec Test Equip (GPETE)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) M6000 FIBER OPTICS																				
† 1.1) FIBER OPTICS AND DATA COMM	A		80,966.67	30	2.429	10,000.00	30	0.300	10,000.00	30	0.300	11,000.00	30	0.330	-	-	-	11,000.00	30	0.330
<i>Subtotal 1) M6000 FIBER OPTICS</i>					2.429			0.300			0.300			0.330			-			0.330
2) M6001 SIGNAL GENERATORS																				
† 2.1) SIGNAL GENERATORS & ANALYZERS	A		124,274.19	186	23.115	16,000.00	186	2.976	16,000.00	186	2.976	17,000.00	186	3.162	-	-	-	17,000.00	186	3.162
<i>Subtotal 2) M6001 SIGNAL GENERATORS</i>					23.115			2.976			2.976			3.162			-			3.162
3) M6002 OSCILLSCPS, METERS																				
† 3.1) OSCILLSCPS, METERS&COUNTERS	A		7,986.04	573	4.576	4,000.00	545	2.180	4,000.00	563	2.252	3,992.73	550	2.196	-	-	-	3,992.73	550	2.196
<i>Subtotal 3) M6002 OSCILLSCPS, METERS</i>					4.576			2.180			2.252			2.196			-			2.196
4) M6003 PROC ENGR AND DOCUMENTATION																				
4.1) PROC ENGR AND DOCUMENTATION	A		-	-	2.921	-	-	0.554	-	-	0.555	-	-	0.565	-	-	-	-	-	0.565
<i>Subtotal 4) M6003 PROC ENGR AND DOCUMENTATION</i>					2.921			0.554			0.555			0.565			-			0.565
Total					33.041			6.010			6.083			6.253			-			6.253

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2940 - Gen Purp Elec Test Equip (GPETE)				Aggregated Item Name: Gen Purp Elec Test Equip (GPETE)				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) M6000 FIBER OPTICS												
1.1) FIBER OPTICS AND DATA COMM		2012	NSWC / CHINA LAKE	WR	SEAL BEACH	Nov 2011	Mar 2012	30	10,000.00	Y		
1.1) FIBER OPTICS AND DATA COMM		2013	NSWC / CHINA LAKE	WR	CHINA LAKE	Nov 2012	Mar 2013	30	10,000.00	Y		
1.1) FIBER OPTICS AND DATA COMM		2014	NSWC / CHINA LAKE	WR	CHINA LAKE	Nov 2013	Mar 2014	30	11,000.00	N		
2) M6001 SIGNAL GENERATORS												
2.1) SIGNAL GENERATORS & ANALYZERS		2012	NSWC / CHINA LAKE	WR	SEAL BEACH	Nov 2011	Mar 2012	186	16,000.00	Y		
2.1) SIGNAL GENERATORS & ANALYZERS		2013	NSWC / CHINA LAKE	WR	CHINA LAKE	Dec 2012	Apr 2013	186	16,000.00	Y		
2.1) SIGNAL GENERATORS & ANALYZERS		2014	NSWC / CHINA LAKE	WR	CHINA LAKE	Nov 2013	Mar 2014	186	17,000.00	N		
3) M6002 OSCILLSCPS, METERS												
3.1) OSCILLSCPS, METERS&COUNTERS		2012	NSWC / CHINA LAKE	WR	SEAL BEACH	Nov 2011	Mar 2012	545	4,000.00	Y		
3.1) OSCILLSCPS, METERS&COUNTERS		2013	NSWC / CHINA LAKE	WR	CHINA LAKE	Nov 2012	Mar 2013	563	4,000.00	Y		
3.1) OSCILLSCPS, METERS&COUNTERS		2014	NSWC / CHINA LAKE	WR	CHINA LAKE	Nov 2013	Mar 2014	550	3,992.73	N		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2960 - Integ Combat System Test Facility					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	14.644	4.430	4.495	4.963	-	4.963	5.073	5.141	5.254	5.321	-	49.321
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	14.644	4.430	4.495	4.963	-	4.963	5.073	5.141	5.254	5.321	-	49.321
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	14.644	4.430	4.495	4.963	-	4.963	5.073	5.141	5.254	5.321	-	49.321
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	1.610	1.625	0.861	-	0.861	1.808	1.712	1.478	1.700	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
This program supports various Navy Integrated Combat System Test Facility (ICSTF) sites as required to support integration and interoperability testing. Sites include, but are not limited to: Naval Surface Warfare Center (NSWC) Dahlgren, Surface Combat System Center (SCSC) Wallops Island, and NSWC Dam Neck.

The United States Navy has a requirement to fully test and certify computer programs for maturity and operational performance prior to delivery to the Fleet. AEGIS and Non-AEGIS ships are certified through Combat System Integration Testing (CSIT) formally known as Warfare System Integration & Interoperability Test (WSI2T). Commander, U.S. Fleet Forces Command (CFFC) provided specific direction to develop a unified modernization process, and certify all combat system baselines for integration and interoperability as an integral step in the CNO Fleet Response Plan (FRP). Various Navy facilities, serving as ICSTF, conduct the required testing in support of CVN, DDG, CG, LHD, LHA, LPD17 and LSD class ships. These sites also comprise the Navy's Distributed Engineering Plant (DEP) alliance, which performs Interoperability Assessments and Systems Engineering Events (SEEs) for deploying Strike Groups.

These facilities also provide combat system in-service support to respond to emergent Fleet problems. This capability tests and certifies new combat system baseline in a lab based environment, which has significantly reduced the cost of corrective action and shifted the burden of problem discovery away from the operator at sea.

As existing systems experience parts obsolescence, combat systems are continually updated through planned technical refresh. As these new Commercial Off the Shelf (COTS) systems are introduced, ICSTF must maintain test beds in order to accurately replicate Command, Control, Communications, Computer, Combat Systems, and Intelligence (C5I) configurations that are destined for the Fleet. In addition, new combat systems architectures are under development for new ship classes such as LCS, CVN-78, DDG-1000, as well as new Open Architecture (OA) variants of legacy suites. Procurement of production representative systems of these OA combat systems being delivered to operational Fleet units is critical to ensure that testing and subsequent certification of both current and newly installed combat systems is in accordance with NAVSEAINST 9410.2 Naval Warfare Systems Certification Policy (NWSCP) and the FRP Program.

The basic procurement program outlined herein is directed at expanding various facilities capability to support CSIT. Procurement requirements are directly tied to the CSIT testing schedule and establish independence between test beds allowing for parallel certification efforts. Procurements are required to build the necessary test beds and for laboratory support equipment. This budget procures lab support equipment ensuring that various facilities are able to support the new tactical subsystems that use COTS equipment.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment		P-1 Line Item Nomenclature: 2960 - Integ Combat System Test Facility
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
In addition, the basic program provides for equipment/upgrades for the Navy's Distributed Engineering Plant (DEP) needed to conduct Interoperability Assessment testing. The DEP consists of nine land-based sites networked to certify computer programs prior to their delivery to the Fleet. Interoperability Assessment testing is required for all deploying Strike Groups per the Joint Fleet Instruction. [P40A / M8100 - Combat System Equipment]: M8100 - COMBAT SYSTEM INTEGRATION TESTING EQUIPMENT (CSIT) PREVIOUSLY KNOWN AS COMBAT SYSTEM EQUIPMENT Procure hardware necessary for successful Combat System Integration Testing (CSIT) execution as scheduled in the NAVSEA Warfare Systems Certification Events schedule, including the following: 1) Hardware that makes up the tactical baseline to accurately replicate the ship configuration for integration and interoperability testing; 2) Hardware necessary to support integration and interoperability testing; 3) Simulation hardware, test tools, and laboratory equipment; and 4) Software and support for the modification of existing simulation software required for conduct of integration and interoperability testing. [P40A / M8200 - Support Equipment]: M8200 - SUPPORT EQUIPMENT Procures hardware necessary to support integration and interoperability testing. Equipment includes simulation hardware, test tools and laboratory equipment. [P40A / M8300 - CS Simulation]: M8300 - COMBAT SYSTEM (CS) SIMULATION Procure software and support for the modification of existing simulation software required for conduct of integration and interoperability testing. [P40A / M8400 - SESEF Electronic Equipment]: The Shipboard Electronic Systems Evaluation Facilities (SESEF) are Navy owned and operated test sites. The SESEF Program mission is to provide electromagnetic system tests and evaluations to afloat and shore commands for new and/or upgraded systems, to validate system performance following new construction and overhaul/availability, and to provide real-time assessment of material readiness in an operational environment. Providing program procurement management for test systems for Tactical Control and Navigation (TACAN), Automated Information Management System (AIMS) MK XII Identification Friend or Foe (IFF), LINK 4A/11/16, OUTBOARD/COMBAT DF/RDF, search and fire control radars, and communication systems including secure voice. SESEFs have been used effectively to detect and isolate shipboard system deficiencies leading to maintenance action to increase ship material readiness at the completion of construction, delivery availabilities, during routine ship operations, and prior to deployment. [P40A / M8500 - Interoperability Assessment Equipment]: M8500 - INTEROPERABILITY ASSESSMENT EQUIPMENT PREVIOUSLY KNOWN AS DISTRIBUTED ENGINEERING PLANT (DEP) Procures upgrades to support the nine sites that comprise the Navy's DEP. Procures hardware that provides the DEP Network Operations Center (NOC) with the capability to remotely monitor, configure, and update the DEP network equipment in case the network is down or there is an equipment hang-up. Funds are also allocated for future network upgrades, to allow the DEP networks to take advantages of all of the advanced routing protocols offered, and allow the DEP to interface with other non-DEP communities using external, advanced, routing protocols. [P40A / M86IN - Non-FMP Installation]: M86IN - EQUIPMENT INSTALLATION (NON FMP) Procures engineering and installation support for the above OPN budget. Support includes performing test bed staging, installation, connection, switching, repair, and removal services of upgraded/tech refresh tactical, simulation and support systems in direct support of NAVSEA requirements. Provide engineering services for rapid reconfiguration to new/upgraded installations to meet requirements.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment											P-1 Line Item Nomenclature: 2960 - Integ Combat System Test Facility										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
ICSTF Program	P40A			14.644			4.430			4.495			4.963			-			4.963		
Total Gross/Weapon System Cost				14.644			4.430			4.495			4.963			-			4.963		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2960 - Integ Combat System Test Facility										Aggregated Item Name: ICSTF Program				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) M8100 - Combat System Equipment																				
1.1) CSIT Prior Combat Support Equipment	A		-	-	2.733	-	-	2.096	-	-	1.907	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) M8100 - Combat System Equipment</i>					2.733			2.096			1.907			-			-			-
2) M8200 - Support Equipment																				
2.1) Support Equipment	A		-	-	2.057	-	-	0.100	-	-	0.311	-	-	0.155	-	-	-	-	-	0.155
<i>Subtotal 2) M8200 - Support Equipment</i>					2.057			0.100			0.311			0.155			-			0.155
3) M8300 - CS Simulation																				
3.1) CS Simulation	A		-	-	1.006	-	-	0.139	-	-	0.155	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal 3) M8300 - CS Simulation</i>					1.006			0.139			0.155			0.100			-			0.100
4) M8400 - SESEF Electronic Equipment																				
4.1) SESEF Elect Equipment	A		-	-	6.372	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) SESEF Electronic Equipment	A		-	-	-	-	-	0.945	-	-	0.943	-	-	1.421	-	-	-	-	-	1.421
<i>Subtotal 4) M8400 - SESEF Electronic Equipment</i>					6.372			0.945			0.943			1.421			-			1.421
5) M8500 - Interoperability Assessment Equipment																				
5.1) Interoperability Assessment Equipment	A		-	-	1.045	-	-	0.600	-	-	0.625	-	-	2.732	-	-	-	-	-	2.732
<i>Subtotal 5) M8500 - Interoperability Assessment Equipment</i>					1.045			0.600			0.625			2.732			-			2.732
6) M86IN - Non-FMP Installation																				
6.1) M86IN - Non-FMP Installation	A		-	-	1.431	-	-	0.550	-	-	0.554	-	-	0.555	-	-	-	-	-	0.555
<i>Subtotal 6) M86IN - Non-FMP Installation</i>					1.431			0.550			0.554			0.555			-			0.555
Total					14.644			4.430			4.495			4.963			-			4.963

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment							P-1 Line Item Nomenclature: 2970 - EMI Control Instrumentation					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:					
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	116.105	4.741	4.767	4.664	-	4.664	4.812	4.887	5.001	5.069	-	150.046
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	116.105	4.741	4.767	4.664	-	4.664	4.812	4.887	5.001	5.069	-	150.046
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	116.105	4.741	4.767	4.664	-	4.664	4.812	4.887	5.001	5.069	-	150.046
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Electromagnetic Interference (EMI) Control Instrumentation Program is fully aligned with the CNO's Sailing Directions (issued Feb 2012). This program supports all three of CNO's main tenets (Warfighting First, Operate Forward and Be Ready). The EMI Control Instrumentation Program provides Cradle to Grave Systems Engineering for Mission Assurance by implementing Electromagnetic Compatibility (EMC) hardware solutions and Spectrum Management (SM) software solutions. This ensures equipment, systems, and ships meet their Operational Mission Requirements and goals within their intended operational EM environment. This Program provides EMI (Hardware and Software) fixes to correct mission degrading EMI problems on deploying ships and submarines, thereby restoring combat capability and Fleet Readiness. EMI (HARDWARE) FIXES: Procurement and installation of Electromagnetic Interference (EMI) Hardware Solutions (i.e, Fixes) will achieve Electromagnetic Compatibility (EMC) among and between shipboard electronic/electric systems and/or equipments. This will be accomplished by determining the optimal EMI fix hardware, evaluating the effectiveness of the EMI solution, then procuring and installing the required hardware with full integrated logistic support (ILS) as part of the system hardware (ECP, OA, FC, etc). The fixes may include various types of radio frequency (RF) filters, limiters, blankers, radar absorbing material (RAM) and shielding methods. EMI (SOFTWARE) FIXES: Procurement and installation of EMI Software Fixes for platform/strike group/Area of Operation. These specific spectrum procedures (software application capabilities) and frequency management techniques (software modules) will be used to eliminate and reduce EMI when hardware solutions are unacceptable. Funds will also be used to provide engineering support to the enhancement of spectrum software applications through the procurement of models and other capabilities, including ILS for software tools/utilities/applications that correct/mitigate operational EMI.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment											P-1 Line Item Nomenclature: 2970 - EMI Control Instrumentation										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
EMI Control Instrumentation	P40A				116.105			4.741			4.767			4.664			-			4.664	
Total Gross/Weapon System Cost				116.105			4.741			4.767			4.664			-			4.664		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2970 - EMI Control Instrumentation										Aggregated Item Name: EMI Control Instrumentation				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) MA004 EMI (HARDWARE) FIXES																				
1.1) MA004 EMI (HARDWARE) FIXES	A		-	-	65.730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) MA004 EMI (HARDWARE) FIXES - N96	A		-	-	0.732	-	-	0.950	-	-	0.844	-	-	0.823	-	-	-	-	-	0.823
1.3) MA004 EMI (HARDWARE) FIXES - N95	A		-	-	0.480	-	-	0.677	-	-	0.588	-	-	0.573	-	-	-	-	-	0.573
1.4) MA004 EMI (HARDWARE) FIXES - N97	A		-	-	0.525	-	-	0.682	-	-	0.608	-	-	0.595	-	-	-	-	-	0.595
1.5) MA004 EMI (HARDWARE) FIXES N98	A		-	-	0.781	-	-	1.024	-	-	0.907	-	-	0.885	-	-	-	-	-	0.885
<i>Subtotal 1) MA004 EMI (HARDWARE) FIXES</i>					68.248			3.333			2.947			2.876			-			2.876
2) MA104 EMI (SOFTWARE) FIXES																				
2.1) MA104 EMI (SOFTWARE) FIXES - N95	A		-	-	2.716	-	-	0.168	-	-	0.252	-	-	0.246	-	-	-	-	-	0.246
2.2) MA104 EMI (SOFTWARE) FIXES - N96	A		-	-	4.091	-	-	0.237	-	-	0.361	-	-	0.352	-	-	-	-	-	0.352
2.3) MA104 EMI (SOFTWARE) FIXES - N97	A		-	-	2.933	-	-	0.171	-	-	0.261	-	-	0.255	-	-	-	-	-	0.255
2.4) MA104 EMI (SOFTWARE) FIXES - N98	A		-	-	4.394	-	-	0.256	-	-	0.389	-	-	0.380	-	-	-	-	-	0.380
2.5) MA104 EMI (SOFTWARE) FIXES - N2N6	A		-	-	31.923	-	-	0.576	-	-	0.557	-	-	0.555	-	-	-	-	-	0.555
<i>Subtotal 2) MA104 EMI (SOFTWARE) FIXES</i>					46.057			1.408			1.820			1.788			-			1.788
3) MAG86 EMI (HARDWARE) FIXES																				
3.1) MAG86 OCO EMI CONTROL INSTRUMENTATION/ COMBAT THEATER EMC	A		-	-	1.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) MAG86 EMI (HARDWARE) FIXES</i>					1.800			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment						P-1 Line Item Nomenclature: 2970 - EMI Control Instrumentation									Aggregated Item Name: EMI Control Instrumentation					
			All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Items	ID CD	MDAP/ MAIS Code	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total					116.105			4.741			4.767			4.664			-			4.664

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	195.120	42.416	81.755	66.889	-	66.889	69.064	70.869	79.644	79.352	152.557	837.666
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	195.120	42.416	81.755	66.889	-	66.889	69.064	70.869	79.644	79.352	152.557	837.666
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	195.120	42.416	81.755	66.889	-	66.889	69.064	70.869	79.644	79.352	152.557	837.666
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	1.715	1.985	1.569	-	1.569	2.405	0.351	1.452	-	-	9.477
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[P40A / DC004 CALIBRATION STANDARDS]: These funds procure calibration equipment for intermediate and organizational maintenance levels. Test And Monitoring Systems (TAMS), which include test equipment and gauges, must be calibrated to ensure the equipment is operational, accurate and precise. Funds are used to procure Calibration Standards. Calibration Standards are equipments which ensure the accuracy of test equipment used to install, align, and maintain all navy weapons systems shore and afloat. Intermediate Maintenance Activities (IMA) mechanical standards programs provide various new and replacement calibration equipment for instrument repair and calibration shops aboard tenders and shore based intermediate maintenance activities. The shipboard gauge calibration program provides the organization maintenance level aboard ship with portable calibration equipment to provide calibration support in only specific areas of measurement. Integrated Condition Assessment System (ICAS) is a Non-Developmental Item (NDI) (Commercial-Off-The-Shelf (COTS) equipment) computer-based system that provides real-time, on-line machinery condition monitoring and failure detection, diagnosis, trending for failure prognosis and expert troubleshooting capability. ICAS is linked through data networks to other critical ship systems, such as machinery control, damage control and bridge systems to receive necessary sensory information.

[P40A / DC019 RADAR RESTORATION AN/SPS-67 ANTENNA]: Funding in this line establishes an antenna manufacturing capability at Naval Surface Warfare Center (NSWC) Crane needed to provide additional rotatable pool antennas for the AN/SPS-67(V)3 to support the restoration of installed fleet antennas. The current number of available antennas is insufficient to support the fleet population. This has led to antennas operating in the field beyond their periodicity, resulting in decreased detection and tracking capability.

[P40A / DC020 DUAL BAND RADAR (DBR)]: Funding is required to establish the In-Service Engineering Agent (ISEA), Original Equipment Manufacturer (OEM) production services and support for Configuration Management. Funding also implements the DBR Life Cycle Sustainment Plan (LCSP) and infrastructure, Diminishing Manufacturing Sources and Material Shortages (DMSMS) Plan, associated hardware and software obsolescence mod kits, procurement of Engineering Change Proposals (ECPs), associated logistics products and on-board allowance requirements to enable system operation. Production support is also required to assist with DBR Combat System Integration and Technical Documentation.

[P40A / DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)]: The Maritime Radar Processor (MRP) was developed to improve the detection of small boats/targets by USN ships. Funding in this line will be used to integrate, procure and field the MRP and to fund associated logistics documentation changes. A CNO availability is not required for installation of this Field Change.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment		P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): [P3A / DC001 - SPS-73 RADAR]: The AN/SPS-73(V) Radar provides primary navigation and surface search radar functionality as required by the USN fleet (with the exception of FFG/MHC class ships). All radars have been procured and are awaiting installation. Systems were procured with prior year Congressional Plus-Up funding. The AN/SPS-73(V)12 is the Program of Record (POR) replacement for the legacy, unsupported, and non-POR navigation/surface search radars (LN-66, AN/SPS-55/64, Bridgmaster (BME), and AN/SPS-73(V)17). Funding in this line completes technology refresh, providing design for an Engineering Change Proposal (ECP) (Field Change (F/C) 13 to the AN/SPS-73(V)12) that addresses inevitable Commercial-Off-The-Shelf (COTS) obsolescence and incorporates expanded requirements, as well as recommended fleet enhancements to ensure safety of operations. Funding is provided for procurement for the replacement (with AN/SPS-73(V)12 F/C 13) of the LPD 17 non-POR AN/SPS-73(V)13 radars which is procured as Contractor Furnished Equipment for the LPD 17 class. Funding is also required for the Maritime Radar Processor (MRP) which was developed to improve the detection of small boats/targets by USN ships. Funding in this line will be used to integrate, procure and field the MRP as part of the tech refresh Field Change and to fund associated logistics documentation changes. A CNO availability is not required for installation of this Field Change. [P3A / DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)]: The AN/SPS-48G 3-D Air Surveillance Radar is a follow-on to the existing AN/SPS-48E onboard Aircraft Carriers and large-deck Amphibious ships. AN/SPS-48G was initiated in response to Fleet complaints regarding AN/SPS-48E reliability and supportability. Upgrade of the AN/SPS-48E with the AN/SPS-48G remains a high Fleet priority as it will reduce Operation and Support (O&S) costs and improve Operational Availability. Both factors are cited by the Fleet as unsatisfactory for the AN/SPS-48E. The goal is to replace the AN/SPS-48E as rapidly as possible so the Fleet can realize these costs savings. Current efforts include the manufacturing of the AN/SPS-48G upgrade kits with associated production support as well as modifications to the AN/SPS-48G brought about by initial Fleet introduction and Fleet operations. Contract award is planned for March of each FY, with a 24 month lead time for the initial unit and with subsequent units delivered at two month intervals after initial delivery. Equipment delivery for installation is required thirty days prior to FMP availability start in accordance with Navy Modernization Process Management. Engineering Change Order funding is included to address Fleet recommended modifications/ requirements. FY13 and beyond Engineering Change Proposal funding includes funding to incorporate High Diver Detection and Tracking functionality, as well as operation of the AN/SPS-48G within the LPD 17 class Advanced Enclosed Mast/ System. Both of these capabilities were designed and incorporated in to the AN/SPS-48E after design of the AN/SPS-48G had been initiated. These changes now need to be translated into the different hardware and software architectures of the AN/SPS-48G. [P3A / DC010 - AN/SPS-49 IN-SERVICE RADARS]: This funding continues and executes efforts funded under the Radar Improvement Program. This program addresses already realized obsolescence, cost, reliability and maintainability issues raised by the fleet for the AN/SPS-49(V) air search radar, initially introduced in the Navy in the 1970's. These funds support the completion of the AN/SPS-49 Solid State Modulator (SSM) program and provide funding to begin addressing serious obsolescence issues throughout the radar including already obsolete Circuit Card Assemblies (CCAs) and other electrical components, and ongoing reliability problems in the transmitter. [P3A / DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)]: AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR): The CVN Periscope Detection Radar (PDR), AN/SPS-74(V) is a radar that provides automatic detection and discrimination of submarine periscopes using advanced algorithms enabling discrimination of periscopes from surface contacts, buoys, small boats, floating mines, etc. Four Advanced Development Models (ADMs) have been installed and are operating on CVN class ships. The AN/SPS-74 program was cancelled in FY12. FY13 funding was redirected to begin planning and procurement of AN/SPQ-9B Periscope Detection and Discrimination (PDD) kits for CVN 68 - CVN 77; initiate AN/SPQ-9B modifications to support CVN combat system and display requirements; institute planning for directed sustainment and continued operation of installed AN/SPS-74 ADMs as well as eventual de-installation; and develop operating guidance for combined AN/SPQ-9B PDD and AN/SPS-74 ADM operation. [P3A / DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)]: Provides real-time valunumeric wind profiles, convective weather detection/display, and radar refractivity assessments from AN/SPY-1 radar returns. TEP will be an adjunct processor and display, tapping radar data from weather and refractivity data, with users able to post information to Secret Internet Protocol Router (SIPR). TEP is aligned with AEGIS Modernization starting in FY14 and will continue beyond the FYDP. [P3A / DC018 - AN/SPY-1 RM&A IMPROVEMENTS]: DC018 AN/SPY-1 RM&A IMPROVEMENTS - These Reliability, Maintainability, and Availability (RM&A) improvements are intended to reduce cascading failures, mitigate obsolescence issues, and improve reliability in support of Anti-Air Warfare (AAW) and Ballistic Missile Defense (BMD) missions while still providing AN/SPY-1 Radar Total Ownership Cost (TOC) reductions. The improvements include, but are not limited to, installation for Sidewall Capacitor Circuit Protection and 10kW Traveling Wave Tube (TWT) Monitoring Circuits Ordnance Alterations (ORDALTS) starting in FY13 and Water Cooled Vane (WCV) to Double Duty (DD) conversion kits starting in FY15. AN/SPY-1 Pack Up Kits (PUKs) will consist of long lead and high failure parts which will be procured in FY14, then provided to and managed by Regional Maintenance Centers (RMCs).		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s):																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Items less than \$5 Million	P40A, P5A				12.498			12.816			20.176			17.782			-			17.782
1 - DC001 - SPS-73 RADAR	P3A				35.601			3.898			8.201			-			-			-
2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)	P3A				128.212			24.152			38.702			37.426			-			37.426
3 - DC010 - AN/SPS-49 IN-SERVICE RADARS	P3A				17.909			0.150			0.520			-			-			-
4 - DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)	P3A				0.000			-			10.356			0.700			-			0.700
5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)	P3A				0.900			1.400			1.400			1.389			-			1.389
6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS	P3A				0.000			-			2.400			9.592			-			9.592
Total Gross/Weapon System Cost					195.120			42.416			81.755			66.889			-			66.889

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Items less than \$5 Million	P40A, P5A				-			-			-			-			-			-
1 - DC001 - SPS-73 RADAR	P3A				-			-			-			-			-			47.700
2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)	P3A				38.190			37.478			42.345			42.344			12.230			401.079
3 - DC010 - AN/SPS-49 IN-SERVICE RADARS	P3A				-			-			-			-			-			18.579
4 - DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)	P3A				0.700			0.700			0.700			0.700			-			13.856
5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)	P3A				1.416			1.497			1.500			1.500			13.278			24.280
6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS	P3A				6.399			1.500			1.627			1.627			75.190			98.335

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment												P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				69.064			70.869			79.644			79.352			152.557			837.666		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment								P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million							Aggregated Item Name: Items less than \$5 Million					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) DC004 CALIBRATION STANDARDS																				
† 1.1) CALIBRATION STANDARDS	A		249,000.00	22	5.478	38,910.00	99	3.852	57,000.00	62	3.534	23,744.57	184	4.369	-	-	-	23,744.57	184	4.369
Subtotal 1) DC004 CALIBRATION STANDARDS					5.478			3.852			3.534			4.369			-			4.369
2) DC001 SPS-73 RADAR																				
† 2.1) TECH REFRESH (1)	A		180,000.00	39	7.020	371,090.91	22	8.164	227,941.18	34	7.750	254,217.39	23	5.847	-	-	-	254,217.39	23	5.847
Subtotal 2) DC001 SPS-73 RADAR					7.020			8.164			7.750			5.847			-			5.847
3) DC019 RADAR RESTORATION AN/SPS-67 ANTENNA																				
† 3.1) HARDWARE	A		-	-	-	-	-	-	-	-	-	495,000.00	2	0.990	-	-	-	495,000.00	2	0.990
3.2) OTHER	A		-	-	-	-	-	0.800	-	-	0.700	-	-	0.108	-	-	-	-	-	0.108
Subtotal 3) DC019 RADAR RESTORATION AN/SPS-67 ANTENNA					-			0.800			0.700			1.098			-			1.098
4) DC020 DUAL BAND RADAR (DBR)																				
4.1) DBR ENGINEERING CHANGE PROPOSALS (ECPS) (2)	A		-	-	-	-	-	-	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000
4.2) DBR PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	3.900	-	-	2.263	-	-	-	-	-	2.263
Subtotal 4) DC020 DUAL BAND RADAR (DBR)					-			-			4.900			3.263			-			3.263
5) DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)																				
† 5.1) AN/SPS-67(V)5 MARITIME RADAR PROCESSOR	A		-	-	-	-	-	-	164,600.00	20	3.292	128,200.00	25	3.205	-	-	-	128,200.00	25	3.205
Subtotal 5) DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)					-			-			3.292			3.205			-			3.205
Total					12.498			12.816			20.176			17.782			-			17.782

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment									P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million							Aggregated Item Name: Items less than \$5 Million				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) DC004 CALIBRATION STANDARDS																				
† 1.1) CALIBRATION STANDARDS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) DC004 CALIBRATION STANDARDS					-			-			-			-			-			-
2) DC001 SPS-73 RADAR																				
† 2.1) TECH REFRESH (1)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) DC001 SPS-73 RADAR					-			-			-			-			-			-
3) DC019 RADAR RESTORATION AN/SPS-67 ANTENNA																				
† 3.1) HARDWARE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) OTHER	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) DC019 RADAR RESTORATION AN/SPS-67 ANTENNA					-			-			-			-			-			-
4) DC020 DUAL BAND RADAR (DBR)																				
4.1) DBR ENGINEERING CHANGE PROPOSALS (ECPS) (2)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) DBR PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) DC020 DUAL BAND RADAR (DBR)					-			-			-			-			-			-
5) DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)																				
† 5.1) AN/SPS-67(V)5 MARITIME RADAR PROCESSOR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes:																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million	Aggregated Item Name: Items less than \$5 Million
(1) In FY13-16, the program will continue procurement of AN/SPS-73 Tech Refresh kits for all remaining previously procured AN/SPS-73 Radars. In FY15-16, the program will fund the non-recurring cost for an updated Tech Refresh kit, as the current Tech Refresh kit was procured beginning in FY10. The program will also analyze the obsolete AN/SPS-73 Antenna and qualify an antenna replacement as part of this updated Tech Refresh kit. In FY16 and beyond, the program will procure the updated Tech Refresh kits including replacement antennas. (2) The ECP funding for DBR identified in FY13-14 is needed to fix issues identified during developmental testing. Production support funding is needed for parts obsolescence and life cycle products and sustainment of the system. Changes identified during testing will need to be implemented in the production systems, post CVN 78 and DDG 1000 ship delivery in FY14 and FY15. In order to implement necessary engineering changes and support production of those changes in FY14/15, funding is required beginning in FY13.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Aggregated Item Name: Items less than \$5 Million			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) DC004 CALIBRATION STANDARDS												
1.1) CALIBRATION STANDARDS		2012	VARIOUS / VARIOUS	Various	WASHINGTON NAVY YARD	Nov 2011	Mar 2012	99	38,910.00	Y		
1.1) CALIBRATION STANDARDS		2013	VARIOUS / VARIOUS	Various	WASHINGTON NAVY YARD	Nov 2012	Mar 2013	62	57,000.00	Y		
1.1) CALIBRATION STANDARDS		2014	VARIOUS / VARIOUS	Various	WASHINGTON NAVY YARD	Nov 2013	Mar 2014	184	23,744.57	Y		
2) DC001 SPS-73 RADAR												
2.1) TECH REFRESH		2012	Raytheon / Portsmouth, RI	SS / FFP	NSWC CRANE	Nov 2012	Nov 2013	22	371,090.91	Y		Apr 2012
2.1) TECH REFRESH		2013	Raytheon / Portsmouth, RI	SS / FFP	NSWC CRANE	Feb 2013	Feb 2014	34	227,941.18	Y		Apr 2012
2.1) TECH REFRESH		2014	Raytheon / Portsmouth, RI	SS / FFP	NSWC CRANE	Jan 2014	Jan 2015	23	254,217.39	Y		Apr 2012
3) DC019 RADAR RESTORATION AN/SPS-67 ANTENNA												
3.1) HARDWARE		2014	NSWC CRANE / CRANE, IN	WR	NSWC CRANE	Nov 2013	Nov 2015	2	495,000.00	Y		
5) DC021 AN/SPS-67(V)5 MARITIME RADAR PROCESSOR (MRP)												
5.1) AN/SPS-67(V)5 MARITIME RADAR PROCESSOR		2013	TBD / UNKNOWN	C / FFP	NSWC CRANE	Jul 2013	Jul 2014	20	164,600.00	N		Feb 2013
5.1) AN/SPS-67(V)5 MARITIME RADAR PROCESSOR		2014	TBD / UNKNOWN	C / FFP	NSWC CRANE	Jan 2014	Jan 2015	25	128,200.00	N		Feb 2013

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - DC001 - SPS-73 RADAR			

Models of Systems Affected: AN/SPS-73				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	35.601	3.898	8.201	-	-	-	-	-	-	-	-	47.700
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	35.601	3.898	8.201	-	-	-	-	-	-	-	-	47.700
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	35.601	3.898	8.201	-	-	-	-	-	-	-	-	47.700

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The AN/SPS-73(V)12 Program Of Record (POR) radar systems were procured with prior year Congressional Plus Up funding and are staged awaiting installations in all USN vessels with the exception of FFG/MHC class ships. The SPS-73(V)12 systems are required for safety of navigation to replace the aging LN-66, AN/SPS-55 and AN/SPS-64 radars, as well as the non-POR AN/SPS-73(V)17 and Bridgemaster (BME) systems. These installations are imperative to eliminate the supportability issues and decreased availability being experienced with the previously installed systems. These installations are also necessary to reduce the number of radar configurations in the fleet and are required to align with the Fleet Modernization Program (FMP) plan.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - DC001 - SPS-73 RADAR				

Models of Systems Affected: AN/SPS-73				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DC001 - SPS-73 RADAR												
B Kits												
Recurring												
1.1.1) SPS-73 SYSTEMS - NonOrganic	83 / 18.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 18.452
<i>Subtotal Recurring</i>	83 / 18.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 18.452
<i>Total, DC001 - SPS-73 RADAR</i>	83 / 18.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 18.452
<i>Total Procurement, All Modifications</i>	83 / 18.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 18.452
<i>Total Procurement and Support</i>	18.452	-	-	-	-	-	-	-	-	-	-	18.452
DC001 - SPS-73 RADAR Installation Cost	- / 17.149	- / 3.898	- / 8.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.248
<i>Total Installation Cost</i>	- / 17.149	- / 3.898	- / 8.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.248
Total Cost (Procurement + Support + Installation)	35.601	3.898	8.201	-	-	-	-	-	-	-	-	47.700

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - DC001 - SPS-73 RADAR											
Models of Systems Affected: AN/SPS-73										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: DC001 - SPS-73 RADAR																															
Manufacturer Name: Raytheon													Manufacturer Location: Portsmouth, RI																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: DC001 - SPS-73 RADAR										Method of Implementation: [none specified]										Installation Name: SPS-73 SYSTEMS											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		52 / 17.149		10 / 3.898		21 / 8.201		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		83 / 29.248					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		52 / 17.149		10 / 3.898		21 / 8.201		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		83 / 29.248					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	52	-	-	3	7	-	2	3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83
Out	52	-	-	3	7	-	2	3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (Modification Number - Modification Title): 2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)				
Models of Systems Affected: AN/SPS-48G			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	128.212	24.152	38.702	37.426	-	37.426	38.190	37.478	42.345	42.344	12.230	401.079
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	128.212	24.152	38.702	37.426	-	37.426	38.190	37.478	42.345	42.344	12.230	401.079
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	128.212	24.152	38.702	37.426	-	37.426	38.190	37.478	42.345	42.344	12.230	401.079
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The AN/SPS-48G 3-D Air Surveillance Radar is a follow-on to the existing AN/SPS-48E onboard Aircraft Carriers and large-deck Amphibious ships. AN/SPS-48G was initiated in response to Fleet complaints regarding AN/SPS-48E reliability and supportability. Upgrade of the AN/SPS-48E with the AN/SPS-48G remains a high Fleet priority as it will reduce Operation and Support (O&S) costs and improve Operational Availability. Both factors are cited by the Fleet as unsatisfactory for the AN/SPS-48E. The goal is to replace the AN/SPS-48E as rapidly as possible so the Fleet can realize these costs savings. Current efforts include the manufacturing of the AN/SPS-48G upgrade kits with associated production support as well as modifications to the AN/SPS-48G brought about by initial Fleet introduction and Fleet operations. Contract award is planned for March of each FY, with a 24 month lead time for the initial unit and with subsequent units delivered at two month intervals after initial delivery. Equipment delivery for installation is required thirty days prior to FMP availability start in accordance with Navy Modernization Process Management. Engineering Change Order funding is included to address Fleet recommended modifications/ requirements. FY13 and beyond Engineering Change Proposal funding includes funding to incorporate High Diver Detection and Tracking functionality, as well as operation of the AN/SPS-48G within the LPD 17 class Advanced Enclosed Mast/ System. Both of these capabilities were designed and incorporated in to the AN/SPS-48E after design of the AN/SPS-48G had been initiated. These changes now need to be translated into the different hardware and software architectures of the AN/SPS-48G.												
[AN/SPS-48G HARDWARE - FMP]												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (Modification Number - Modification Title): 2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)				
Models of Systems Affected: AN/SPS-48G				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)												
B Kits												
Recurring												
1.1.1) AN/SPS-48G HARDWARE - FMP - NonOrganic (3)	8 / 50.752	1 / 9.000	3 / 20.700	3 / 21.975	- / -	3 / 21.975	3 / 22.371	2 / 18.900	3 / 21.146	2 / 15.734	- / -	25 / 180.578
1.1.2) EQUIPMENT NONRECURRING - Organic	- / 5.787	- / 4.402	- / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.191
1.1.3) ENGINEERING CHANGE PROPOSALS - Organic (4)	- / -	- / -	- / 5.200	- / 2.545	- / -	- / 2.545	- / 4.282	- / 3.725	- / 1.500	- / 4.010	- / -	- / 21.262
1.1.4) ENGINEERING CHANGE ORDERS - Organic (5)	- / 42.500	- / 2.200	- / 2.300	- / 2.050	- / -	- / 2.050	- / 2.085	- / 3.891	- / 3.698	- / 3.772	- / -	- / 62.496
1.1.5) AN/SPS-48G HARDWARE - NON-FMP - NonOrganic	2 / 12.973	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.049	1 / 7.867	- / -	4 / 27.889
Subtotal Recurring	10 / 112.012	1 / 15.602	3 / 29.202	3 / 26.570	- / -	3 / 26.570	3 / 28.738	2 / 26.516	4 / 33.393	3 / 31.383	- / -	29 / 303.416
Total, DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)	10 / 112.012	1 / 15.602	3 / 29.202	3 / 26.570	- / -	3 / 26.570	3 / 28.738	2 / 26.516	4 / 33.393	3 / 31.383	- / -	29 / 303.416
Total Procurement, All Modifications	10 / 112.012	1 / 15.602	3 / 29.202	3 / 26.570	- / -	3 / 26.570	3 / 28.738	2 / 26.516	4 / 33.393	3 / 31.383	- / -	29 / 303.416
Support												
2.1) PRODUCTION SUPPORT	- / 11.800	- / 2.200	- / 2.300	- / 1.870	- / -	- / 1.870	- / 2.341	- / 3.702	- / 2.513	- / 2.700	- / -	- / 29.426
Total Support, All Modifications	11.800	2.200	2.300	1.870	-	1.870	2.341	3.702	2.513	2.700	-	29.426
Total Procurement and Support	123.812	17.802	31.502	28.440	-	28.440	31.079	30.218	35.906	34.083	-	332.842
DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR) Installation Cost	- / 4.400	- / 6.350	- / 7.200	- / 8.986	- / -	- / 8.986	- / 7.111	- / 7.260	- / 6.439	- / 8.261	- / 12.230	- / 68.237
Total Installation Cost	- / 4.400	- / 6.350	- / 7.200	- / 8.986	- / -	- / 8.986	- / 7.111	- / 7.260	- / 6.439	- / 8.261	- / 12.230	- / 68.237
Total Cost (Procurement + Support + Installation)	128.212	24.152	38.702	37.426	-	37.426	38.190	37.478	42.345	42.344	12.230	401.079

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million										Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)											
Models of Systems Affected: AN/SPS-48G										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)																															
Manufacturer Name: ITT/Exelis															Manufacturer Location: VAN NUYS, CA																
Administrative Leadtime <i>(in Months)</i> : 0															Production Leadtime <i>(in Months)</i> : 24																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates		Feb 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018				Mar 2019				Mar 2020					
Installation: DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)										Method of Implementation: [none specified]										Installation Name: Hardware											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		1 / 2.200	1 / 5.500		4 / 7.200		2 / 2.860		0 / 0.000		2 / 2.860		- / -		- / -		- / -		- / -		- / -		8 / 17.760								
FY 2012		- / -	- / 0.850		- / -		1 / 1.440		- / -		1 / 1.440		- / -		- / -		- / -		- / -		- / -		1 / 2.290								
FY 2013		- / -	- / -		- / -		- / 2.520		- / -		- / 2.520		3 / 4.500		- / -		- / -		- / -		- / -		3 / 7.020								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / 2.611		3 / 4.560		- / -		- / -		- / -		3 / 7.171								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / 2.700		3 / 4.639		- / -		- / -		3 / 7.339								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 1.800		2 / 3.100		- / -		2 / 4.900								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 2.761		3 / 4.730		3 / 7.491								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 5.000		2 / 5.000								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		1 / 2.200	1 / 6.350		4 / 7.200		3 / 6.820		- / -		3 / 6.820		3 / 7.111		3 / 7.260		3 / 6.439		2 / 5.861		5 / 9.730		25 / 58.971								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	1	-	-	-	1	1	-	1	2	-	1	1	1	-	-	-	3	-	-	2	1	-	-	1	2	-	-	1	1	5	25
Out	1	-	-	-	-	-	1	-	1	-	-	2	1	1	2	-	-	2	1	-	1	1	1	-	-	3	-	-	1	6	25

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million	Modification Nomenclature (Modification Number - Modification Title): 2 - DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)

Models of Systems Affected: AN/SPS-48G	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: DC009 - AN/SPS-48G RADAR OBSOLESCENCE AND AVAILABILITY RECOVERY (ROAR)				Method of Implementation: AIT				Installation Name: AN/SPS-48G HARDWARE - NON-FMP				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 2.200	- / -	- / -	1 / 2.166	0 / 0.000	1 / 2.166	- / -	- / -	- / -	- / -	- / -	2 / 4.366
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.400	- / -	1 / 2.400
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.500	1 / 2.500
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 2.200	- / -	- / -	1 / 2.166	- / -	1 / 2.166	- / -	- / -	- / -	1 / 2.400	1 / 2.500	4 / 9.266

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4
Out	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4

Footnotes:

(3) The unit cost increase for the AN/SPS-48G Hardware Procurement from FY13 to FY14 is due to the inclusion of funding for the refurbishment of a pair of Cross Field Amplifiers as well as the procurement of one Battle Field Tactical Trainer kit per AN/SPS-48G unit.

(4) FY13 and beyond Engineering Change Proposal funding is to incorporate High Diver Detection and Tracking functionality, as well as operation of the AN/SPS-48G within the LPD 17 class Advanced Enclosed Mast/System. Both of these capabilities were designed and incorporated in to the AN/SPS-48E after design of the AN/SPS-48G had been initiated. These changes now need to be translated into the different hardware and software architectures of the AN/SPS-48G.

(5) Engineering Change Orders (ECOs) will provide for Fleet recommended modifications and requirements. ECO funding will be required to address Information Assurance (IA) efforts including a change to a more secure operating system which must be accomplished in order to receive IA recertification. Non-recurring engineering and interoperability testing of this operating system change will take place in FY13-14, with initial fielding in FY15 and the majority of backfits in FY16-18.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (Modification Number - Modification Title): 3 - DC010 - AN/SPS-49 IN-SERVICE RADARS				
Models of Systems Affected: AN/SPS-49			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	17.909	0.150	0.520	-	-	-	-	-	-	-	-	18.579
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	17.909	0.150	0.520	-	-	-	-	-	-	-	-	18.579
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	17.909	0.150	0.520	-	-	-	-	-	-	-	-	18.579
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This funding continues and executes efforts funded under the Radar Improvement Program. This program addresses already realized obsolescence, cost, reliability and maintainability issues raised by the fleet for the AN/SPS-49(V) air search radar, initially introduced in the Navy in the 1970's. These funds support the completion of the AN/SPS-49 Solid State Modulator (SSM) program and provide funding to begin addressing serious obsolescence issues throughout the radar including already obsolete Circuit Card Assemblies (CCAs) and other electrical components, and ongoing reliability problems in the transmitter. An upgrade to the existing LHD 1 AN/SPS-49(V)5 radar is required for interoperability with the Ship Self Defense System (SSDS) MK II, and the current AN/SPS-49(V)5 radar will not support the CAPSTONE Combat System being installed aboard LHD 1. The SSM effort replaces the current modulator to address obsolescence and Unable to Procure (UTP) issues associated with the modulator installed in the AN/SPS-49(V) radar. This program also installs a previously procured AN/SPS-49A(V)1 Medium Pulse Upgrade (MPU) Kit on the existing AN/SPS-49(V)5 radar aboard LHD 1 required as part of the planned CAPSTONE upgrade to the LHD 1 Combat System. Without this upgrade, the SPS-49 will not be able to operate with the Ship Self Defense System (SSDS) being installed as part of CAPSTONE.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (Modification Number - Modification Title): 3 - DC010 - AN/SPS-49 IN-SERVICE RADARS				
Models of Systems Affected: AN/SPS-49				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
DC010 - AN/SPS-49 IN-SERVICE RADARS													
B Kits													
Recurring													
1.1.1) HARDWARE - FMP - NonOrganic	28 / 7.481	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 7.481	
1.1.2) OTHER - Organic	- / 3.340	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.340	
1.1.3) HARDWARE - NON-FMP - NonOrganic	5 / 0.938	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.938	
Subtotal Recurring	33 / 11.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 11.759	
Total, DC010 - AN/SPS-49 IN-SERVICE RADARS	33 / 11.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 11.759	
Total Procurement, All Modifications	33 / 11.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 11.759	
Total Procurement and Support	11.759	-	-	-	-	-	-	-	-	-	-	11.759	
DC010 - AN/SPS-49 IN-SERVICE RADARS Installation Cost	- / 6.150	- / 0.150	- / 0.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.820	
Total Installation Cost	- / 6.150	- / 0.150	- / 0.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.820	
Total Cost (Procurement + Support + Installation)	17.909	0.150	0.520	-	-	-	-	-	-	-	-	18.579	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million										Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - DC010 - AN/SPS-49 IN-SERVICE RADARS											
Models of Systems Affected: AN/SPS-49										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: DC010 - AN/SPS-49 IN-SERVICE RADARS																															
Manufacturer Name: POLARITY, INC															Manufacturer Location: RANCHO CORDOVA, CA																
Administrative Leadtime <i>(in Months)</i> : 0															Production Leadtime <i>(in Months)</i> : 24																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Aug 2011																													
Delivery Dates		Aug 2013																													
Installation: DC010 - AN/SPS-49 IN-SERVICE RADARS										Method of Implementation: [none specified]										Installation Name: Hardware											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		29 / 6.150		3 / 0.150		1 / 0.520		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		33 / 6.820					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		29 / 6.150		3 / 0.150		1 / 0.520		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		33 / 6.820					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	29	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
Out	29	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment			P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (Modification Number - Modification Title): 4 - DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)				
Models of Systems Affected: AN/SPS-74(V)			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	10.356	0.700	-	0.700	0.700	0.700	0.700	0.700	-	13.856
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	10.356	0.700	-	0.700	0.700	0.700	0.700	0.700	-	13.856
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	10.356	0.700	-	0.700	0.700	0.700	0.700	0.700	-	13.856
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR): The CVN Periscope Detection Radar (PDR), AN/SPS-74(V) is a radar that provides automatic detection and discrimination of submarine periscopes using advanced algorithms enabling discrimination of periscopes from surface contacts, buoys, small boats, floating mines, etc. Four Advanced Development Models (ADMs) have been installed and are operating on CVN class ships. The AN/SPS-74 program was cancelled in FY12. FY13 funding was redirected to begin planning and procurement of AN/SPQ-9B Periscope Detection and Discrimination (PDD) kits for CVN 68 - CVN 77; initiate AN/SPQ-9B modifications to support CVN combat system and display requirements; institute planning for directed sustainment and continued operation of installed AN/SPS-74 ADMs as well as eventual de-installation; and develop operating guidance for combined AN/SPQ-9B PDD and AN/SPS-74 ADM operation.												
[HARDWARE - FMP]												
[HARDWARE - NON-FMP] Funding is to procure one (1) shore site AN/SPS-74(V) Periscope Detection Radar system. The system was procured in FY12 under BLI 2040, and will be installed in this budget.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (Modification Number - Modification Title): 4 - DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)				
Models of Systems Affected: AN/SPS-74(V)			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604501N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)													
B Kits													
Recurring													
1.1.1) HARDWARE - FMP - NonOrganic ⁽⁶⁾	- / -	1 / -	1 / 6.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.528	
Subtotal Recurring	- / -	1 / -	1 / 6.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.528	
Total, DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)	- / -	1 / -	1 / 6.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.528	
Total Procurement, All Modifications	- / -	1 / -	1 / 6.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.528	
Support													
2.1) PRODUCTION SUPPORT	- / -	- / -	- / 1.098	- / 0.700	- / -	- / 0.700	- / 0.700	- / 0.700	- / 0.700	- / 0.700	- / -	- / 4.598	
Total Support, All Modifications	-	-	1.098	0.700	-	0.700	0.700	0.700	0.700	0.700	-	4.598	
Total Procurement and Support	-	-	7.626	0.700	-	0.700	0.700	0.700	0.700	0.700	-	11.126	
DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR) Installation Cost	- / 0.000	- / -	- / 2.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.730	
Total Installation Cost	- / 0.000	- / -	- / 2.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.730	
Total Cost (Procurement + Support + Installation)	0.000	-	10.356	0.700	-	0.700	0.700	0.700	0.700	0.700	-	13.856	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)																							
Models of Systems Affected: AN/SPS-74(V)				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N																							
Manufacturer Information: DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)																															
Manufacturer Name: 3 PHOENIX								Manufacturer Location: CHANTILLY, VA																							
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 13																							
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates			Mar 2013																												
Delivery Dates			Apr 2014																												
Installation: DC012 - AN/SPS-74(V) PERISCOPE DETECTION RADAR (PDR)				Method of Implementation: AIT				Installation Name: HARDWARE - FMP																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	1 / 1.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.220																			
FY 2013	- / -	- / -	- / 1.510	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.510																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	1 / 2.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.730																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
Out	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
Footnotes: ⁽⁶⁾ FMP: AN/SPS-74(V), Periscope Detection Radar (PDR) funding was realigned from BLI 2040 beginning in FY13. One system was procured in FY12 under BLI 2040.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)			

Models of Systems Affected: TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.900	1.400	1.400	1.389	-	1.389	1.416	1.497	1.500	1.500	13.278	24.280
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.900	1.400	1.400	1.389	-	1.389	1.416	1.497	1.500	1.500	13.278	24.280
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.900	1.400	1.400	1.389	-	1.389	1.416	1.497	1.500	1.500	13.278	24.280

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provides real-time valunumeric wind profiles, convective weather detection/display, and radar refractivity assessments from AN/SPY-1 radar returns. TEP will be an adjunct processor and display, tapping radar data from weather and refractivity data, with users able to post information to Secret Internet Protocol Router (SIPR). TEP installations begin in FY13, are aligned with AEGIS Modernization starting in FY14 and will continue beyond the FYDP.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (Modification Number - Modification Title): 5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				
Models of Systems Affected: TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)													
B Kits													
Recurring													
1.1.1) DDG HARDWARE - FMP - NonOrganic ⁽⁷⁾	1 / 0.345	- / -	- / -	2 / 0.725	- / -	2 / 0.725	1 / 0.369	2 / 0.750	2 / 0.763	2 / 0.781	25 / 10.108	35 / 13.841	
1.1.2) DDG COTS REFRESH - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.085	- / 0.170	- / 0.085	- / -	- / 0.340	
1.1.3) PRODUCTION SUPPORT - Organic	- / 0.555	- / 0.901	- / 1.255	- / 0.559	- / -	- / 0.559	- / 0.833	- / 0.553	- / 0.346	- / 0.407	- / -	- / 5.409	
1.1.4) TEP SHORE SITES HARDWARE - NonOrganic	- / -	3 / 0.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.499	
Subtotal Recurring	1 / 0.900	3 / 1.400	- / 1.255	2 / 1.284	- / -	2 / 1.284	1 / 1.202	2 / 1.388	2 / 1.279	2 / 1.273	25 / 10.108	38 / 20.089	
Total, DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)	1 / 0.900	3 / 1.400	- / 1.255	2 / 1.284	- / -	2 / 1.284	1 / 1.202	2 / 1.388	2 / 1.279	2 / 1.273	25 / 10.108	38 / 20.089	
Total Procurement, All Modifications	1 / 0.900	3 / 1.400	- / 1.255	2 / 1.284	- / -	2 / 1.284	1 / 1.202	2 / 1.388	2 / 1.279	2 / 1.273	25 / 10.108	38 / 20.089	
Total Procurement and Support	0.900	1.400	1.255	1.284	-	1.284	1.202	1.388	1.279	1.273	10.108	20.089	
DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP) Installation Cost	- / 0.000	- / -	- / 0.145	- / 0.105	- / -	- / 0.105	- / 0.214	- / 0.109	- / 0.221	- / 0.227	- / 3.170	- / 4.191	
Total Installation Cost	- / 0.000	- / -	- / 0.145	- / 0.105	- / -	- / 0.105	- / 0.214	- / 0.109	- / 0.221	- / 0.227	- / 3.170	- / 4.191	
Total Cost (Procurement + Support + Installation)	0.900	1.400	1.400	1.389	-	1.389	1.416	1.497	1.500	1.500	13.278	24.280	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)																							
Models of Systems Affected: TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)																															
Manufacturer Name: BASIC COMMERCE AND INDUSTRIES, INC								Manufacturer Location: MOORESTOWN, NJ																							
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 11																							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Jun 2012		Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017																								
Delivery Dates	May 2013		Nov 2014	Nov 2015	Nov 2016	Nov 2017	Nov 2018																								
Installation: DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				Method of Implementation: AIT				Installation Name: DDG HARDWARE - FMP																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	1 / 0.105	0 / 0.000	1 / 0.105	- / -	- / -	- / -	- / -	- / -	1 / 0.105																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.214	- / -	- / -	- / -	- / -	2 / 0.214																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.109	- / -	- / -	- / -	1 / 0.109																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.221	- / -	- / -	2 / 0.221																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.227	- / -	2 / 0.227																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.240	2 / 0.240																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 2.930	25 / 2.930																			
Total	- / -	- / -	- / -	1 / 0.105	- / -	1 / 0.105	2 / 0.214	1 / 0.109	2 / 0.221	2 / 0.227	27 / 3.170	35 / 4.046																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	-	-	-	1	1	-	-	1	1	-	27	35
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	-	1	-	-	-	1	-	29	35

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment		P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million		Modification Nomenclature (Modification Number - Modification Title): 5 - DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)
Models of Systems Affected: TACTICAL ENVIRONMENTAL PROCESSOR (TEP)		Type Modification: [No Modification Type Specified]		
Related RDT&E PEs:				

Installation: DC015 - TACTICAL ENVIRONMENTAL PROCESSOR (TEP)				Method of Implementation: [none specified]				Installation Name: TEP SHORE SITES HARDWARE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	3 / 0.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.145
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	3 / 0.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.145

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Out	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	

Footnotes:

(7) Due to rephasing of program, FY11 procured unit will be installed on DDG-51 in FY14.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (Modification Number - Modification Title): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS				
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604501N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	2.400	9.592	-	9.592	6.399	1.500	1.627	1.627	75.190	98.335
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	2.400	9.592	-	9.592	6.399	1.500	1.627	1.627	75.190	98.335
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	2.400	9.592	-	9.592	6.399	1.500	1.627	1.627	75.190	98.335
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DC018 AN/SPY-1 RM&A IMPROVEMENTS - These Reliability, Maintainability, and Availability (RM&A) improvements are intended to reduce cascading failures, mitigate obsolescence issues, and improve reliability in support of Anti-Air Warfare (AAW) and Ballistic Missile Defense (BMD) missions while still providing AN/SPY-1 Radar Total Ownership Cost (TOC) reductions. The improvements include, but are not limited to, installation for Sidewall Capacitor Circuit Protection and 10kW Traveling Wave Tube (TWT) Monitoring Circuits Ordnance Alterations (ORDALTS) starting in FY13 and Water Cooled Vane (WCV) to Double Duty (DD) conversion kits starting in FY15. AN/SPY-1 Pack Up Kits (PUKs) will consist of long lead and high failure parts which will be procured in FY14, then provided to and managed by Regional Maintenance Centers (RMCs).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million					Modification Nomenclature (Modification Number - Modification Title): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS				
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
DC018 - AN/SPY-1 RM&A IMPROVEMENTS													
B Kits													
Recurring													
1.1.1) SIDEWALL AND 10KW TWT DDG HARDWARE - NonOrganic ⁽⁸⁾	- / -	- / -	12 / 1.104	9 / 1.270	- / -	9 / 1.270	16 / 2.247	3 / 0.467	8 / 1.177	8 / 1.258	6 / 0.921	62 / 8.444	
1.1.2) PACK UP KITS - Organic	- / -	- / -	- / -	3 / 5.102	- / -	3 / 5.102	- / -	- / -	- / -	- / -	- / -	3 / 5.102	
1.1.3) PRODUCTION SUPPORT - Organic	- / -	- / -	- / 0.078	- / 0.540	- / -	- / 0.540	- / 0.364	- / 0.218	- / 0.236	- / 0.151	- / 0.155	- / 1.742	
1.1.4) SIDEWALL AND 10KW TWT CG HARDWARE - NonOrganic	- / -	- / -	- / -	8 / 2.124	- / -	8 / 2.124	2 / 0.555	- / -	- / -	- / -	- / -	10 / 2.679	
1.1.5) SIDEWALL AND 10KW TWT SHORE SITE HARDWARE - NonOrganic	- / -	- / -	8 / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.172	
1.1.6) WATER COOLED VANE (WCV) TO DOUBLE DUTY CONVERSION KITS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.281	- / -	- / -	- / -	28 / 73.135	29 / 75.416	
Subtotal Recurring	- / -	- / -	20 / 2.354	20 / 9.036	- / -	20 / 9.036	19 / 5.447	3 / 0.685	8 / 1.413	8 / 1.409	34 / 74.211	112 / 94.555	
Total, DC018 - AN/SPY-1 RM&A IMPROVEMENTS	- / -	- / -	20 / 2.354	20 / 9.036	- / -	20 / 9.036	19 / 5.447	3 / 0.685	8 / 1.413	8 / 1.409	34 / 74.211	112 / 94.555	
Total Procurement, All Modifications	- / -	- / -	20 / 2.354	20 / 9.036	- / -	20 / 9.036	19 / 5.447	3 / 0.685	8 / 1.413	8 / 1.409	34 / 74.211	112 / 94.555	
Total Procurement and Support	-	-	2.354	9.036	-	9.036	5.447	0.685	1.413	1.409	74.211	94.555	
DC018 - AN/SPY-1 RM&A IMPROVEMENTS Installation Cost	- / 0.000	- / -	- / 0.046	- / 0.556	- / -	- / 0.556	- / 0.952	- / 0.815	- / 0.214	- / 0.218	- / 0.979	- / 3.780	
Total Installation Cost	- / 0.000	- / -	- / 0.046	- / 0.556	- / -	- / 0.556	- / 0.952	- / 0.815	- / 0.214	- / 0.218	- / 0.979	- / 3.780	
Total Cost (Procurement + Support + Installation)	0.000	-	2.400	9.592	-	9.592	6.399	1.500	1.627	1.627	75.190	98.335	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS																							
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N																							
Manufacturer Information: DC018 - AN/SPY-1 RM&A IMPROVEMENTS																															
Manufacturer Name: RAYTHEON								Manufacturer Location: SUDBURY, MA																							
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 9																							
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates				Dec 2012		Nov 2013		Nov 2014		Nov 2015		Nov 2016		Nov 2017																	
Delivery Dates				Sep 2013		Aug 2014		Aug 2015		Aug 2016		Aug 2017		Aug 2018																	
Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS				Method of Implementation: AIT						Installation Name: SIDEWALL AND 10KW TWT DDG HARDWARE																					
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	12 / 0.525	- / -	12 / 0.525	- / -	- / -	- / -	- / -	- / -	12 / 0.525																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.311	- / -	- / -	- / -	- / -	9 / 0.311																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.602	- / -	- / -	- / -	16 / 0.602																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.075	2 / 0.092	- / -	- / -	3 / 0.167																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.122	4 / 0.124	- / -	8 / 0.246																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.094	6 / 0.093	8 / 0.187																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.222	6 / 0.222																		
Total		- / -	- / -	- / -	12 / 0.525	- / -	12 / 0.525	9 / 0.311	17 / 0.677	6 / 0.214	6 / 0.218	12 / 0.315	62 / 2.260																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	4	2	6	-	-	3	6	-	5	3	8	1	-	-	2	4	2	-	2	2	12	62
Out	-	-	-	-	-	-	-	-	-	4	2	6	-	-	3	6	-	5	3	8	1	-	-	2	4	2	-	2	2	12	62

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment				P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS				
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604501N				

Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS				Method of Implementation: AIT				Installation Name: SIDEWALL AND 10KW TWT CG HARDWARE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.621	- / -	- / -	- / -	- / -	8 / 0.621
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.138	- / -	- / -	- / -	2 / 0.138
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.621	2 / 0.138	- / -	- / -	- / -	10 / 0.759

Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	10
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	10

Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS				Method of Implementation: AIT				Installation Name: SIDEWALL AND 10KW TWT SHORE SITE HARDWARE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	4 / 0.046	4 / 0.031	- / -	4 / 0.031	- / -	- / -	- / -	- / -	- / -	8 / 0.077
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment	P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604501N

Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS										Method of Implementation: AIT										Installation Name: SIDEWALL AND 10KW TWT SHORE SITE HARDWARE											
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	4 / 0.046	4 / 0.031	- / -	4 / 0.031	- / -	- / -	- / -	- / -	- / -	8 / 0.077																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
Out	-	-	-	-	-	-	-	-	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	

Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS			Method of Implementation: [none specified]					Installation Name: WATER COOLED VANE (WCV) TO DOUBLE DUTY CONVERSION KITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.020	- / -	- / -	- / -	- / -	1 / 0.020
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.664	28 / 0.664
Total	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.020	- / -	- / -	- / -	28 / 0.664	29 / 0.684

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 10: Other Shore Electronic Equipment										P-1 Line Item Nomenclature: 2980 - Items less than \$5 Million										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - DC018 - AN/SPY-1 RM&A IMPROVEMENTS											
Models of Systems Affected: AN/SPY-1 RM&A IMPROVEMENTS										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604501N											
Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS										Method of Implementation: [none specified]										Installation Name: WATER COOLED VANE (WCV) TO DOUBLE DUTY CONVERSION KITS											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	28	29
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	28	29
Footnotes: (⁸) Sidewall Capacitor ORDALT is not required for all CGs. The 10KW TWT ORDALT is not required for those destroyers undergoing AEGIS modernization with ORDALT 8778, but those ships still require the sidewall capacitor ORDALT. ORDALT kit procurement quantities have been updated due to changes in unit costs based on negotiated contract price, as well as changes in ship's availability schedules. The Water Cooled Vane (WCV) to Double Duty Conversion Kit shore site procurement added in FY15 is a recently approved SPY-1 RM&A initiative.																															
Installation: DC018 - AN/SPY-1 RM&A IMPROVEMENTS										Method of Implementation: Organic - PACK UP KITS										Installation Quantity: 3											

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications							P-1 Line Item Nomenclature: 3010 - Shipboard Tactical Comms						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604280N					
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	1.494	-	-	-	-	3.973	6.050	9.007	17.918	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	1.494	-	-	-	-	3.973	6.050	9.007	17.918	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	1.494	-	-	-	-	3.973	6.050	9.007	17.918	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	0.286	0.209	-	-	-	0.217	0.145	-	-	-	0.857	
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Digital Modular Radio (DMR) - DN105: The DMR is a 2 Mega hertz (MHz) to 2 Gigahertz (GHz) software defined radio that provides Ultra High Frequency (UHF) Satellite Communications, Line of Sight (LOS) and High Frequency (HF) communication capability to surface, submarine, and shore facilities.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Shipboard Tactical Comms	P40A, P5A				0.000			1.494			-			-			-			-
Total Gross/Weapon System Cost					0.000			1.494			-			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
Beginning in FY15, funding is provided to implement the UHF Demand Assigned Multiple Access Satellite Communications Integrated Waveform circuits in order to operate in joint networks.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3010 - Shipboard Tactical Comms								Aggregated Item Name: Shipboard Tactical Comms				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) DN105 DMR HFDAG																				
† 1.1) DMR HFDAG Procurement	A		-	-	-	1,307.000	1	1.307	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) DN105 DMR HFDAG					-			1.307			-			-			-			-
2) DN105 DMR IW Upgrade																				
2.1) DMR IW Upgrade Procurement	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) DN105 DMR IW Upgrade					0.000			-			-			-			-			-
3) DMR HF ALE																				
3.1) DMR HF ALE Procurement	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) DMR HF ALE					0.000			-			-			-			-			-
4) DN555 Production Support																				
4.1) DMR HFDAG Production Support	A		-	-	-	-	-	0.077	-	-	-	-	-	-	-	-	-	-	-	-
4.2) DMR IW Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) DMR HF ALE Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) DN555 Production Support					0.000			0.077			-			-			-			-
5) DN777 DSA/PRE Shore Installation Design																				
5.1) DMR HFDAG DSA/ Pre Shore Installation Design	A		-	-	-	-	-	0.060	-	-	-	-	-	-	-	-	-	-	-	-
5.2) DMR IW DSA/ Pre Shore Installation Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) DN777 DSA/ PRE Shore Installation Design					0.000			0.060			-			-			-			-
6) DN777 Installation FMP																				
6.1) DMR HFDAG Installation FMP	A		-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-
6.2) DMR IW Installation FMP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) DMR HF ALE Installation FMP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications					P-1 Line Item Nomenclature: 3010 - Shipboard Tactical Comms										Aggregated Item Name: Shipboard Tactical Comms					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal 6) DN777 Installation FMP					0.000			0.050			-			-			-			-
Total					0.000			1.494			-			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3010 - Shipboard Tactical Comms					Aggregated Item Name: Shipboard Tactical Comms			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K.)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) DN105 DMR HFDAG												
1.1) DMR HFDAG Procurement		2012	Thales / Clarksburg, MD	SS / FFP	SPAWAR	Aug 2012	May 2013	1	1,307.000	Y		May 2012

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications							P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0204163N				
MDAP/MAIS Code(s): 290												
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,129.256	274.112	56.870	23.877	-	23.877	22.932	30.784	25.566	24.831	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,129.256	274.112	56.870	23.877	-	23.877	22.932	30.784	25.566	24.831	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,129.256	274.112	56.870	23.877	-	23.877	22.932	30.784	25.566	24.831	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	4.777	3.857	0.103	-	0.103	0.088	0.088	0.086	-	-	8.999
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 Ship Communication Automation (52PQ): With the evolution of afloat networks programs migrating into the Consolidated Afloat Networks and Enterprise Services (CANES) program , the Ship Communications Automation budget line will provide even more comprehensive capabilities across the fleet. While the networks capabilities of the Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M), Submarine Local Area Network (SubLAN), Automated Digital Network System (ADNS), and their associated personal computer hardware and software continue to be supported, CANES will reduce the infrastructure footprint and collapse a significant amount of afloat networks through the use of mature cross domain technologies. Command and Control Official Information eXchange (C2OIX) (formerly Tactical Messaging) automates and increases the speed and efficiency of handling organizational message traffic aboard ships and submarines. C2OIX will continue to satisfy the same requirements and implement products that are developed with an open system architecture and are conducive to technological upgrades. C2OIX products replace the older Naval Modular Automated Communication System and Tactical Messaging, which lack the speed and capacity to handle current message traffic loads during periods of accelerated combat operations. The Tactical Switching program will continue to procure and field Increment II upgrades enabling Navy Regional Network Operation Security Center's direct access to all Internet Protocol services.

ADNS transferred to LI 2915 in FY13.

[P40A / PQ068 SCI Networks]: Sensitive Compartmented Information (SCI) Networks (PQ068/PQGWT): SCI Networks provides tactical cryptologic systems and intelligence systems with protected and reliable delivery of SI/SCI data through a secure, controllable, network interface with the general service ADNS architecture. This network interface provides special intelligence shipboard analysts access to national, service strategic and tactical databases critical to the execution of their indications and warning mission and their critical input to the "kill chain" process. SCI Networks is the transport medium where critical special intelligence data is provided to the war fighter decision makers. This information moves from point of acquisition or origin to the decision point via SCI Networks. SCI Networks provides full and common network "enterprise" services for shipboard and submarine SCI LANs, including send mail interfaces, file transfer protocols, interactive chat, and web services. Common Personal Computer Operating System Environment (COMPOSE) provides a server and client operating system environment for other applications and collaborative tools such as same time chat. Fully transition to CANES in FY14.

SCI Network Operation Centers (NOCs) serve as the managed gateway between the afloat network environment and the larger shore and joint community, providing the only access to the Joint Worldwide Intelligence Communications System and National Security Agency networks. They provide internet service provider-like services, such as email store and forward, web cache, domain name service, file

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204163N
MDAP/MAIS Code(s): 290		
transfer services, and network security. The two regional SCI NOC sites, located at Norfolk and Wahiawa, and the four Broadcast Control Authorities at Norfolk, Naples, Hawaii and Yokosuka are critical in the national and tactical exchange of intelligence information. [P3A / PQ007 ISNS Afloat]: Integrated Shipboard Network Systems (ISNS): The ISNS Increment I provides Navy ships with reliable, high-speed SECRET and UNCLASSIFIED Local Area Networks, providing the network infrastructure to include common computing environment (hardware, routers, servers, switches, printers, PCs and drops), basic network information distribution services and access to the Defense Information Systems Network Wide Area Network (Secure and Non-secure Internet Protocol Router Network) which are used by early adopter programs and other hosted applications or systems such as Naval Tactical Command Support System, Global Command and Control System - Maritime, Defense Message System, Navy Standard Integrated Personnel System, Naval Mission Planning System, Theater Battle Management Core Systems, Undersea Warfare Decision Support System, Distributed Common Ground System - Navy, Automatic Identification System and Tactical Tomahawk Weapons Control System. ISNS provides real-time information/data exchange within the ship and between afloat units, component commanders, ashore commanders and fleet commanders, and is a key factor in the implementation of the Navy's portion of Joint Vision 2020. ISNS will support the Wireless Reachback System infrastructure previously known as Enhanced Maritime Intercept Operations infrastructure, wireless infrastructure, and any software/hardware changes to address end-of-life and security issues. ISNS will provide Distance Support for afloat hardware infrastructure associated with Navy Information Application Product Suite servers, clients, access points, and afloat connectivity. The Common Personal Computer Operating System Environment provides a server and client operating system environment for other applications and collaborative tools such as same time chat, Domino and Command and Control Personal Computer as a means to share a common operational picture and exchange information using collaboration at sea. ISNS Increment 2/CANES will transition numerous fleet networks to a single, adaptive, available, secure computing network infrastructure while delivering enhanced technologies to integrated voice, video, and data; common computing environment; service oriented architecture; and multi level secure/cross domain solutions. ISNS Increment 2/CANES will serve as the replacement for ISNS Increment 1, CENTRIXS-M, and SCI networks. Fully transition to CANES in FY13. [P3A / PQ007 CENTRIXS-M AFLOAT]: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M) (PQ007/PQOCO): The CENTRIXS program provides Navy ships with secure, reliable, high-speed Local Area Network (LAN) with access to the coalition Wide Area Networks (WAN) to include CENTRIXS Four-Eyes, Global Counter Terrorism Task Force, NATO Information Data Transfer System, Multinational Coalition Force - Iraq, bilateral networks such as CENTRIX - US/Japan and CENTRIX - US/Korea, and communities of interest virtual networks such as Coalition Naval Forces - CENTCOM, and Cooperative Maritime Forces - Pacific. The CENTRIXS system provides real-time tactical and operational information sharing at the secret and secret releasable level between naval afloat units, component commanders, fleet commanders, numbered fleet commanders and coalition forces/allies. When the CENTRIXS network is combined with other subsystems (radio/satellite communications), it delivers an end-to-end network centric war fighting capability. Beginning in FY11, CENTRIXS will include migration to a Non-Class Enclave to provide in-demand capability to exchange information with traditional military Inter-Governmental organizations and Non-Governmental Organizations involved in humanitarian and disaster relief, anti-piracy, and white class shipping by leveraging Automatic Identification System information to develop a Common Operational Picture to be shared among coalition partners. The CENTRIXS program is comprised of Block 0, I and II systems fielded across the fleet, and Increment 1 which will provide a network infrastructure that allows simultaneous access to multiple coalition WANs and incorporates the Common Personal Computer Operating System Environment (COMPOSE). COMPOSE provides a server and client operating system environment for other applications and collaborative tools such as same time chat, Domino and Command and Control Personal Computer (C2PC) as a means to share a common operational picture and exchange information using collaboration at sea. The CENTRIXS program uses both Commercial Off-the-Shelf (COTS) hardware and software and open standards to maximize commercial technology and support. In-service engineering and technical support ensures existing systems are upgraded and modified to keep pace with current technology and industry. Fully transitions to CANES in FY13. [P3A / PQ007 SUBLAN]: Submarine Local Area Network (SubLAN): The SubLAN program provides Navy submarines with reliable, high-speed mission critical secret and mission essential unclassified Local Area Networks (LAN). When the SubLAN network is combined with other subsystems, it will deliver an end to end network-centric warfare capability by hosting applications capable of connectivity with coalition communications enclaves. The SubLAN program provides network infrastructure including an unclassified wireless LAN, servers, and the COMPOSE, which provides the operating system, office automation, security, and other basic network services used by all hosted applications. SubLAN will provide distance support for afloat hardware infrastructure associated with Navy Information Application Product Suite servers, clients, access points, and afloat connectivity. Fully transitions to CANES in FY14. [P3A / PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II]: ADNS provides routing, switching, baseband, configuration and monitoring capabilities for interconnecting naval and coalition enclaves worldwide. ADNS utilizes Commercial Off-the-Shelf/ Government Off-the-Shelf (COTS/GOTS) equipment and network protocols as specified by the joint technical architecture. ADNS Increment I provides initial limited, ship to shore IP connectivity, separation of enclaves, reuse of unused enclave bandwidth, and ship to tactical shore IP connectivity. ADNS Increment II provides additional capabilities of load balancing, Radio Frequency (RF) restoral, initial Quality of Service (QoS) to include application prioritization, initial traffic management, and enhancements designed to maximize use of "effective" available bandwidth for surface, shore, and airborne platforms. ADNS Increment III will converge all Navy tactical voice, video, and data requirements into a converged IP data stream. This includes SCIP-IWF for		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204163N
MDAP/MAIS Code(s): 290		
secure telephony over IP, as well as Video Information Exchange System for secure video over IP. In addition, the Increment III architecture will incorporate an IPv4/IPv6 dual stack and a cipher text security architecture to align to the Global Information Grid (GIG) in order to mesh Navy tactical surface, subsurface, and airborne platforms into a single IP environment with gateway functions to joint and coalition networks. ADNS Increment III will serve as the Navy tactical interface (Gateway) for IP networking with transformational satellite, Joint Tactical Radio System, High Assurance Internet Protocol Encrypter, and Advanced Extremely High Frequency. The ADNS Program transfers from LI 3050 to CANES LI 2915 beginning in FY13 and out. [P3A / PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Afloat]: C2OIX automates and increases the speed and efficiency of handling organizational message traffic aboard ships and submarines. C2OIX will continue to satisfy the same requirements and implements products that are developed with an open system architecture and are conducive to technological upgrades. C2OIX products replace the older Naval Modular Automated Communication System (NAVMACS) which lack the speed and capacity to handle current message traffic loads during periods of accelerated combat operations. Procurement and installation of NAVMACS 3.2 is in preparation of transition to OSD mandated C2OIX. NAVMACS 3.2 is the baseline that integrates NAVMACS, the afloat messaging system, with Navy Regional Enterprise Messaging System, the shore messaging system, establishing a single end-to-end messaging system that will enable footprint reduction and energy efficiencies aboard ships as well as on shore sites and reduce sustainment costs once C2OIX is fully fielded. In FY14, the program will fund C2OIX equipment procurements and installations. [P3A / PQ070 Tactical Switching]: Tactical Switching Ashore (TSw): Provides the switching and bandwidth management components of high capacity interoperable communications, as the number one fleet commander requirement in the Navy-wide Command, Control, Communications, Computers and Intelligence (C4I) and information warfare joint mission area assessment. Provides for the shore segment interconnect of an end-to-end dynamic bandwidth management, Internet Protocol, and channel access protocol capability to deploying battle groups, amphibious ready groups, and other support units. Automates the major shore nodes which allow network centric and no emissions operations. Provides afloat interoperability of tactical and strategic C4I circuits with Marine Corps Ground Mobile Forces (GMF). Tactical Switching which includes GMF interoperability, automated network control center, automated technical control, automated digital multiplexer system, and the fleet Network Operation Centers is the key enabling mechanism for the execution of the Automated Digital Network System and Consolidated Afloat Networks and Enterprise Services strategy which is essential to meeting the information technology for the 21st Century C4I vision. Tactical Switching deploys an Enterprise Network Management System (ENMS) which provides enterprise-wide network monitoring, management, and automated problem resolution for the shore network infrastructure during a benign and/or denied operating environment. Tactical Switching system capabilities allow flexible, secure and reliable communications for voice, video, and data applications for Navy terrestrial Radio Frequency links and pier side connectivity. Increment II: The Tactical Switching plan replaces selected obsolete 1970's based shore equipment with current Commercial Off-the-Shelf/Government Off-the-Shelf (COTS/GOTS) products which comply with DoD Global Information Grid (GIG) and teleport architectures and standards that have demonstrated interoperability with DoD and joint systems. Procurement of these state of the art products converge circuit-based communications to a DoD standardized, integrated, and interoperable Internet Protocol (IP) network. Tactical Switching will migrate selected shore sites and their terrestrial interconnections into a coherent, scalable, network-centric capability. In FY14, Tactical Switching procurements will provide expansion of ENMS, IP Services, and Transport via the NTWAN to additional customers, increasing services, and adding systems to provide a holistic Network Management status. These procurements will reduce the Navy's dependency on legacy serial transport and continue the migration to an IP interoperability and integration between Navy forces to support full network centric warfare. Tactical Switching will provide full direct access for Navy warfighters through the Navy Regional Network Operations and Security Centers to the all IP GIG for full warfighting application data exchange and provide server consolidation ashore to support a common computing environment. Tactical Switching will also provide the mechanism for dynamically and automatically managed real time integrated information assurance and security and mitigate vulnerabilities within the Navy shore regions. Quality of Service enabled traffic flow prioritization and fully automated dynamic bandwidth management will also be provided. Tactical Switching strategy is to maximize the use of joint infrastructures. Tactical Switching will maximize the Defense Information Systems Network Core for unified Navy transport, allowing for route diversification and distributed joint services allowing access anywhere via distributed services.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0204163N									
MDAP/MAIS Code(s): 290																					
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Ship Communications Automation	P40A, P5A				195.753			23.082			1.716			-			-			-	
1 - PQ007 ISNS Afloat	P3A				764.341			117.147			-			-			-			-	
2 - PQ007 ISNS Shore	P3A				10.572			1.462			-			-			-			-	
3 - PQ007 CENTRIXS-M AFLOAT	P3A				101.283			10.850			-			-			-			-	
4 - PQ007 SUBLAN	P3A				271.734			44.458			30.071			-			-			-	
5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II	P3A				309.187			3.433			-			-			-			-	
6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II	P3A				58.661			0.400			-			-			-			-	
7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III	P3A				67.538			36.411			-			-			-			-	
8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III	P3A				16.743			9.169			-			-			-			-	
9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo	P3A				141.528			2.743			5.217			3.732			-			3.732	
10 - PQ065 Tactical Messaging Ashore	P3A				0.000			2.121			-			-			-			-	
11 - PQ070 Tactical Switching	P3A				191.916			22.836			19.866			20.145			-			20.145	
Total Gross/Weapon System Cost					2,129.256			274.112			56.870			23.877			-			23.877	
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Ship Communications Automation	P40A, P5A				-			-			-			-			-			-	
1 - PQ007 ISNS Afloat	P3A				-			-			-			-			-			881.488	
2 - PQ007 ISNS Shore	P3A				-			-			-			-			-			12.034	
3 - PQ007 CENTRIXS-M AFLOAT	P3A				-			-			-			-			-			112.133	
4 - PQ007 SUBLAN	P3A				-			-			-			-			-			346.263	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0204163N										
MDAP/MAIS Code(s): 290																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II	P3A				-			-			-			-			-			312.620
6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II	P3A				-			-			-			-			-			59.061
7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III	P3A				-			-			-			-			-			103.949
8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III	P3A				-			-			-			-			-			25.912
9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo	P3A				3.796			4.069			4.151			4.093	Continuing			Continuing		
10 - PQ065 Tactical Messaging Ashore	P3A				-			-			-			-			-			2.121
11 - PQ070 Tactical Switching	P3A				19.136			26.715			21.415			20.738	Continuing			Continuing		
Total Gross/Weapon System Cost					22.932			30.784			25.566			24.831	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
In FY14, Tactical Switching procurements will provide expansion of Enterprise Network Management System (ENMS), Internet Protocol (IP) Services, and Transport via the Navy Tactical Wide Area Network (NTWAN) to additional customers, increasing services, and adding systems to provide a holistic Network Management status. These procurements will reduce the Navy's dependency on legacy serial transport and continue the migration to an IP interoperability and integration between Navy forces to support full network centric warfare. Tactical Switching will provide full direct access for Navy warfighters through the Navy Regional Network Operations and Security Centers to the all IP Global Information Grid (GIG) for full warfighting application data exchange and provide server consolidation ashore to support a common computing environment. Tactical Switching will also provide the mechanism for dynamically and automatically managed real time integrated information assurance and security and mitigate vulnerabilities within the Navy shore regions. Quality of Service enabled traffic flow prioritization and fully automated dynamic bandwidth management will also be provided. Tactical Switching strategy is to maximize the use of joint infrastructures. Tactical Switching will maximize the Defense Information Systems Network Core for unified Navy transport, allowing for route diversification and distributed joint services allowing access anywhere via distributed services.

In FY14, C2OIX will fund C2OIX equipment procurements and installations.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3050 - Ship Communications Automation								Aggregated Item Name: Ship Communications Automation					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
1) PQ068 SCI Networks																					
† 1.1) SCI Networks (Ashore) ⁽¹⁾	A		117.804	56	6.597	25.000	2	0.050	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.2) SCI Networks (Afloat) ⁽²⁾	A		242.433	510	123.641	408.256	43	17.555	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) PQ068 SCI Networks							130.238			17.605			-			-				-	
2) PQ555 Production Support																					
2.1) SCI Networks (Afloat)	A		-	-	7.029	-	-	0.801	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) PQ555 Production Support							7.029			0.801			-			-				-	
3) PQ777 FMP Install																					
3.1) SCI Networks (Afloat) ⁽³⁾	A		-	-	45.206	-	-	4.366	-	-	1.716	-	-	-	-	-	-	-	-	-	
Subtotal 3) PQ777 FMP Install							45.206			4.366			1.716			-				-	
4) PQ777 DSA Install																					
4.1) SCI Networks (Afloat)	A		-	-	9.137	-	-	0.178	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) PQ777 DSA Install							9.137			0.178			-			-				-	
5) PQ776 Non-FMP Install																					
5.1) SCI Networks (Ashore)	A		-	-	4.143	-	-	0.132	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) PQ776 Non-FMP Install							4.143			0.132			-			-				-	
Total							195.753			23.082			1.716			-				-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3050 - Ship Communications Automation							Aggregated Item Name: Ship Communications Automation					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) PQ068 SCI Networks																				
† 1.1) SCI Networks (Ashore) ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) SCI Networks (Afloat) ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) PQ068 SCI Networks					-			-			-			-			-			-
2) PQ555 Production Support																				
2.1) SCI Networks (Afloat)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) PQ555 Production Support					-			-			-			-			-			-
3) PQ777 FMP Install																				
3.1) SCI Networks (Afloat) ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) PQ777 FMP Install					-			-			-			-			-			-
4) PQ777 DSA Install																				
4.1) SCI Networks (Afloat)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) PQ777 DSA Install					-			-			-			-			-			-
5) PQ776 Non-FMP Install																				
5.1) SCI Networks (Ashore)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) PQ776 Non-FMP Install					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) Funding fully transitions to CANES FY14 and out. (2) Funding fully transitions to CANES FY14 and out. (3) Funding fully transitions to CANES FY14 and out.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Aggregated Item Name: Ship Communications Automation			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) PQ068 SCI Networks												
1.1) SCI Networks (Ashore)		2012	SAIC / San Diego, CA	C / CPIF	SPAWAR	Nov 2011	Jan 2012	2	25.000	Y		Mar 2009
1.2) SCI Networks (Afloat)		2012	SAIC / San Diego, CA	C / CPIF	SPAWAR	Nov 2011	Feb 2012	43	408.256	Y		Mar 2009

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - PQ007 ISNS Afloat			
Models of Systems Affected: Integrated Shipboard Network System (ISNS)			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	764.341	117.147	-	-	-	-	-	-	-	-	-	881.488
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	764.341	117.147	-	-	-	-	-	-	-	-	-	881.488
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	764.341	117.147	-	-	-	-	-	-	-	-	-	881.488
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides modern, centrally managed network systems to replace aging Local Area Network (LAN) systems for Battle Group (BG) and non-BG ships and embarking Marine Corps units. Application subsystems include financial/inventory management, organizational and surface maintenance management, and administrative information systems support. ISNS will support the Wireless Reachback System (WRBS) (formerly known as Expanded Maritime Intercept Operations (EMIO)) in addition to DMS proxy capabilities. ISNS will provide a secure video teleconferencing (VTC) capability that provides multi-point secure VTC between afloat commanders, CNO, Fleet Combatant and Joint Task Force Components.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications			P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 1 - PQ007 ISNS Afloat				
Models of Systems Affected: Integrated Shipboard Network System (ISNS)			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
PQ007 ISNS Afloat												
B Kits												
Recurring												
1.1.1) ISNS - Equipment - NonOrganic ⁽⁴⁾	606 / 674.027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	606 / 674.027
1.1.2) ISNS - 3 Year Refresh - NonOrganic	- / -	4 / 6.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 6.430
1.1.3) SLEP - Server and/or PC Refresh - NonOrganic	- / -	109 / 44.217	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	109 / 44.217
1.1.4) SIPR PKI / CLO - NonOrganic	- / -	41 / 1.831	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 1.831
Subtotal Recurring	606 / 674.027	154 / 52.478	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	760 / 726.505
Total, PQ007 ISNS Afloat	606 / 674.027	154 / 52.478	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	760 / 726.505
Total Procurement, All Modifications	606 / 674.027	154 / 52.478	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	760 / 726.505
Support												
2.1) Production Support	- / 34.438	- / 5.689	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 40.127
2.2) DSA	- / 55.876	- / 3.794	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 59.670
Total Support, All Modifications	90.314	9.483	-	-	-	-	-	-	-	-	-	99.797
Total Procurement and Support	764.341	61.961	-	-	-	-	-	-	-	-	-	826.302
PQ007 ISNS Afloat Installation Cost	- / 0.000	- / 55.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 55.186
Total Installation Cost	- / 0.000	- / 55.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 55.186
Total Cost (Procurement + Support + Installation)	764.341	117.147	-	-	-	-	-	-	-	-	-	881.488

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation		Modification Nomenclature (Modification Number - Modification Title): 1 - PQ007 ISNS Afloat	
Models of Systems Affected: Integrated Shipboard Network System (ISNS)		Type Modification: [No Modification Type Specified]			
				Related RDT&E PEs:	

Manufacturer Information: PQ007 ISNS Afloat							
Manufacturer Name: SSC LANT/Various ⁽⁵⁾				Manufacturer Location: Charleston, SC			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Nov 2011						
Delivery Dates	Dec 2011						

Installation: PQ007 ISNS Afloat			Method of Implementation: ISNS					Installation Name: Installation of Equipment - ISNS Afloat				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	5 / 30.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 30.427
FY 2012	- / -	154 / 24.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	154 / 24.759
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	159 / 55.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	159 / 55.186

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	601	1	3	12	35	22	32	41	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	760	
Out	598	3	3	11	24	26	31	37	18	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	760	

Footnotes:

⁽⁴⁾ 1) Installs occurring beyond 1QFY13 result from slip in ship availability schedules and changes to the CANES fielding plan. The platforms receiving these delayed legacy installs will not receive CANES capability until well after the timeframe of the current install and are the only remaining platforms that require the legacy system capability extension. 2) Funding fully transitions to CANES FY13 and out.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - PQ007 ISNS Afloat
Models of Systems Affected: Integrated Shipboard Network System (ISNS)	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽⁵⁾ FY12 ISNS Contractor/location represents an updated contract strategy to coincide with server/PC refresh equipment, which involve multiple IDIQ contracts dependent on the specific equipment/manufacturer being procured.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - PQ007 ISNS Shore			
Models of Systems Affected: Integrated Shipboard Network System (ISNS)			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.572	1.462	-	-	-	-	-	-	-	-	-	12.034
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.572	1.462	-	-	-	-	-	-	-	-	-	12.034
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.572	1.462	-	-	-	-	-	-	-	-	-	12.034
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides Technical Training and Equipment (TTE) for schoolhouses which require upgrades for ISNS systems. Application subsystems include financial/inventory management, organizational and surface maintenance management, and administrative information systems support.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications			P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 2 - PQ007 ISNS Shore				
Models of Systems Affected: Integrated Shipboard Network System (ISNS)			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
PQ007 ISNS Shore												
B Kits												
Recurring												
1.1.1) Equipment - ISNS - NonOrganic ⁽⁶⁾	10 / 6.202	3 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 6.774
Subtotal Recurring	10 / 6.202	3 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 6.774
Total, PQ007 ISNS Shore	10 / 6.202	3 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 6.774
Total Procurement, All Modifications	10 / 6.202	3 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 6.774
Support												
2.1) Production Support	- / 0.310	- / 0.026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.336
Total Support, All Modifications	0.310	0.026	-	-	-	-	-	-	-	-	-	0.336
Total Procurement and Support	6.512	0.598	-	-	-	-	-	-	-	-	-	7.110
PQ007 ISNS Shore Installation Cost	- / 4.060	- / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.924
Total Installation Cost	- / 4.060	- / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.924
Total Cost (Procurement + Support + Installation)	10.572	1.462	-	-	-	-	-	-	-	-	-	12.034

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - PQ007 ISNS Shore		
Models of Systems Affected: Integrated Shipboard Network System (ISNS)		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		

Manufacturer Information: PQ007 ISNS Shore							
Manufacturer Name: SSC LANT ⁽⁷⁾				Manufacturer Location: Charleston, SC			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Nov 2011						
Delivery Dates	Dec 2011						

Installation: PQ007 ISNS Shore				Method of Implementation: Method				Installation Name: Installation of Equipment - ISNS Ashore				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	10 / 4.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.060
FY 2012	- / -	3 / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.864
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	10 / 4.060	3 / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 4.924

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	10	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
Out	10	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	

Footnotes:
⁽⁶⁾ 1/ Average unit cost fluctuations are due to varying system configuration requirements for scheduled tech refresh/upgrades to support new capabilities and End of Life (EOL) hardware and software requirements. 2/ Funding fully transitions to CANES (BLI 2915 and BLI 2925) FY13 and out.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - PQ007 ISNS Shore
Models of Systems Affected: Integrated Shipboard Network System (ISNS)	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
(7) 1/ FY12 ISNS Contractor/Location represents an updated contract strategy to coincide with Server/PC refresh equipment, which involve multiple IDIQ contracts dependent on the specific equipment/ manufacturer being procured.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - PQ007 CENTRIXS-M AFLOAT				
Models of Systems Affected: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M)				Type Modification: CENTRIXS-M - Afloat				Related RDT&E PEs:				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	101.283	10.850	-	-	-	-	-	-	-	-	-	112.133
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	101.283	10.850	-	-	-	-	-	-	-	-	-	112.133
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	101.283	10.850	-	-	-	-	-	-	-	-	-	112.133

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
 Program provides Navy ships with a reliable, high-speed Local Area Network (LAN) that will provide access to the coalition WAN.
 The CENTRIXS-M program maximizes the use of both COTS software and hardware, including Maritime Domain Awareness (MDA) Fly Away Kits (FAK) and Non Class Enclave (NCE) FAKs.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 3 - PQ007 CENTRIXS-M AFLOAT				
Models of Systems Affected: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M)				Type Modification: CENTRIXS-M - Afloat				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ007 CENTRIXS-M AFLOAT													
B Kits													
Recurring													
1.1.1) CENTRIXS - EQUIPMENT - BLK 0 - NonOrganic (8)	58 / 12.760	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	58 / 12.760	
1.1.2) CENTRIXS - EQUIPMENT - BLK 1 - NonOrganic	19 / 5.734	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 5.734	
1.1.3) CENTRIX - EQUIPMENT - BLK 0 REFRESH - NonOrganic	46 / 4.692	37 / 3.429	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 8.121	
1.1.4) CENTRIXS - EQUIPMENT - BLK 2 - NonOrganic	6 / 7.468	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 7.468	
1.1.5) CENTRIXS - EQUIPMENT - BLK 2 w/ECOs - Organic	2 / 2.934	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.934	
1.1.6) CENTRIXS - EQUIPMENT - FLEET FLY-AWAY KITS - Organic	15 / 1.507	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.507	
1.1.7) CENTRIXS - EQUIPMENT - SUBMARINE FLY-AWAY KITS - Organic	10 / 1.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.054	
1.1.8) CENTRIXS - EQUIPMENT - NON CLASSIFIED NETWORK (NCN) - Organic	9 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.500	
1.1.9) CENTRIXS - EQUIPMENT - IA SERVER UPGRADE - NonOrganic	30 / 7.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 7.010	
1.1.10) CENTRIXS - EQUIPMENT INCREMENT 1 FL - NonOrganic	5 / 6.310	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 6.310	
1.1.11) CENTRIXS - EQUIPMENT - INCREMENT 1 FL BACKFIT - NonOrganic	4 / 3.106	1 / 0.876	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.982	
1.1.12) CENTRIXS - EQUIPMENT - INCREMENT 1 UL - NonOrganic	12 / 9.866	2 / 2.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 11.961	
Subtotal Recurring	216 / 63.941	40 / 6.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	256 / 70.341	
Total, PQ007 CENTRIXS-M AFLOAT	216 / 63.941	40 / 6.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	256 / 70.341	
Total Procurement, All Modifications	216 / 63.941	40 / 6.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	256 / 70.341	
Support													
2.1) PRODUCTION SUPPORT	- / 5.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.018	
2.2) DSA	- / 5.458	- / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.908	
Total Support, All Modifications	10.476	0.450	-	-	-	-	-	-	-	-	-	10.926	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation		Modification Nomenclature (Modification Number - Modification Title): 3 - PQ007 CENTRIXS-M AFLOAT	
Models of Systems Affected: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M)		Type Modification: CENTRIXS-M - Afloat		Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Total Procurement and Support</i>	74.417	6.850	-	-	-	-	-	-	-	-	-	81.267
PQ007 CENTRIXS-M AFLOAT Installation Cost	- / 26.866	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.866
<i>Total Installation Cost</i>	- / 26.866	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.866
Total Cost (Procurement + Support + Installation)	101.283	10.850	-	-	-	-	-	-	-	-	-	112.133

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - PQ007 CENTRIXS-M AFLOAT																							
Models of Systems Affected: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M)				Type Modification: CENTRIXS-M - Afloat				Related RDT&E PEs:																							
Manufacturer Information: PQ007 CENTRIXS-M AFLOAT																															
Manufacturer Name: Lockheed Martin								Manufacturer Location: Eagan, MN																							
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 2																							
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates	Jan 2012																														
Delivery Dates	Mar 2012																														
Installation: PQ007 CENTRIXS-M AFLOAT				Method of Implementation: [none specified]				Installation Name: Installation of Equipment - CENTRIX-M Afloat																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	180 / 26.866	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 26.866																			
FY 2012	- / -	40 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 4.000																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	180 / 26.866	40 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	220 / 30.866																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	179	1	-	-	1	3	19	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220
Out	176	3	1	-	1	-	19	12	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220
Installation: PQ007 CENTRIXS-M AFLOAT													Method of Implementation: Organic - CENTRIXS - EQUIPMENT - BLK 2 w/ECOs				Installation Quantity: 2														

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - PQ007 CENTRIXS-M AFLOAT
Models of Systems Affected: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M)	Type Modification: CENTRIXS-M - Afloat	Related RDT&E PEs:
Installation: PQ007 CENTRIXS-M AFLOAT	Method of Implementation: Organic - CENTRIXS - EQUIPMENT - FLEET FLY-AWAY KITS	Installation Quantity: 15
Installation: PQ007 CENTRIXS-M AFLOAT	Method of Implementation: Organic - CENTRIXS - EQUIPMENT - SUBMARINE FLY-AWAY KITS	Installation Quantity: 10
Installation: PQ007 CENTRIXS-M AFLOAT	Method of Implementation: Organic - CENTRIXS - EQUIPMENT - NON CLASSIFIED NETWORK (NCN)	Installation Quantity: 9
Footnotes: ⁽⁸⁾ 1/ Total procurement quantity exceeds total installation qty by 36 due to 25 fly-away kits, 2 Environmental Quality Testing kits and 9 Non-Classified Network kits not requiring installation. 2/ Production lead time is 2 months for CENTRIXS-M Blocks 0, 1 and 2. 3/ Production lead time is 7 months for CENTRIXS-M Increment 1. 4/ Funding fully transitions to CANES FY13 and out. 5/ Installs occurring beyond 1QFY13 result from slip in ship availability schedules and changes to the CANES fielding plan. The platforms receiving these delayed legacy installs will not receive CANES capability until well after the timeframe of the current install and are the only remaining platforms that require the legacy system capability extension.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - PQ007 SUBLAN			
Models of Systems Affected: Submarine Local Area Network (SubLAN)			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	271.734	44.458	30.071	-	-	-	-	-	-	-	-	346.263
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	271.734	44.458	30.071	-	-	-	-	-	-	-	-	346.263
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	271.734	44.458	30.071	-	-	-	-	-	-	-	-	346.263
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Provides modern, centrally managed, network systems to replace aging LAN systems. Application subsystems include financial/inventory management, organizational and surface maintenance management, and administrative information systems support. Provides Distance support hardware infrastructure (Navy Information Application Product Suite (NIAPS) servers, clients, blades, access points, and afloat connectivity).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (Modification Number - Modification Title): 4 - PQ007 SUBLAN				
Models of Systems Affected: Submarine Local Area Network (SubLAN)			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
PQ007 SUBLAN												
B Kits												
Recurring												
1.1.1) SubLAN - Equipment - NonOrganic ⁽⁹⁾	156 / 110.616	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	156 / 110.616
1.1.2) SubLAN - Equipment - SubLAN 1 - NonOrganic	1 / 0.750	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.500
1.1.3) SubLAN - Equipment - Grade A 688 - NonOrganic	2 / 1.347	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.347
1.1.6) SubLAN - Equipment - Engineering Changes - NonOrganic	- / 5.875	- / 9.984	- / 4.982	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.841
1.1.7) SubLAN - Equipment - Tech Refresh - NonOrganic	- / -	9 / 6.165	7 / 3.445	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 9.610
1.1.8) SubLAN - Equipment - SLEP - NonOrganic	- / -	6 / 3.824	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.824
1.1.9) SUBLAN - Equipment - LRIP Backfit - NonOrganic	14 / 1.568	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.568
Subtotal Recurring	173 / 120.156	16 / 20.723	7 / 8.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	196 / 149.306
Non-Recurring												
1.2.1) SubLAN - Nonrecurring Equipment - Distance Support - Organic	- / 1.544	- / 0.780	- / 0.780	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.104
Subtotal Non-Recurring	- / 1.544	- / 0.780	- / 0.780	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.104
Total, PQ007 SUBLAN	173 / 121.700	16 / 21.503	7 / 9.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	196 / 152.410
Total Procurement, All Modifications	173 / 121.700	16 / 21.503	7 / 9.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	196 / 152.410
Support												
2.1) PRODUCTION SUPPORT	- / 5.234	- / 0.653	- / 0.643	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.530
2.2) DSA	- / 1.826	- / 0.342	- / 0.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.498
Total Support, All Modifications	7.060	0.995	0.973	-	-	-	-	-	-	-	-	9.028
Total Procurement and Support	128.760	22.498	10.180	-	-	-	-	-	-	-	-	161.438
PQ007 SUBLAN Installation Cost	- / 142.974	- / 21.960	- / 19.891	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 184.825
Total Installation Cost	- / 142.974	- / 21.960	- / 19.891	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 184.825
Total Cost (Procurement + Support + Installation)	271.734	44.458	30.071	-	-	-	-	-	-	-	-	346.263

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications		P-1 Line Item Nomenclature: 3050 - Ship Communications Automation		Modification Nomenclature (Modification Number - Modification Title): 4 - PQ007 SUBLAN	
Models of Systems Affected: Submarine Local Area Network (SubLAN)		Type Modification: [No Modification Type Specified]			
				Related RDT&E PEs:	

Manufacturer Information: PQ007 SUBLAN							
Manufacturer Name: SAIC				Manufacturer Location: San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 3			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012					
Delivery Dates	Mar 2012	Mar 2013					

Installation: PQ007 SUBLAN				Method of Implementation: Method				Installation Name: Installation of Equipment - SUBLAN				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	172 / 142.974	1 / 3.155	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	173 / 146.129
FY 2012	- / -	11 / 18.805	5 / 8.287	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 27.092
FY 2013	- / -	- / -	7 / 11.604	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 11.604
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	172 / 142.974	12 / 21.960	12 / 19.891	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	196 / 184.825

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	171	1	1	5	5	1	5	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	
Out	169	3	1	1	7	3	2	3	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	

Footnotes:
⁽⁹⁾ 1/ Unit cost differs by class and includes variable Government Furnished Equipment (GFE)/ ShipAlt production costs coupled with FMP requirements. Grade A's require installation of racks, servers, switches and COMPOSE 3.0.1 software to complete transition from WinNT and Win2K End of Life software to Win2003/XP and to prepare for CANES in FY14. 2/ Funding fully transitions to CANES (BLI 2915 and BLI 2925) FY14 and out. 3/ First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of submarine installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - PQ007 SUBLAN
Models of Systems Affected: Submarine Local Area Network (SubLAN)	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
be scheduled in the first quarter thereby supporting Fleet availability. 4/ SubLAN requires an additional 3 months after delivery for required pre-installation test and check out (PITCO) prior to installation start. Installs do not begin until 6 months after contract award (3 months Production Lead Time + 3 months PITCO).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (Modification Number - Modification Title): 5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	309.187	3.433	-	-	-	-	-	-	-	-	-	312.620
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	309.187	3.433	-	-	-	-	-	-	-	-	-	312.620
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	309.187	3.433	-	-	-	-	-	-	-	-	-	312.620

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS provides the only Quality and Class of Service (QoS/CoS) routing for Multi-Service Voice, Video, and Data domains across available Radio Frequency (RF) paths.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II													
B Kits													
Recurring													
1.1.1) ADNS INC I Sub MCAP - NonOrganic	433 / 41.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	433 / 41.260	
1.1.2) ADNS INC II - NonOrganic ⁽¹⁰⁾	213 / 118.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	213 / 118.587	
1.1.3) ADNS INC II AIR - Organic	11 / 2.418	23 / 2.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 5.323	
Subtotal Recurring	657 / 162.265	23 / 2.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	680 / 165.170	
Total, PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II	657 / 162.265	23 / 2.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	680 / 165.170	
Total Procurement, All Modifications	657 / 162.265	23 / 2.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	680 / 165.170	
Support													
2.1) Production Support	- / 11.491	- / 0.198	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.689	
2.2) DSA	- / 28.482	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.632	
Total Support, All Modifications	39.973	0.348	-	-	-	-	-	-	-	-	-	40.321	
Total Procurement and Support	202.238	3.253	-	-	-	-	-	-	-	-	-	205.491	
PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II Installation Cost	- / 106.949	- / 0.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 107.129	
Total Installation Cost	- / 106.949	- / 0.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 107.129	
Total Cost (Procurement + Support + Installation)	309.187	3.433	-	-	-	-	-	-	-	-	-	312.620	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II											
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II																															
Manufacturer Name: SAIC													Manufacturer Location: San Diego, CA																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 6																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Mar 2012																													
Delivery Dates		Sep 2012																													
Installation: PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II										Method of Implementation: [none specified]										Installation Name: Installation of Equipment - ADNS Afloat - INC I & II											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		645 / 106.949	1 / 0.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	646 / 107.129																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		645 / 106.949	1 / 0.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	646 / 107.129																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	644	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	646				
Out	644	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	646				

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: PQ069 Automated Digital Network System (ADNS) - Afloat - INC I & II	Method of Implementation: Not Installed - ADNS INC II AIR	Installation Quantity: 34
Footnotes: ⁽¹⁰⁾ 1/ Increment II quantities procured include II, IIa, and IIb, which are comprised of various system configurations. Unit costs are based on the average of all units. 2/ First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications			P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	58.661	0.400	-	-	-	-	-	-	-	-	-	59.06
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	58.661	0.400	-	-	-	-	-	-	-	-	-	59.06
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	58.661	0.400	-	-	-	-	-	-	-	-	-	59.06
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS allows services and applications to interconnect to the Defense Information Systems Network (DISN) ashore via multiple Radio Frequency (RF) resources and pier connectivity.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II													
B Kits													
Recurring													
1.1.1) ADNS INC I - NonOrganic	60 / 33.876	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 33.876	
1.1.2) ADNS INC II - NonOrganic ⁽¹¹⁾	20 / 3.808	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 4.008	
Subtotal Recurring	80 / 37.684	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 37.884	
Total, PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II	80 / 37.684	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 37.884	
Total Procurement, All Modifications	80 / 37.684	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 37.884	
Support													
2.1) Production Support	- / 1.707	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.707	
2.2) Pre-Installation Design	- / 0.375	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.375	
Total Support, All Modifications	2.082	-	-	-	-	-	-	-	-	-	-	2.082	
Total Procurement and Support	39.766	0.200	-	-	-	-	-	-	-	-	-	39.966	
PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II Installation Cost	- / 18.895	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.095	
Total Installation Cost	- / 18.895	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.095	
Total Cost (Procurement + Support + Installation)	58.661	0.400	-	-	-	-	-	-	-	-	-	59.061	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II											
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II																															
Manufacturer Name: SAIC													Manufacturer Location: San Diego, CA																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 4																		
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Nov 2011																													
Delivery Dates		Mar 2012																													
Installation: PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II													Method of Implementation: Method										Installation Name: Installation of Equipment - ADNS Ashore - INC I & II								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		80 / 18.895	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 18.895																		
FY 2012		- / -	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.200																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		80 / 18.895	4 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 19.095																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	80	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	80	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC I & II
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increments	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
(11) 1/ Legacy increments will remain in the fleet throughout the FYDP. Therefore, tech refresh required to field hardware to address End of Life issues. 2/ ADNS Budget is transferred to BLI2915 for FY13 and beyond.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	67.538	36.411	-	-	-	-	-	-	-	-	-	103.949
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	67.538	36.411	-	-	-	-	-	-	-	-	-	103.949
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	67.538	36.411	-	-	-	-	-	-	-	-	-	103.949
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS provides the only Quality and Class of Service (QoS/CoS) routing for Multi-Service Voice, Video, and Data domains across available Radio Frequency (RF) paths.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ069 Automated Digital Network System (ADNS) - Afloat - INC III													
B Kits													
Recurring													
1.1.1) ADNS INC III - NonOrganic ⁽¹²⁾	32 / 43.187	27 / 26.872	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 70.059	
Subtotal Recurring	32 / 43.187	27 / 26.872	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 70.059	
Total, PQ069 Automated Digital Network System (ADNS) - Afloat - INC III	32 / 43.187	27 / 26.872	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 70.059	
Total Procurement, All Modifications	32 / 43.187	27 / 26.872	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 70.059	
Support													
2.1) ADNS - INC III - Production Support	- / 2.288	- / 1.505	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.793	
2.2) ADNS - INC III - DSA	- / 9.405	- / 2.549	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.954	
Total Support, All Modifications	11.693	4.054	-	-	-	-	-	-	-	-	-	15.747	
Total Procurement and Support	54.880	30.926	-	-	-	-	-	-	-	-	-	85.806	
PQ069 Automated Digital Network System (ADNS) - Afloat - INC III Installation Cost	- / 12.658	- / 5.485	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.143	
Total Installation Cost	- / 12.658	- / 5.485	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.143	
Total Cost (Procurement + Support + Installation)	67.538	36.411	-	-	-	-	-	-	-	-	-	103.949	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3050 - Ship Communications Automation								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III															
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.								Type Modification: [No Modification Type Specified]								Related RDT&E PEs:															
Manufacturer Information: PQ069 Automated Digital Network System (ADNS) - Afloat - INC III																															
Manufacturer Name: SAIC														Manufacturer Location: San Diego, CA																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 7																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Nov 2011																													
Delivery Dates		Jun 2012																													
Installation: PQ069 Automated Digital Network System (ADNS) - Afloat - INC III														Method of Implementation: Method										Installation Name: Installation of Equipment - ADNS Afloat - INC III							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		20 / 12.658		10 / 4.540		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		30 / 17.198					
FY 2012		- / -		3 / 0.945		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.945					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		20 / 12.658		13 / 5.485		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		33 / 18.143					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	20	-	3	2	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
Out	20	-	2	2	2	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - PQ069 Automated Digital Network System (ADNS) - Afloat - INC III
Models of Systems Affected: Automated Digital Network System (ADNS) Afloat Increment III.	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
(12) 1/ Average unit cost fluctuations for procurement and installation are due to varying system configurations required for surface and submarine platforms. ADNS INC III Afloat range (P) \$.5M - \$1.4M; (I) \$.4M - \$1.0M. 2/ INC III units require an additional 4 months after delivery for required integration, assembly and testing prior to installation start. Installs do not begin until 11 months after contact award (7 months Production Lead Time + 4 months integration). 3/ First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. 4/ Increased FY12 procurements and installations are due to a funding shift from ashore due to the Shore 200 Ship Configuration shifting to FY13. 5/ ADNS Budget is transferred to BLI2915 for FY13 and beyond. Qty 24 procurements in FY12 and Qty 2 procurements from FY11 will be installed in FY13 and they appear on the new ADNS Inc III P-3a under LI 2915.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16.743	9.169	-	-	-	-	-	-	-	-	-	25.912
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	16.743	9.169	-	-	-	-	-	-	-	-	-	25.912
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	16.743	9.169	-	-	-	-	-	-	-	-	-	25.912

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
ADNS is the gateway to the tactical Wide Area Network (WAN) afloat for Internet Protocol (IP) network operations, supporting information dissemination and external connectivity. ADNS allows services and applications to interconnect to the Defense Information Systems Network (DISN) ashore via multiple Radio Frequency (RF) resources and pier connectivity.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III				
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ069 Automated Digital Network System (ADNS) - Ashore - INC III													
B Kits													
Recurring													
1.1.1) ADNS INC III - NonOrganic ⁽¹³⁾	8 / 11.143	3 / 7.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 18.243	
Subtotal Recurring	8 / 11.143	3 / 7.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 18.243	
Total, PQ069 Automated Digital Network System (ADNS) - Ashore - INC III	8 / 11.143	3 / 7.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 18.243	
Total Procurement, All Modifications	8 / 11.143	3 / 7.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 18.243	
Support													
2.1) Production Support	- / 0.649	- / 0.269	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.918	
Total Support, All Modifications	0.649	0.269	-	-	-	-	-	-	-	-	-	0.918	
Total Procurement and Support	11.792	7.369	-	-	-	-	-	-	-	-	-	19.161	
PQ069 Automated Digital Network System (ADNS) - Ashore - INC III Installation Cost	- / 4.951	- / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.751	
Total Installation Cost	- / 4.951	- / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.751	
Total Cost (Procurement + Support + Installation)	16.743	9.169	-	-	-	-	-	-	-	-	-	25.912	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3050 - Ship Communications Automation								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III															
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I								Type Modification: [No Modification Type Specified]								Related RDT&E PEs:															
Manufacturer Information: PQ069 Automated Digital Network System (ADNS) - Ashore - INC III																															
Manufacturer Name: SAIC														Manufacturer Location: San Diego, CA																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 7																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Nov 2011																													
Delivery Dates		Jun 2012																													
Installation: PQ069 Automated Digital Network System (ADNS) - Ashore - INC III														Method of Implementation: Method								Installation Name: Installation of Equipment - ADNS Ashore - INC III									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		7 / 4.951	1 / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.551																		
FY 2012		- / -	2 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.200																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		7 / 4.951	3 / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.751																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	7	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
Out	7	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - PQ069 Automated Digital Network System (ADNS) - Ashore - INC III
Models of Systems Affected: Automated Digital Network System (ADNS) Ashore / Network Operations Center (NOC). Ashore Increment I	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
(13) 1/ Prior year and FY12 quantities represent ADNS NOCS, SUB BCA, test and training sites. 2/ Installation unit cost varies across shore sites depending on configuration of the associated procurements. FY12 quantities include COMSUBGRU7 / COMSUBGRU8 (unit cost \$2.7M) and COMSUBLANT (unit cost 1.7M) is lower due to less system hardware upgrades required. Funds shift to INC III Afloat due to delay of Ashore 200 ship configuration to FY13. 3/ INC III ashore units require an additional 4 months after delivery for required integration, assembly, testing and shipping that must occur prior to installation start. Installs do not begin until 11 months after procurement contract award (7 months Production Lead Time + 4 months integration). 4/ ADNS funding is transferred to BLI2915 for FY13 and beyond.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (Modification Number - Modification Title): 9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo				
Models of Systems Affected: Tactical Messaging / C2OIX			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	141.528	2.743	5.217	3.732	-	3.732	3.796	4.069	4.151	4.093	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	141.528	2.743	5.217	3.732	-	3.732	3.796	4.069	4.151	4.093	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	141.528	2.743	5.217	3.732	-	3.732	3.796	4.069	4.151	4.093	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: [C2OIX Equipment (Afloat)] C2OIX consolidates the Tactical Messaging and Defense Messaging System (DMS) programs and manages the Navy's messaging systems providing sustainment support and modernization for all afloat and shore platforms. The modernization effort within C2OIX for afloat platforms automates and increases the speed and efficiency of handling organizational message traffic aboard ships and submarines, and replaces ten Naval Modular Automated Communication System (NAVMACS) variants distributed throughout the Navy. C2OIX will satisfy the Navy messaging requirement and implement products that are developed with an open system architecture.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (Modification Number - Modification Title): 9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo					
Models of Systems Affected: Tactical Messaging / C2OIX				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo													
B Kits													
Recurring													
1.1.1) Equipment Prior Year Sunk - NonOrganic	233 / 93.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	233 / 93.506	
1.1.2) Tactical Messaging Tech Refresh - NonOrganic	- / -	3 / 1.850	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.850	
1.1.3) C2OIX Equipment (Afloat) - NonOrganic ⁽¹⁴⁾	- / -	- / -	11 / 2.358	10 / 1.745	- / -	10 / 1.745	10 / 1.757	11 / 1.856	12 / 1.785	12 / 1.912	Continuing	Continuing	
Subtotal Recurring	233 / 93.506	3 / 1.850	11 / 2.358	10 / 1.745	- / -	10 / 1.745	10 / 1.757	11 / 1.856	12 / 1.785	12 / 1.912	- / -	236 / 95.356	
Non-Recurring													
1.2.1) Non-Recurring Equipment - Organic	1 / 1.982	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.982	
Subtotal Non-Recurring	1 / 1.982	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.982	
Total, PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo	234 / 95.488	3 / 1.850	11 / 2.358	10 / 1.745	- / -	10 / 1.745	10 / 1.757	11 / 1.856	12 / 1.785	12 / 1.912	Continuing	Continuing	
Total Procurement, All Modifications	234 / 95.488	3 / 1.850	11 / 2.358	10 / 1.745	- / -	10 / 1.745	10 / 1.757	11 / 1.856	12 / 1.785	12 / 1.912	- / -	- / -	
Support													
2.1) Production Support	- / 7.891	- / 0.206	- / 0.089	- / 0.081	- / -	- / 0.081	- / 0.083	- / 0.093	- / 0.103	- / 0.104	Continuing	Continuing	
2.2) DSA	- / 4.413	- / 0.087	- / 0.284	- / 0.224	- / -	- / 0.224	- / 0.237	- / 0.272	- / 0.329	- / 0.235	Continuing	Continuing	
Total Support, All Modifications	12.304	0.293	0.373	0.305	-	0.305	0.320	0.365	0.432	0.339	-	-	
Total Procurement and Support	107.792	2.143	2.731	2.050	-	2.050	2.077	2.221	2.217	2.251	-	-	
PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo Installation Cost	- / 33.736	- / 0.600	- / 2.486	- / 1.682	- / -	- / 1.682	- / 1.719	- / 1.848	- / 1.934	- / 1.842	- / -	- / -	
Total Installation Cost	- / 33.736	- / 0.600	- / 2.486	- / 1.682	- / -	- / 1.682	- / 1.719	- / 1.848	- / 1.934	- / 1.842	- / -	- / -	
Total Cost (Procurement + Support + Installation)	141.528	2.743	5.217	3.732	-	3.732	3.796	4.069	4.151	4.093	-	-	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Afloat				
Models of Systems Affected: Tactical Messaging / C2OIX			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Manufacturer Information: PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Afloat												
Manufacturer Name: SSC LANT						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011											
Delivery Dates	Apr 2012											
Manufacturer Name: Unknown ⁽¹⁵⁾						Manufacturer Location: Unknown						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 3						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Mar 2013	Oct 2013									
Delivery Dates		Jun 2013	Jan 2014									
Installation: PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Afloat				Method of Implementation: Method				Installation Name: Installation of Equipment - C2OIX Afloat				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	233 / 33.736	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	233 / 33.736
FY 2012	- / -	2 / 0.600	1 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.807
FY 2013	- / -	- / -	11 / 2.279	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 2.279
FY 2014	- / -	- / -	- / -	10 / 1.682	- / -	10 / 1.682	- / -	- / -	- / -	- / -	- / -	10 / 1.682
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.719	- / -	- / -	- / -	- / -	10 / 1.719
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 1.848	- / -	- / -	- / -	11 / 1.848
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.934	- / -	- / -	12 / 1.934
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.842	- / -	12 / 1.842
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Total	233 / 33.736	2 / 0.600	12 / 2.486	10 / 1.682	- / -	10 / 1.682	10 / 1.719	11 / 1.848	12 / 1.934	12 / 1.842	Continuing	Continuing

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo											
Models of Systems Affected: Tactical Messaging / C2OIX										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo										Method of Implementation: Method										Installation Name: Installation of Equipment - C2OIX Afloat											
Installation Schedule																															
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	233	-	-	-	1	1	-	3	4	5	2	1	6	1	2	5	3	-	3	4	2	2	3	4	3	2	4	4	4	-	302
Out	233	-	-	-	1	1	-	3	4	5	2	1	6	1	2	5	3	-	3	4	2	2	3	4	3	2	4	4	4	-	302
Installation: PQ065 Command and Control Official Information eXchange (C2OIX) (Formerly Tactical Messaging) Aflo Method of Implementation: Not Installed - Non-Recurring Equipment Installation Quantity: 1																															
Footnotes: (14) 1/ FY13 unit costs increase is due to initial integration & documentation costs associated with 1st year of C2OIX equipment procurements. 2/ First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. (15) 1/ FY13 Administrative Lead Time is 5 months due to initial contract award.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - PQ065 Tactical Messaging Ashore			
Models of Systems Affected: Tactical Messaging			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	2.121	-	-	-	-	-	-	-	-	-	2.121
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	2.121	-	-	-	-	-	-	-	-	-	2.121
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	2.121	-	-	-	-	-	-	-	-	-	2.121
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Tactical Messaging program contains all components to provide customers with automated, efficient and reliable message handling via the Naval Regional Enterprise Messaging System (NREMS) and will transition shore messaging into C2OIX, a single end-to-end messaging system.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 10 - PQ065 Tactical Messaging Ashore				
Models of Systems Affected: Tactical Messaging			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ065 Tactical Messaging Ashore													
B Kits													
Recurring													
1.1.1) Tactical Messaging Equipment - NonOrganic													
Subtotal Recurring													
Total, PQ065 Tactical Messaging Ashore													
Total Procurement, All Modifications													
Support													
2.1) Production Support													
Total Support, All Modifications													
Total Procurement and Support													
PQ065 Tactical Messaging Ashore Installation Cost													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - PQ065 Tactical Messaging Ashore											
Models of Systems Affected: Tactical Messaging					Type Modification: [No Modification Type Specified]										Related RDT&E PEs:																
Manufacturer Information: PQ065 Tactical Messaging Ashore																															
Manufacturer Name: SSC LANT														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 4																	
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Dec 2011																													
Delivery Dates		Apr 2012																													
Installation: PQ065 Tactical Messaging Ashore										Method of Implementation: Method										Installation Name: Installation of Equipment - Tactical Messaging Ashore											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	3 / 0.225		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.225								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	3 / 0.225		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.225								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
Out	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications			P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 11 - PQ070 Tactical Switching				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	191.916	22.836	19.866	20.145	-	20.145	19.136	26.715	21.415	20.738	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	191.916	22.836	19.866	20.145	-	20.145	19.136	26.715	21.415	20.738	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	191.916	22.836	19.866	20.145	-	20.145	19.136	26.715	21.415	20.738	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Tactical Switching Ashore has been structured to support the migration of the shore sites and their terrestrial interconnections into a coherent, scalable, network-centric capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3050 - Ship Communications Automation					Modification Nomenclature (Modification Number - Modification Title): 11 - PQ070 Tactical Switching				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PQ070 Tactical Switching													
B Kits													
Recurring													
1.1.1) Equipment - Increment I - NonOrganic ⁽¹⁶⁾	10 / 33.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 33.814	
1.1.2) Equipment - Increment II - NonOrganic	25 / 115.940	5 / 18.655	5 / 15.883	5 / 16.156	- / -	5 / 16.156	5 / 15.284	- / -	- / -	- / -	- / -	45 / 181.918	
1.1.3) Equipment - Increment III - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 21.098	5 / 16.758	5 / 16.229	Continuing	Continuing	
Subtotal Recurring	35 / 149.754	5 / 18.655	5 / 15.883	5 / 16.156	- / -	5 / 16.156	5 / 15.284	5 / 21.098	5 / 16.758	5 / 16.229	- / -	55 / 215.732	
Total, PQ070 Tactical Switching	35 / 149.754	5 / 18.655	5 / 15.883	5 / 16.156	- / -	5 / 16.156	5 / 15.284	5 / 21.098	5 / 16.758	5 / 16.229	Continuing	Continuing	
Total Procurement, All Modifications	35 / 149.754	5 / 18.655	5 / 15.883	5 / 16.156	- / -	5 / 16.156	5 / 15.284	5 / 21.098	5 / 16.758	5 / 16.229	- / -	- / -	
Support													
2.1) Production Support	- / 13.881	- / 1.203	- / 1.064	- / 1.050	- / -	- / 1.050	- / 0.958	- / 1.296	- / 1.083	- / 1.048	Continuing	Continuing	
2.2) DSA	- / 1.946	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.946	
Total Support, All Modifications	15.827	1.203	1.064	1.050	-	1.050	0.958	1.296	1.083	1.048	-	1.946	
Total Procurement and Support	165.581	19.858	16.947	17.206	-	17.206	16.242	22.394	17.841	17.277	-	1.946	
PQ070 Tactical Switching Installation Cost	- / 26.335	- / 2.978	- / 2.919	- / 2.939	- / -	- / 2.939	- / 2.894	- / 4.321	- / 3.574	- / 3.461	- / -	- / -	
Total Installation Cost	- / 26.335	- / 2.978	- / 2.919	- / 2.939	- / -	- / 2.939	- / 2.894	- / 4.321	- / 3.574	- / 3.461	- / -	- / -	
Total Cost (Procurement + Support + Installation)	191.916	22.836	19.866	20.145	-	20.145	19.136	26.715	21.415	20.738	-	1.946	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3050 - Ship Communications Automation										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - PQ070 Tactical Switching											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: PQ070 Tactical Switching																															
Manufacturer Name: CALI														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 2																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012																													
Delivery Dates		Jun 2012																													
Manufacturer Name: SSC LANT														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 2																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jan 2012				Jan 2013				Jan 2014																					
Delivery Dates		Mar 2012				Mar 2013				Mar 2014																					
Installation: PQ070 Tactical Switching														Method of Implementation: Method										Installation Name: Installation of Equipment - Tactical Switching							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		35 / 26.335		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		35 / 26.335							
FY 2012		- / -		5 / 2.978		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 2.978							
FY 2013		- / -		- / -		5 / 2.919		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 2.919							
FY 2014		- / -		- / -		- / -		5 / 2.939		- / -		5 / 2.939		- / -		- / -		- / -		- / -		- / -		5 / 2.939							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		5 / 2.894		- / -		- / -		- / -		- / -		5 / 2.894							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 4.321		- / -		- / -		- / -		5 / 4.321							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 3.574		- / -		- / -		5 / 3.574							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 3.461		- / -		5 / 3.461							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		Continuing		Continuing							
Total		35 / 26.335		5 / 2.978		5 / 2.919		5 / 2.939		- / -		5 / 2.939		5 / 2.894		5 / 4.321		5 / 3.574		5 / 3.461		Continuing		Continuing							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	35	-	-	5	-	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	70
Out	35	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	-	-	5	-	70

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3050 - Ship Communications Automation	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - PQ070 Tactical Switching
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Footnotes: ⁽¹⁶⁾ 1/ INC I-III Quantities represent 5 major shore regions (Naval Computer and Telecommunications Area Master Station Pacific (NCTAMS PAC), Naval Computer and Telecommunications Area Master Station Atlantic (NCTAMS LANT), Naval Computer & Telecommunications Station Naples (NCTS NAPLES), Naval Computer & Telecommunications Station Bahrain (NCTS Bahrain), and Naval Computer & Telecommunications Station San Diego (NCTS San Diego) with a total of 40+ shore communication activities spanning the 5 regions. Increment II upgrades will be implemented at the major shore regions consolidating into Global Network Operations and Security Centers through FY15. Increment III upgrades Transport, IP Services, and NetOps efficiencies, leveraging other DoN and DoD's Defense Enterprise Computing Center (DECC) infrastructure initiatives for DoN/DoD IT consolidation. 2/ Tactical Switching (TSw) INC I-III consists of 17 different systems incorporated into a consolidated single enterprise architecture. Installation costs vary each year/site depending on what modernization must be done at each site. Costs vary depending upon whether or not installs address increased bandwidth, risk vulnerabilities, increased survivability and reliability, and migration to an all-Internet Protocol (IP) architecture.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3051 - MDA										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	12.506	24.022	1.063	-	-	-	-	-	-	-	-	37.591								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	12.506	24.022	1.063	-	-	-	-	-	-	-	-	37.591								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	12.506	24.022	1.063	-	-	-	-	-	-	-	-	37.591								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	0.334	0.039	-	-	-	-	-	-	-	-	0.373								
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Combined Enterprise Regional Information Exchange System - Maritime (CENTRIXS-M) Maritime Domain Awareness (MDA): The CENTRIXS program provides US Navy ships with secure, reliable, high-speed Local Area Network with access to the Coalition Wide Area Network (WAN) to include CENTRIXS Four-Eyes, Global Counter Terrorism Task Force, NATO Information Data Transfer System, Multinational Coalition Force - Iraq, bilateral networks such as Combined Enterprise Regional Information Exchange System - US/Japan and Combined Enterprise Regional Information Exchange System - US/ Korea, and Communities Of Interest virtual networks such as Coalition Naval Forces - CENTCOM and Cooperative Maritime Forces - Pacific. The CENTRIXS system provides real-time tactical and operational information sharing at the SECRET and SECRET REL (Releasable) level between naval afloat units, Component Commanders, Fleet Commanders, Numbered Fleet Commanders and Coalition Forces/Allies. When the CENTRIXS network is combined with other subsystems (Radio/Satellite Comms), it delivers an end-to-end network centric war fighting capability. The CENTRIXS program is comprised of Block 0, I and II systems fielded across the Fleet, and Increment 1 which will provide a network infrastructure that allows simultaneous access to multiple WANs and incorporates the Common Personal Computer Operating System Environment (COMPOSE). COMPOSE provides a server and client operating system environment for other applications and collaborative tools such as Same time Chat, Domino and Command and Control Personal Computer as means to share a Common Operational Picture (COP) and exchange information using Collaboration At Sea. The CENTRIXS program uses both Commercial Off The Shelf hardware and software and Open Standards to maximize commercial technology and support. In-service engineering and technical support ensures existing systems are upgraded and modified to keep pace with current technology and industry.																				
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MDA	P40A, P5A				12.506			24.022			1.063			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications												P-1 Line Item Nomenclature: 3051 - MDA									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				12.506			24.022			1.063			-			-			-		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding. Justification: In FY13 CENTRIXS completes installation of FY12 Increment 1 Afloat Procurements. Fully transitions to CANES by FY14.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications									P-1 Line Item Nomenclature: 3051 - MDA							Aggregated Item Name: MDA				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) PR001 - CENTRIXS-MDA																				
† 1.1) PR001 - CENTRIXS-M MDA INCREMENT 1 (Afloat) (1)	A		758.750	12	9.105	878.917	12	10.547	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) PR001 - CENTRIXS-M MDA BLOCK 0/1/2 (Afloat)	A		101.000	1	0.101	165.000	7	1.155	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) PR001 - CENTRIXS-MDA						9.206		11.702			-			-			-			-
2) PR555 - CENTRIXS PRODUCTION SUPPORT																				
2.1) PR555 - CENTRIXS-M PRODUCTION SUPPORT INC 1 (Afloat)	A		-	-	0.840	-	-	0.117	-	-	-	-	-	-	-	-	-	-	-	-
2.2) PR555 - CENTRIXS-M MDA	A		-	-	-	-	-	0.118	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) PR555 - CENTRIXS PRODUCTION SUPPORT						0.840		0.235			-			-			-			-
3) PR777 - CENTRIXS INSTALLS & DSA																				
3.1) PR777 - CENTRIX DSA INSTALLS INC 1 (Afloat)	A		-	-	0.960	-	-	1.360	-	-	0.022	-	-	-	-	-	-	-	-	-
3.2) PR777 - CENTRIXS FMP INSTALL INC 1 (Afloat)	A		-	-	1.500	-	-	10.450	-	-	1.041	-	-	-	-	-	-	-	-	-
3.3) PR777 - CENTRIXS FMP INSTALL BLK 0/1/2	A		-	-	-	-	-	0.275	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) PR777 - CENTRIXS INSTALLS & DSA						2.460		12.085			1.063			-			-			-
Total						12.506		24.022			1.063			-			-			-
Footnotes: (1) OPN funding begins transition to CANES in FY13 and fully transitions by FY14.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3051 - MDA					Aggregated Item Name: MDA				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
1) PR001 - CENTRIXS-MDA													
1.1) PR001 - CENTRIXS-M MDA INCREMENT 1 (Afloat)		2012	General Dynamics / San Diego, CA	C / IDIQ	SPAWAR	Dec 2011	Jul 2012	12	878.917	Y			
1.2) PR001 - CENTRIXS-M MDA BLOCK 0/1/2 (Afloat)		2012	SSC LANT / Lockheed Martin ⁽²⁾ / Charleston, SC / Eagan, MN	C / IDIQ	SPAWAR	Nov 2011	Jan 2012	7	165.000	Y			

Footnotes:

⁽²⁾ Block 0/1 procurements are contracted through SSC LANT. Block 2 procurements are contracted through Lockheed Martin, Eagan, MN.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604280N

MDAP/MAIS Code(s): 385

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.109	26.985	28.522	28.001	-	28.001	47.209	88.186	97.882	106.913	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.109	26.985	28.522	28.001	-	28.001	47.209	88.186	97.882	106.913	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.109	26.985	28.522	28.001	-	28.001	47.209	88.186	97.882	106.913	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.256	0.425	0.201	-	0.201	0.355	0.014	0.006	0.008	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[P40A / NU019 EPLRS-DR]: Enhanced Position Location Reporting System - Data Radio (EPLRS-DR) is a Blue in Support of Green (BISOG) program that provides secure Anti-Jam (AJ), Ultra High Frequency (UHF) (420-450 MHz) and Line of Sight (LOS) data communications in support of amphibious operations at throughputs of up to 54Kbps. EPLRS-DR provides embedded Position Location Information (PLI) between shipboard networks and the shore-based Marine Tactical Data Network (TDN) and the Army Tactical Internet (TI). To meet a National Security Agency (NSA) mandate, KOK13 cryptographic equipment will be replaced with KOK23/CKG cryptographic equipment.

The Conical Log Spiral Mobile (CLSM) antenna is a component of the USMC Enhanced Man-Pack UHP Tactical (EMUT) Satellite Antenna providing embarked marines with a stand alone Ultra High Frequency Satellite Communications (UHF SATCOM) system.

[P40A / NU020 DWTS]: Digital Wideband Transmission System (DWTS) provides terrestrial, meshed Internet Protocol (IP) communications network throughout the battle group, utilizing USMC provided AN/PRC-117G radios and existing DWTS infrastructure. Each install consists of reconfiguring the current DWTS system with a configuration kit that allows the Marine Corps to bring the AN/PRC-117G radios for use with the DWTS system.

[P40A / NU237 PORTABLE RADIOS]: Portable Radios (PORT RAD): Procures mission essential tactical handheld, manpack, vehicular/fixed mount radios, and ancillaries to meet secure/non-secure voice and data communications requirements for deploying Naval Expeditionary Forces Explosive Ordnance Disposal, Naval Beach Groups, Naval Construction Forces, Navy Cargo-Handling and Port Operations Group, and others under the Naval Expeditionary Combat Enterprise (NECE), and to meet emergency communications requirements for surface ships. Equipment is employed by individual NECE operational elements to accomplish missions, communicate with higher headquarters, conduct command and control of forces, and call for Close Air Support. Procurements are in accordance with Components' Tables of Allowance and are within approved Buy / Plan requirements. Procurement is needed to ensure interoperability with already fielded equipment, and between DoD Forces high priority programs such as Mine Resistant Ambush Protected and Military All-Terrain Vehicles, and Joint forces, including Allied/Coalition priorities.

[P40A / NU238 JTRS HMS Radios]: Joint Tactical Radio System (JTRS) Handheld Man-pack Small Form Fit (HMS) portable radios: Procures JTRS HMS radios and ancillaries to meet 2-channel manpack secure voice and data communications requirements for Naval Expeditionary forces including Naval Special Warfare Command, and emergency communications requirements for surface ships. The HMS

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:										Other Related Program Elements: 0604280N				
MDAP/MAIS Code(s): 385																			
radios are intended to gradually phase out legacy equipment, while phasing in software-defined, crypto-modernizable, 2-channel radios with Mobile User Objective System (MUOS) capability enabling more efficient use of satellite resources.																			
[P40A / NU239 PORT NSW]: Portable Radio/Naval Special Warfare (PORT NSW) tactical radio: PORT NSW procures hand held and man pack/vehicular radios for NSW. Procurement needed to support Force Protection operations, especially with joint forces. NSW operational elements (SEAL platoons and Combatant Craft Detachments) rely on tactical communications and electronics equipment to accomplish all missions assigned in support of the Joint and Fleet commanders. Navy resourced tactical communications equipment is considered mission essential and will be employed by individual SEAL personnel and NSW combat elements in man pack configurations as well as onboard tactical vehicles and NSW combatant craft in tactical operations centers in fixed mount configurations.																			
[P40A / NU245 HYDRA]: Hierarchial Yet Dynamic Reprogrammable Architecture (HYDRA): HYDRA AN/SRC-55 will replace stovepipe wireless shipboard systems with an integrated system. HYDRA is a wireless digital voice and data communication system using Commercial off the Shelf (COTS) trunking technology. HYDRA is capable of interfacing with Private Branch Exchange/Battle Group (PBX/BG) Cellular/radio frequency (RF) systems.																			
[P40A / NU295 BFTN]: Battle Force Tactical Network (BFTN): BFTN enables delivery of Internet Protocol (IP) based collaboration services over legacy High Frequency (HF) assets. The intent is to provide an interoperable, low data rate, multi-node, Beyond-Line-of-Sight tactical edge networking capability using existing HF radio infrastructure. Supports Tactical Edge Networking and provides data path backbone for both airborne and afloat forces. Supports increased data exchange with Allied Coalition forces. BFTN provides National, Allied, and Coalition maritime units with a medium band IP-based, tactical ship-ship at-sea networking capability, using legacy half-duplex UHF Line-of-Sight. BFTN will provide a bridge between legacy radio systems and future emerging wideband networking technologies.																			
[P40A / NU790 Navy Expeditionary C4I]: Navy Expeditionary Command, Control, Communications, Computers, & Intelligence (C4I): Provides procurement and integration for outfitting Table of Allowance (TOA) buy lists within the Expeditionary forces. Ensures common C4I solutions are being coordinated, tracked, procured and integrated across Navy Expeditionary Combat Command (NECC) forces.																			
[P40A / HF SAR DSA/PRE Shore Installation Design]: High Frequency Shipboard Automatic Link Establishment Radio (HF SAR) [Previously known as High Frequency Automatic Link Establishment (HF-ALE)]: Provides 2 channel HF SAR capability aboard Amphibious class ships to support the embarked Marine Air Ground Task Force (MAGTF) commander by providing continuous Line-Of-Sight and Beyond-Line-Of-Sight communications links.																			
[P3A / Communication Modernization/DAMA IW]: Communication Modernization/Demand Assigned Multiple Access Integrated Waveform (DAMA IW): Ultra High Frequency (UHF) Satellite Communications (SATCOM) is the primary military C4I communication system that enables users to operate communications on-the-move, beyond line of sight, and under all environmental conditions. The currently implemented legacy UHF SATCOM DAMA systems are no longer sufficient to meet user requirements. DAMA IW provides C4I system enhancements that will more than double the present UHF SATCOM system voice nets, which will be used to reduce the existing gap between UHF SATCOM communications capacity and requirements. Communication Modernization provides critical beyond line-of-sight C4I communications to LOS ANGELES Fast Attack Submarines (SSN 688), and critical C4I system upgrades (HF, VHF/UHF/SATCOM C4I communications capabilities including DAMA IW) to small ship variants (such as Mine Counter Measure (MCM), Littoral Combat Ship (LCS), Patrol Craft (PC) Radio Room communication suites, etc.).																			

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Communications Items under \$5M	P40A, P5A, P21				23.398			24.285			25.847			22.367			-			22.367

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications												P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604280N									
MDAP/MAIS Code(s): 385																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
1 - Communication Modernization/DAMA IW	P3A			2.711			2.700			2.675			5.634			-				5.634	
Total Gross/Weapon System Cost				26.109			26.985			28.522			28.001			-				28.001	
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Communications Items under \$5M	P40A, P5A, P21			-			-			-			-			-				-	
1 - Communication Modernization/DAMA IW	P3A			2.609			2.553			2.598			2.654	Continuing			Continuing				
Total Gross/Weapon System Cost				47.209			88.186			97.882			106.913	Continuing			Continuing				
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding. Justification: NU237 - PORT RAD: FY14 funding is to procure 169 radios. NU239 - PORT NSW: FY14 funding is to procure 648 radios. NU260 - Comm Modernization/DAMA IW: FY14 funding is to procure five IW-capable systems and install those that were procured in FY13. NU295 - BFTN: FY14 is to Procure and Install four (4) BFTN systems. Installing BFTN systems at the current maximum data-rate with future plans to modify equipment hardware; software update to upgrade routability and Quality of Service (QOS) interaction with higher data-rate RF networking. NU777 - HF SAR: FY14 will fund 3 installations. NU790 - Navy Expeditionary C4I: FY14 funds will be used to procure and integrate Tactical Radio Upgrades for Mine Resistant Ambush Protected (MRAP) vehicles which are centrally managed.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M							Aggregated Item Name: Communications Items under \$5M					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) NU019 EPLRS-DR																				
† 1.1) EPLRS-DR Procurement	A		62.880	25	1.572	63.667	6	0.382	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) NU019 EPLRS-DR					1.572			0.382			-			-			-			-
2) NU020 DWTS ⁽¹⁾																				
2.1) DWTS Procurement	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) NU020 DWTS					0.000			-			-			-			-			-
3) NU237 PORTABLE RADIOS																				
† 3.1) PORT RAD - Hand Held Procurement	A		-	-	-	10.214	14	0.143	10.398	11	0.114	10.585	150	1.588	-	-	-	10.585	150	1.588
† 3.2) PORT RAD - Man Pack Procurement	A		-	-	-	35.200	5	0.176	35.834	5	0.179	36.479	19	0.693	-	-	-	36.479	19	0.693
Subtotal 3) NU237 PORTABLE RADIOS					-			0.319			0.293			2.281			-			2.281
4) NU238 JTRS HMS Radios																				
† 4.1) JTRS HMS Manpack Radios Procurement	A		-	-	-	-	-	-	62.040	50	3.102	-	-	-	-	-	-	-	-	-
Subtotal 4) NU238 JTRS HMS Radios					-			-			3.102			-			-			-
5) NU239 PORT NSW																				
† 5.1) PORT NSW Hand Held Procurement	A		12.209	182	2.222	11.003	287	3.158	11.202	440	4.929	11.403	498	5.679	-	-	-	11.403	498	5.679
† 5.2) PORT NSW Man Pack Procurement	A		36.517	230	8.399	34.605	266	9.205	35.726	187	6.681	36.369	150	5.455	-	-	-	36.369	150	5.455
Subtotal 5) NU239 PORT NSW					10.621			12.363			11.610			11.134			-			11.134
6) NU245 HYDRA ⁽²⁾																				
† 6.1) Hydra Procurement	A		2,260.000	2	4.520	730.000	1	0.730	1,532.500	2	3.065	2,093.000	1	2.093	-	-	-	2,093.000	1	2.093
Subtotal 6) NU245 HYDRA					4.520			0.730			3.065			2.093			-			2.093
7) NU295 BFTN																				
† 7.1) BFTN System Procurement ⁽³⁾	A		-	-	-	183.000	12	2.196	-	-	-	183.250	4	0.733	-	-	-	183.250	4	0.733
7.2) BFTN Relay Procurement	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M							Aggregated Item Name: Communications Items under \$5M					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
† 7.3) BFTN Fly Away Kits	A		-	-	-	85.500	2	0.171	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) NU295 BFTN					0.000			2.367			-			0.733			-			0.733
8) NU790 Navy Expeditionary C4I																				
† 8.1) Navy Expeditionary C4I Procurement	A		-	-	-	-	-	-	233.667	3	0.701	237.333	3	0.712	-	-	-	237.333	3	0.712
Subtotal 8) NU790 Navy Expeditionary C4I					-			-			0.701			0.712			-			0.712
9) NUXXX MUOS SST																				
9.1) MUOS SST Procurement	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) NUXXX MUOS SST					0.000			-			-			-			-			-
10) NU555 Production Support																				
10.1) DWTS Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) EPLRS-DR Production Support	A		-	-	0.076	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	-
10.3) HF SAR Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.4) PORT RAD Production Support	A		-	-	-	-	-	0.059	-	-	0.026	-	-	0.129	-	-	-	-	-	0.129
10.5) JTRS HMS Manpack Production Support	A		-	-	-	-	-	-	-	-	0.198	-	-	-	-	-	-	-	-	-
10.6) PORT NSW Production Support	A		-	-	0.720	-	-	0.299	-	-	0.679	-	-	0.615	-	-	-	-	-	0.615
10.7) BFTN Production Support	A		-	-	-	-	-	0.709	-	-	0.285	-	-	0.149	-	-	-	-	-	0.149
10.8) Navy Expeditionary C4I Production Support	A		-	-	-	-	-	-	-	-	0.042	-	-	0.040	-	-	-	-	-	0.040
10.9) MUOS SST Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) NU555 Production Support					0.796			1.086			1.230			0.933			-			0.933
11) NU777 DSA/PRE SHORE INSTALLATION DESIGN																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications						P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M										Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
11.1) DWTS DSA/ PRE Shore Installation Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) EPLRS-DR DSA/ PRE Shore Installation Design	A		-	-	0.159	-	-	0.640	-	-	-	-	-	-	-	-	-	-	-	-
11.3) HF SAR DSA/ PRE Shore Installation Design	A		-	-	0.478	-	-	-	-	-	0.364	-	-	-	-	-	-	-	-	-
11.4) BFTN DSA/ PRE Shore Installation Design	A		-	-	-	-	-	1.020	-	-	-	-	-	0.261	-	-	-	-	-	0.261
11.5) BFTN Relay DSA	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.6) MUOS SST DSA/ PRE Shore Installation Design	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) NU777 DSA/PRE SHORE INSTALLATION DESIGN</i>					0.637			1.660			0.364			0.261			-			0.261
12) NU777 Installations FMP																				
12.1) DWTS Installations FMP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.2) EPLRS-DR Installations FMP	A		-	-	-	-	-	0.956	-	-	1.094	-	-	-	-	-	-	-	-	-
12.3) Hydra Installations FMP	A		-	-	0.650	-	-	1.322	-	-	0.931	-	-	0.908	-	-	-	-	-	0.908
12.4) HF SAR Installations FMP	A		-	-	4.602	-	-	0.700	-	-	3.412	-	-	2.581	-	-	-	-	-	2.581
12.5) BFTN Installations FMP	A		-	-	-	-	-	2.400	-	-	-	-	-	0.694	-	-	-	-	-	0.694
12.6) BFTN Relay Afloat Installations FMP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.7) MUOS SST Installations FMP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) NU777 Installations FMP</i>					5.252			5.378			5.437			4.183			-			4.183
13) NU776 Installation - Ashore																				
13.1) MUOS SST Installation Ashore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) BFTN Installations Ashore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications						P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M										Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
13.3) BFTN Relay Installation Ashore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.4) Navy Expeditionary C4I Install	A		-	-	-	-	-	-	-	-	0.045	-	-	0.037	-	-	-	-	-	0.037
<i>Subtotal 13) NU776 Installation - Ashore</i>					0.000			-			0.045			0.037			-			0.037
Total					23.398			24.285			25.847			22.367			-			22.367

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications					P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M										Aggregated Item Name: Communications Items under \$5M					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) NU019 EPLRS-DR																				
† 1.1) EPLRS-DR Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) NU019 EPLRS-DR					-			-			-			-			-			-
2) NU020 DWTS ⁽¹⁾																				
2.1) DWTS Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) NU020 DWTS					-			-			-			-			-			-
3) NU237 PORTABLE RADIOS																				
† 3.1) PORT RAD - Hand Held Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) PORT RAD - Man Pack Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) NU237 PORTABLE RADIOS					-			-			-			-			-			-
4) NU238 JTRS HMS Radios																				
† 4.1) JTRS HMS Manpack Radios Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) NU238 JTRS HMS Radios					-			-			-			-			-			-
5) NU239 PORT NSW																				
† 5.1) PORT NSW Hand Held Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.2) PORT NSW Man Pack Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) NU239 PORT NSW					-			-			-			-			-			-
6) NU245 HYDRA ⁽²⁾																				
† 6.1) Hydra Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) NU245 HYDRA					-			-			-			-			-			-
7) NU295 BFTN																				
† 7.1) BFTN System Procurement ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) BFTN Relay Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M								Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
† 7.3) BFTN Fly Away Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) NU295 BFTN					-			-			-			-			-			-
8) NU790 Navy Expeditionary C4I																				
† 8.1) Navy Expeditionary C4I Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) NU790 Navy Expeditionary C4I					-			-			-			-			-			-
9) NUXXX MUOS SST																				
9.1) MUOS SST Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) NUXXX MUOS SST					-			-			-			-			-			-
10) NU555 Production Support																				
10.1) DWTS Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) EPLRS-DR Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.3) HF SAR Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.4) PORT RAD Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5) JTRS HMS Manpack Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.6) PORT NSW Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.7) BFTN Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.8) Navy Expeditionary C4I Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.9) MUOS SST Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) NU555 Production Support					-			-			-			-			-			-
11) NU777 DSA/PRE SHORE INSTALLATION DESIGN																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M								Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
11.1) DWTS DSA/ PRE Shore Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) EPLRS-DR DSA/ PRE Shore Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.3) HF SAR DSA/ PRE Shore Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4) BFTN DSA/ PRE Shore Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.5) BFTN Relay DSA	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.6) MUOS SST DSA/ PRE Shore Installation Design	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) NU777 DSA/PRE SHORE INSTALLATION DESIGN</i>					-			-			-			-			-			-
12) NU777 Installations FMP																				
12.1) DWTS Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.2) EPLRS-DR Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.3) Hydra Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.4) HF SAR Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.5) BFTN Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.6) BFTN Relay Afloat Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.7) MUOS SST Installations FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) NU777 Installations FMP</i>					-			-			-			-			-			-
13) NU776 Installation - Ashore																				
13.1) MUOS SST Installation Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) BFTN Installations Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications								P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M								Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
13.3) BFTN Relay Installation Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.4) Navy Expeditionary C4I Install	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 13) NU776 Installation - Ashore					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) FY17 and FY18 funding will replace legacy laptops and provide a new operating system to increase performance for ship to ship and ship to shore communications on LHA/LHD/LPD/LSD platforms. DWTS also includes Programmatic, Acquisition, IA, and Logistics Support as well as Shock and Vibe and Topside testing. (2) Unit costs vary with ship type and are based on the number of channels and radios in the system. (3) The average unit cost varies based on the platform (Afloat, Ashore). Quantities are aligned with ship availability.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M					Aggregated Item Name: Communications Items under \$5M			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) NU019 EPLRS-DR												
1.1) EPLRS-DR Procurement		2012	Raytheon / Fort Wayne, IN	SS / FFP	CECOM	Feb 2012	Aug 2012	6	63.667	Y		
3) NU237 PORTABLE RADIOS												
3.1) PORT RAD - Hand Held Procurement		2012	Harris Corporation / Rochester, NY	SS / FFP	SPAWAR	Jan 2012	Jun 2012	14	10.214	Y		
3.1) PORT RAD - Hand Held Procurement		2013	Harris Corporation / Rochester, NY	C / FFP	SPAWAR	Dec 2012	May 2013	11	10.398	Y		Oct 2011
3.1) PORT RAD - Hand Held Procurement		2014	Unknown / Unknown	C / FFP	SPAWAR	Dec 2013	May 2014	150	10.585	Y		Oct 2011
3.2) PORT RAD - Man Pack Procurement		2012	Harris Corporation / Rochester, NY	SS / FFP	SPAWAR	Jan 2012	Jun 2012	5	35.200	Y		
3.2) PORT RAD - Man Pack Procurement		2013	Harris Corporation / Rochester, NY	C / FFP	SPAWAR	Dec 2012	May 2013	5	35.834	Y		Oct 2011
3.2) PORT RAD - Man Pack Procurement		2014	Unknown / Unkown	C / FFP	SPAWAR	Dec 2013	May 2014	19	36.479	Y		Oct 2011
4) NU238 JTRS HMS Radios												
4.1) JTRS HMS Manpack Radios Procurement		2013 ⁽⁴⁾	General Dynamics / Scottsdale, AZ	C / FFP	SPAWAR	Oct 2012	Aug 2013	50	62.040	Y		
5) NU239 PORT NSW												
†5.1) PORT NSW Hand Held Procurement		2012	Harris Corporation / Rochester, NY	SS / FFP	SPAWAR	Oct 2011	Dec 2011	287	11.003	Y		
†5.1) PORT NSW Hand Held Procurement		2013	Harris Corporation / Rochester, NY	C / FFP	SPAWAR	Dec 2012	May 2013	440	11.202	Y		
†5.1) PORT NSW Hand Held Procurement		2014 ⁽⁵⁾	Unknown / Unknown	C / FFP	SPAWAR	Dec 2013	May 2014	498	11.403	Y		
†5.2) PORT NSW Man Pack Procurement		2012	Harris Corporation / Rochester, NY	SS / FFP	SPAWAR	Dec 2011	May 2012	266	34.605	N	Oct 2011	
†5.2) PORT NSW Man Pack Procurement		2013	Harris Corporation / Rochester, NY	C / FFP	SPAWAR	Dec 2012	May 2013	187	35.726	N	Oct 2011	
†5.2) PORT NSW Man Pack Procurement		2014 ⁽⁶⁾	Unknown / Unknown	C / FFP	SPAWAR	Dec 2013	May 2014	150	36.369	N	Oct 2011	
6) NU245 HYDRA												
6.1) Hydra Procurement		2012	Harris / Lynchburg, VA	C / IDIQ	SSC LANT	May 2012	Nov 2012	1	730.000	Y		
6.1) Hydra Procurement		2013	Harris / Lynchburg, VA	C / IDIQ	SSC LANT	Mar 2013	Sep 2013	2	1,532.500	Y		
6.1) Hydra Procurement		2014	Harris / Lynchburg, VA	C / IDIQ	SSC LANT	Jan 2014	Jul 2014	1	2,093.000	Y		
7) NU295 BFTN												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M				Aggregated Item Name: Communications Items under \$5M				
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.1) BFTN System Procurement		2012	SAIC / San Diego, CA	C / FFP	SPAWAR	Mar 2012	Jul 2012	12	183.000	Y		Aug 2011
7.1) BFTN System Procurement		2014	SAIC / San Diego, CA	C / FFP	SPAWAR	Mar 2014	Jul 2014	4	183.250	Y		Aug 2011
7.3) BFTN Fly Away Kits		2012	SAIC / San Diego, CA	C / FFP	SPAWAR	Mar 2012	Mar 2012	2	85.500	Y		Aug 2011
8) NU790 Navy Expeditionary C4I												
8.1) Navy Expeditionary C4I Procurement		2013	SSC PAC/SSC LANT / SSC PAC/SSC LANT	WR	SSC PAC/ LANTSSC PAC/LANT	Apr 2013	Jun 2013	3	233.667	Y		
8.1) Navy Expeditionary C4I Procurement		2014	SSC PAC/SSC LANT / SSC PAC/SSC LANT	WR	SSC PAC/ LANT	Dec 2013	Jan 2014	3	237.333	Y		
Footnotes: (4) New contract data unknown. (5) FY14 Production rate information for PORT NSW is not available pending new contract award. (6) FY14 Production rate information for PORT NSW is not available pending new contract award.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013																				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications												P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M												Aggregated Item Name: Communications Items under \$5M																			
Items <i>(Units in Each)</i>								Fiscal Year 2012												Fiscal Year 2013																							
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																		Calendar Year 2013										B A L								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P													
5) NU239 PORT NSW																																											
5.1) PORT NSW Hand Held Procurement																																											
All Prior Years Deliveries: 182																																											
	16	2012	NAVY	287	-	287	A -	-	287																													-					
	16	2013	NAVY	440	-	440	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	440											-						
	17	2014	NAVY	498	-	498	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	498												
5.2) PORT NSW Man Pack Procurement																																											
All Prior Years Deliveries: 230																																											
	18	2012	NAVY	266	-	266	-	-	A -	-	-	-	-	266																													-
	18	2013	NAVY	187	-	187	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	187											-						
	19	2014	NAVY	150	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013																				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M										Aggregated Item Name: Communications Items under \$5M																				
Items <i>(Units in Each)</i>							Fiscal Year 2014										Fiscal Year 2015																							
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015																							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L									
5) NU239 PORT NSW																																								
5.1) PORT NSW Hand Held Procurement																																								
All Prior Years Deliveries: 182																																								
	16	2012	NAVY	287	287	-																											-							
	16	2013	NAVY	440	440	-																											-							
	17	2014	NAVY	498	-	498	-	-	A -	-	-	-	-	-	498																		-							
5.2) PORT NSW Man Pack Procurement																																								
All Prior Years Deliveries: 230																																								
	18	2012	NAVY	266	266	-																											-							
	18	2013	NAVY	187	187	-																											-							
	19	2014	NAVY	150	-	150	-	-	A -	-	-	-	-	-	150	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications	P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M	Aggregated Item Name: Communications Items under \$5M

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Harris Corporation - Rochester, NY	100.00	500.00	1,000.00	-	2	2	4	-	2	5	7
2	Unknown - Unknown	-	-	-	-	2	5	7	-	2	5	7
3	Harris Corporation - Rochester, NY	100.00	500.00	1,000.00	-	2	5	7	-	2	5	7
4	Unknown - Unknown	-	-	-	-	2	5	7	-	2	5	7

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Communication Modernization/DAMA IW				
Models of Systems Affected: HF, VHF/UHF/SATCOM Fixed Mount Radios (AN/PSC-5D and AN/PRC-117 families, etc.)				Type Modification: DAMA IW				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2.711	2.700	2.675	5.634	-	5.634	2.609	2.553	2.598	2.654	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2.711	2.700	2.675	5.634	-	5.634	2.609	2.553	2.598	2.654	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2.711	2.700	2.675	5.634	-	5.634	2.609	2.553	2.598	2.654	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Communication Modernization/DAMA IW provides critical beyond line-of-sight C4I communications to LOS ANGELES Fast Attack Submarines(SSN 688s), and critical C4I system upgrades (HF, VHF/UHF/ SATCOM C4I communications capabilities including DAMA IW) to small ship variants (such as Mine Counter Measure (MCM), Littoral Combat Ships (LCS), Patrol Craft (PC) Radio Room communication suites, etc.)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M				Modification Nomenclature (Modification Number - Modification Title): 1 - Communication Modernization/DAMA IW				
Models of Systems Affected: HF, VHF/UHF/SATCOM Fixed Mount Radios (AN/PSC-5D and AN/PRC-117 families, etc.)			Type Modification: DAMA IW					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Communication Modernization/DAMA IW												
B Kits												
Recurring												
1.1.1) DAMA IW Submarines - NonOrganic	42 / 2.611	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 2.611
1.1.2) DAMA IW PC's - NonOrganic ⁽⁷⁾	- / -	3 / 1.881	1 / 0.638	5 / 3.249	- / -	5 / 3.249	2 / 1.323	2 / 1.336	2 / 1.360	1 / 0.692	Continuing	Continuing
1.1.3) DAMA IW DDG's - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.692	Continuing	Continuing
Subtotal Recurring	42 / 2.611	3 / 1.881	1 / 0.638	5 / 3.249	- / -	5 / 3.249	2 / 1.323	2 / 1.336	2 / 1.360	3 / 1.384	- / -	42 / 2.611
Non-Recurring												
1.2.1) DAMA IW Equipment - Organic	- / -	- / 0.411	- / 0.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.929
Subtotal Non-Recurring	- / -	- / 0.411	- / 0.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.929
Total, Communication Modernization/DAMA IW	42 / 2.611	3 / 2.292	1 / 1.156	5 / 3.249	- / -	5 / 3.249	2 / 1.323	2 / 1.336	2 / 1.360	3 / 1.384	Continuing	Continuing
Total Procurement, All Modifications	42 / 2.611	3 / 2.292	1 / 1.156	5 / 3.249	- / -	5 / 3.249	2 / 1.323	2 / 1.336	2 / 1.360	3 / 1.384	- / -	- / -
Support												
2.1) Production Support	- / 0.100	- / 0.090	- / 0.072	- / 0.113	- / -	- / 0.113	- / 0.172	- / 0.058	- / 0.057	- / 0.068	- / -	- / 0.730
2.2) DSA DAMA IW PC's	- / -	- / 0.084	- / 0.172	- / 0.551	- / -	- / 0.551	- / 0.234	- / 0.240	- / 0.245	- / 0.155	Continuing	Continuing
2.3) DSA DAMA IW DDG's	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.093	Continuing	Continuing
Total Support, All Modifications	0.100	0.174	0.244	0.664	-	0.664	0.406	0.298	0.302	0.316	-	0.730
Total Procurement and Support	2.711	2.466	1.400	3.913	-	3.913	1.729	1.634	1.662	1.700	-	0.730
Communication Modernization/DAMA IW Installation Cost	- / 0.000	- / 0.234	- / 1.275	- / 1.721	- / -	- / 1.721	- / 0.880	- / 0.919	- / 0.936	- / 0.954	- / 0.481	- / 7.400
Total Installation Cost	- / 0.000	- / 0.234	- / 1.275	- / 1.721	- / -	- / 1.721	- / 0.880	- / 0.919	- / 0.936	- / 0.954	- / 0.481	- / 7.400
Total Cost (Procurement + Support + Installation)	2.711	2.700	2.675	5.634	-	5.634	2.609	2.553	2.598	2.654	0.481	8.130

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Communication Modernization/DAMA IW																			
Models of Systems Affected: HF, VHF/UHF/SATCOM Fixed Mount Radios (AN/PSC-5D and AN/PRC-117 families, etc.)				Type Modification: DAMA IW								Related RDT&E PEs:																			
Manufacturer Information: Communication Modernization/DAMA IW																															
Manufacturer Name: Harris Corporation								Manufacturer Location: Rochester, NY																							
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 8																							
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Feb 2012		Jul 2013		Jan 2014																									
Delivery Dates		Oct 2012		Mar 2014		Sep 2014																									
Installation: Communication Modernization/DAMA IW				Method of Implementation: Method								Installation Name: Dama IW Submarines																			
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		39 / 0.000	3 / 0.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.234																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		39 / 0.000	3 / 0.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.234																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	39	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
Out	39	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications				P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Communication Modernization/DAMA IW			
Models of Systems Affected: HF, VHF/UHF/SATCOM Fixed Mount Radios (AN/PSC-5D and AN/PRC-117 families, etc.)				Type Modification: DAMA IW				Related RDT&E PEs:			

Installation: Communication Modernization/DAMA IW				Method of Implementation: Method				Installation Name: DAMA IW PC's				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	3 / 1.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.275
FY 2013	- / -	- / -	- / -	1 / 0.433	- / -	1 / 0.433	- / -	- / -	- / -	- / -	- / -	1 / 0.433
FY 2014	- / -	- / -	- / -	3 / 1.288	- / -	3 / 1.288	2 / 0.880	- / -	- / -	- / -	- / -	5 / 2.168
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.919	- / -	- / -	- / -	2 / 0.919
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.936	- / -	- / -	2 / 0.936
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.954	- / -	2 / 0.954
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.481	1 / 0.481
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	3 / 1.275	4 / 1.721	- / -	4 / 1.721	2 / 0.880	2 / 0.919	2 / 0.936	2 / 0.954	1 / 0.481	16 / 7.166

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	2	1	-	-	-	1	3	-	-	2	-	-	2	-	-	-	2	-	-	-	2	-	-	1	16
Out	-	-	-	-	-	-	-	2	1	-	-	-	1	3	-	-	2	-	-	2	-	-	-	2	-	-	-	2	-	1	16

Installation: Communication Modernization/DAMA IW				Method of Implementation: Method				Installation Name: DAMA IW DDG's				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 11: Shipboard Communications										P-1 Line Item Nomenclature: 3057 - Communications Items under \$5M										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Communication Modernization/DAMA IW											
Models of Systems Affected: HF, VHF/UHF/SATCOM Fixed Mount Radios (AN/PSC-5D and AN/PRC-117 families, etc.)										Type Modification: DAMA IW										Related RDT&E PEs:											
Installation: Communication Modernization/DAMA IW										Method of Implementation: Method										Installation Name: DAMA IW DDG's											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-		-					
FY 2018		-		-		-		-		-		-		-		-		-		-		2 / -		2 / -		2 / -					
To Complete		-		-		-		-		-		-		-		-		-		-		-		-		-					
Total		-		-		-		-		-		-		-		-		-		-		2 / -		2 / -		2 / -					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Footnotes: ⁽⁷⁾ Procurements in FY12 and FY13 are part of UHF Satellite Communications. FY14 and out represents Line of Sight Communications.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications							P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.105	11.243	4.183	7.856	-	7.856	11.237	18.828	16.422	18.629	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.105	11.243	4.183	7.856	-	7.856	11.237	18.828	16.422	18.629	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.105	11.243	4.183	7.856	-	7.856	11.237	18.828	16.422	18.629	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.114	0.609	-	-	-	0.828	0.703	0.434	-	-	2.688
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Submarine Broadcast Support program was established to improve the reliability, availability, maintainability, efficiency and performance of the Very Low Frequency (VLF) and Low Frequency (LF) submarine broadcast systems. These transmission mediums, VLF/LF, comprise the primary line of Fleet Ballistic Missile Nuclear Command, Control and Communications (NC3). Shore based transmitter sites are Emergency Action Message relay points providing primary connectivity between the Senior Leadership and Ship Submersible Ballistic Nuclear Submarines (SSBN). Upgrades to shore infrastructure include integrating Internet Protocol capability in Broadcast Control Authorities. [P40A / W4009 LBUCS, Receive]: LBUCS Receive will modernize receive subsystem hardware, software and waveforms at the Broadcast Control Authority, Broadcast Keying Site (BKS) and onboard Ohio SSBN/Ship Submersible Guided Nuclear Submarine, Seawolf, Los Angeles and Virginia class submarines. [P40A / W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nova Information eXchange Terminal (NIXT)]: Messaging NC3 (NIXT) will provide accurate and reliable delivery of time-critical messages for command and control of nuclear forces in a pre-attack environment for force direction, force management, situation monitoring and planning. Messaging NC3 HS Nova/NIXT will upgrade the Nova hubsites, backbone and procure and field the NIXT to replace end-of-life legacy user terminals at shore communications stations. [P3A / W4009 Low Band Universal Communications (LBUCS) Transmit]: LBUCS Transmit will modernize the transmit subsystem hardware, software and waveform components at Broadcast Keying Sites (BKSs) and Broadcast Transmit Sites (BTSSs), including the VLF Broadcast Builder, AN/URT-30B Integrated VLF Transmit Terminal (IVTT), IVTT Proxy, the MD-1310 Modulator, and the North Atlantic Treaty Organization (NATO) Interoperable Submarine Broadcast System (NISBS). [P3A / W4008 LaMoure Modernization]: LaMoure modernization replaces the obsolete equipment at Naval Computer & Telecommunications Area Master Station Atlantic (NCTAMS LANT) detachment, LaMoure, North Dakota. This extends the expected system life to 2025.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s):																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Submarine Broadcast Support	P40A, P5A				0.105			1.728			-			5.887			-			5.887
1 - W4009 Low Band Universal Communications (LBUCS) Transmit	P3A				0.000			-			3.392			1.969			-			1.969
2 - W4008 LaMoure Modernization	P3A				0.000			9.515			0.791			-			-			-
Total Gross/Weapon System Cost					0.105			11.243			4.183			7.856			-			7.856

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Submarine Broadcast Support	P40A, P5A				-			-			-			-			-			-
1 - W4009 Low Band Universal Communications (LBUCS) Transmit	P3A				3.706			7.896			3.386			-			-			20.349
2 - W4008 LaMoure Modernization	P3A				-			-			-			-			-			10.306
Total Gross/Weapon System Cost					11.237			18.828			16.422			18.629	Continuing			Continuing		

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

LBUCS Transmit: FY14 funding will provide for the installation of the first Low Rate Initial Production (LRIP) units.
NOVA/NIXT: FY14 funding will provide procurement and initial installation of Nova and NIXT systems.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications								P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support							Aggregated Item Name: Submarine Broadcast Support						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
1) W4009 LBUCS, Receive																					
1.1) LBUCS Receive Equipment ⁽¹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) W4009 LBUCS, Receive					0.000			-			-			-			-			-	
2) W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nov																					
† 2.1) Nova Equipment ⁽²⁾	A		-	-	-	-	-	-	-	-	-	206.000	5	1.030	-	-	-	206.000	5	1.030	
† 2.2) NIXT Equipment ⁽³⁾	A		-	-	-	19.220	50	0.961	-	-	-	35.556	45	1.600	-	-	-	35.556	45	1.600	
Subtotal 2) W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nov					-			0.961			-			2.630			-			2.630	
3) W4555 Production Support																					
3.1) LBUCS Receive Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Nova Production Support	A		-	-	-	-	-	-	-	-	-	-	-	0.060	-	-	-	-	-	0.060	
3.3) NIXT Production Support	A		-	-	-	-	-	-	-	-	-	-	-	0.093	-	-	-	-	-	0.093	
Subtotal 3) W4555 Production Support					0.000			-			-			0.153			-			0.153	
4) W4776 Ashore Installations																					
4.1) LBUCS Receive Installation Ashore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.2) Bushings Installation ⁽⁴⁾	A		-	-	0.105	-	-	0.150	-	-	-	-	-	-	-	-	-	-	-	-	
4.3) Nova Installation	A		-	-	-	-	-	-	-	-	-	-	-	0.404	-	-	-	-	-	0.404	
4.4) NIXT Installation	A		-	-	-	-	-	0.617	-	-	-	-	-	2.700	-	-	-	-	-	2.700	
Subtotal 4) W4776 Ashore Installations					0.105			0.767			-			3.104			-			3.104	
5) W4777 Afloat Installations																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications						P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support										Aggregated Item Name: Submarine Broadcast Support				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5.1) LBUCS Receive Installation Afloat	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) W4777 Afloat Installations</i>					0.000			-			-			-			-			-
Total					0.105			1.728			-			5.887			-			5.887

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications								P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support							Aggregated Item Name: Submarine Broadcast Support					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) W4009 LBUCS, Receive																				
1.1) LBUCS Receive Equipment ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) W4009 LBUCS, Receive					-			-			-			-			-			-
2) W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nov																				
† 2.1) Nova Equipment ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) NIXT Equipment ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nov					-			-			-			-			-			-
3) W4555 Production Support																				
3.1) LBUCS Receive Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Nova Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) NIXT Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) W4555 Production Support					-			-			-			-			-			-
4) W4776 Ashore Installations																				
4.1) LBUCS Receive Installation Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Bushings Installation ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Nova Installation	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) NIXT Installation	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) W4776 Ashore Installations					-			-			-			-			-			-
5) W4777 Afloat Installations																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications						P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support						Aggregated Item Name: Submarine Broadcast Support									

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5.1) LBUCS Receive Installation Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal 5) W4777 Afloat Installations</i>					-			-			-			-			-		-	
Total					-			-			-			-			-		-	

Footnotes:

(1) Unit Cost fluctuation due to Economic Order Quantity (EOQ).

(2) Unit cost fluctuation is due to procurement of variable systems to support Nova configurations.

(3) Unit cost fluctuation is due to procurement of variable systems to support NIXT configurations.

(4) Bushing installed in FY12 was procured in FY09. Due to the strategic mission and operational demands of the Fixed Submarine Broadcast System (FSBS), Bushing installation for VLF Cutler, Maine occurred in FY12.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support					Aggregated Item Name: Submarine Broadcast Support			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) W4010 Messaging Nuclear Command Control Communications (NC3) Hybrid Solution (HS) Nova/Nov												
2.1) Nova Equipment		2014	TBD / TBD	TBD	TBD	Oct 2013	Dec 2013	5	206.000	N	Sep 2012	
2.2) NIXT Equipment		2012	SSC PAC / San Diego, CA	C / FFP	SSC SD	Jun 2012	Aug 2012	50	19.220	Y		
2.2) NIXT Equipment		2014	TBD / TBD	C / TBD	** NO PCO **	Oct 2013	Dec 2013	45	35.556	Y		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - W4009 Low Band Universal Communications (LBUCS) Transmit			
Models of Systems Affected: VLF Broadcast System			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0101402N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	3.392	1.969	-	1.969	3.706	7.896	3.386	-	-	20.349
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	3.392	1.969	-	1.969	3.706	7.896	3.386	-	-	20.349
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	3.392	1.969	-	1.969	3.706	7.896	3.386	-	-	20.349
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: LBUCS Transmit will modernize the transmit subsystem hardware, software and waveform components at Broadcast Keying Sites (BKSs) and Broadcast Transmit Sites (BTSSs), including the Very Low Frequency (VLF) Broadcast Builder, AN/URT-30B Integrated VLF Transmit Terminal (IVTT), IVTT Proxy, the MD-1310 Modulator, and the North Atlantic Treaty Organization (NATO) Interoperable Submarine Broadcast System (NISBS).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support					Modification Nomenclature (Modification Number - Modification Title): 1 - W4009 Low Band Universal Communications (LBUCS) Transmit				
Models of Systems Affected: VLF Broadcast System			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0101402N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
W4009 Low Band Universal Communications (LBUCS) Transmit													
B Kits													
Recurring													
1.1.1) Broadcast Keying Site - NonOrganic ⁽⁵⁾	- / -	- / -	2 / 1.834	- / -	- / -	- / -	26 / 3.515	- / -	- / -	- / -	- / -	28 / 5.349	
1.1.2) Broadcast Transmit Site - NonOrganic	- / -	- / -	3 / 1.389	- / -	- / -	- / -	- / -	21 / 4.933	- / -	- / -	- / -	24 / 6.322	
Subtotal Recurring	- / -	- / -	5 / 3.223	- / -	- / -	- / -	26 / 3.515	21 / 4.933	- / -	- / -	- / -	52 / 11.671	
Total, W4009 Low Band Universal Communications (LBUCS) Transmit	- / -	- / -	5 / 3.223	- / -	- / -	- / -	26 / 3.515	21 / 4.933	- / -	- / -	- / -	52 / 11.671	
Total Procurement, All Modifications	- / -	- / -	5 / 3.223	- / -	- / -	- / -	26 / 3.515	21 / 4.933	- / -	- / -	- / -	52 / 11.671	
Support													
2.1) Production Support	- / -	- / -	- / 0.169	- / -	- / -	- / -	- / 0.191	- / 0.266	- / -	- / -	- / -	- / 0.626	
Total Support, All Modifications	-	-	0.169	-	-	-	0.191	0.266	-	-	-	0.626	
Total Procurement and Support	-	-	3.392	-	-	-	3.706	5.199	-	-	-	12.297	
W4009 Low Band Universal Communications (LBUCS) Transmit Installation Cost	- / 0.000	- / -	- / -	- / 1.969	- / -	- / 1.969	- / -	- / 2.697	- / 3.386	- / -	- / -	- / 8.052	
Total Installation Cost	- / 0.000	- / -	- / -	- / 1.969	- / -	- / 1.969	- / -	- / 2.697	- / 3.386	- / -	- / -	- / 8.052	
Total Cost (Procurement + Support + Installation)	0.000	-	3.392	1.969	-	1.969	3.706	7.896	3.386	-	-	20.349	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - W4009 Low Band Universal Communications (LBUCS) Transmit												
Models of Systems Affected: VLF Broadcast System					Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0101402N																	
Manufacturer Information: W4009 Low Band Universal Communications (LBUCS) Transmit																																
Manufacturer Name: TBD ⁽⁶⁾															Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 10															Production Leadtime (<i>in Months</i>): 2																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates						Aug 2013																										
Delivery Dates						Oct 2013																										
Installation: W4009 Low Band Universal Communications (LBUCS) Transmit										Method of Implementation: Alteration Installation Team										Installation Name: Broadcast Keying & Transmit Sites												
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		5 / 1.969		- / -		5 / 1.969		- / -		- / -		- / -		- / -		- / -		- / -		5 / 1.969						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		26 / 2.697		- / -		- / -		- / -		- / -		26 / 2.697						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		21 / 3.386		- / -		- / -		- / -		21 / 3.386						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -		- / -		- / -		5 / 1.969		- / -		5 / 1.969		- / -		26 / 2.697		21 / 3.386		- / -		- / -		- / -		52 / 8.052						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	10	7	5	4	7	7	7	-	-	-	-	-	52
Out	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	10	7	5	4	7	7	7	-	-	-	-	-	52
Footnotes: ⁽⁵⁾ 1) Installation costs for BKS and BTS equipment vary due to unique site configurations and mix of Continental United States (CONUS) and OCONUS installation locations. 2) LBUCS Transmit equipment and cables will be installed in racks and must go through acceptance and integration testing prior to installation. Testing requires 6-9 months.																																

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - W4009 Low Band Universal Communications (LBUCS) Transmit
Models of Systems Affected: VLF Broadcast System	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
⁽⁶⁾ 10 Month ALT is due to LBUCS Transmit achieving Milestone C in 3Q of 2013, and LRIP starting in 4Q of 2013.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support	Modification Nomenclature (Modification Number - Modification Title): 2 - W4008 LaMoure Modernization

Models of Systems Affected: VLF Transmitter			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	9.515	0.791	-	-	-	-	-	-	-	-	10.306
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	9.515	0.791	-	-	-	-	-	-	-	-	10.306
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	9.515	0.791	-	-	-	-	-	-	-	-	10.306

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

LaMoure modernization replaces the obsolete equipment at Naval Computer & Telecommunications Area Master Station Atlantic (NCTAMS LANT) detachment, LaMoure, North Dakota. This extends the expected system life to 2025.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support					Modification Nomenclature (Modification Number - Modification Title): 2 - W4008 LaMoure Modernization				
Models of Systems Affected: VLF Transmitter			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
W4008 LaMoure Modernization													
B Kits													
Recurring													
1.1.1) LaMoure Equipment - NonOrganic	- / -	1 / 8.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.537	
Subtotal Recurring	- / -	1 / 8.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.537	
Total, W4008 LaMoure Modernization	- / -	1 / 8.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.537	
Total Procurement, All Modifications	- / -	1 / 8.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.537	
Support													
2.1) LaMoure Production Support ⁽⁷⁾	- / -	- / 0.978	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.978	
Total Support, All Modifications	-	0.978	-	-	-	-	-	-	-	-	-	0.978	
Total Procurement and Support	-	9.515	-	-	-	-	-	-	-	-	-	9.515	
W4008 LaMoure Modernization Installation Cost	- / 0.000	- / -	- / 0.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.791	
Total Installation Cost	- / 0.000	- / -	- / 0.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.791	
Total Cost (Procurement + Support + Installation)	0.000	9.515	0.791	-	-	-	-	-	-	-	-	10.306	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3107 - Submarine Broadcast Support										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - W4008 LaMoure Modernization											
Models of Systems Affected: VLF Transmitter					Type Modification: [No Modification Type Specified]										Related RDT&E PEs:																
Manufacturer Information: W4008 LaMoure Modernization																															
Manufacturer Name: SSC LANT ⁽⁸⁾															Manufacturer Location: Charleston, SC																
Administrative Leadtime (<i>in Months</i>): 7															Production Leadtime (<i>in Months</i>): 12																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		May 2012																													
Delivery Dates		May 2013																													
Installation: W4008 LaMoure Modernization										Method of Implementation: [none specified]										Installation Name: LaMoure Equipment											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	1 / 0.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.791																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	1 / 0.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.791																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Footnotes: ⁽⁷⁾ Increased production support for FY12 LaMoure Modernization due to the first and only year of procuring a unique system, which requires increased contractor and government personnel support and specialized government furnished equipment and information. ⁽⁸⁾ Funding sent to SSC Atlantic where multiple contracts were awarded.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	854.354	75.198	69.025	74.376	-	74.376	73.068	55.737	76.117	80.416	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	854.354	75.198	69.025	74.376	-	74.376	73.068	55.737	76.117	80.416	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	854.354	75.198	69.025	74.376	-	74.376	73.068	55.737	76.117	80.416	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	2.159	4.897	1.113	-	1.113	0.681	0.477	1.211	0.378	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

PROGRAM COVERAGE: The Submarine Communications Program mission is to create a common, automated, open system architecture radio room for all submarine classes. The program provides for the procurement and installation of systems incorporating the technical advances of network centric warfare to allow the submarine force to communicate as part of the Battle Group. The program addresses the unique demands of submarine communications, obsolescence issues and higher data rate requirements.

[P40A / L0035 Antenna Modifications]: - Antenna modifications provide for the procurement and installation of field change kits of legacy antenna equipments (AN/BRR-6/6B, OE-315, AN/BRA-24, AN/BRA-6B, BRT-1/1A). These modifications address performance issues, improve reliability and maintainability, decrease vulnerability, and provide cost effective technology refresh. Modifications are applicable to all submarine classes (LOS ANGELES, SEAWOLF, OHIO SSBN/SSGN, and VIRGINIA) and are implemented on a Fleet priority basis.

[P40A / L0080 OE-538/BRC Inc 2]: OUTBOARD ELECTRONICS (OE)-538 & OE-592 ANTENNA GROUP - The OE-538 system is currently installed on all submarine classes. The Increment 2 effort upgrades the system to support emerging submarine communications requirements: Mobile User Objective System (MUOS), Link-16 Tactical Data Link, Iridium, and Global Positioning System (GPS) Anti-Jam (AJ).

[P40A / L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements]: - The BRR-6/6B reliability improvements provide for the procurement and installation of field change kits of the Towed Buoy Antenna to improve system performance (measured by operational availability) and reliability (measured by mean time between failures); improvements are applicable to SSBN only.

[P3A / L0087 High Data Rate Antenna]: SUBMARINE HIGH DATA RATE (SubHDR) SATELLITE COMMUNICATIONS SYSTEM - The Submarine HDR system provides submarines with antennas that have the bandwidth, gain, and flexibility to meet the stated Commander, Submarine Force, United States Atlantic Fleet/Commander, Submarine Force, US Pacific Fleet (COMSUBLANT/COMSUBPAC) requirements for HDR communications in the Super High Frequency (SHF) and Extremely High Frequency (EHF) frequency spectrums. The Global Broadcast System (GBS) modification kit is required to provide the full 1 GHz bandwidth available over the Wideband Global SATCOM (WGS) system. This kit modifies components in the SubHDR antenna to increase the current reception bandwidth from 500 MHz to 1 GHz without altering the number of GBS channels, channel bandwidth, or throughput. The SHF modification separates the SHF transmit and receive paths within the SubHDR antenna to conform to the Defense Information Systems Agency (DISA) standards of transmit and receive isolation. The Radome provides a watertight enclosure for the antenna and associated electronics, as well as being a transparent window for Radio Frequency, (RF) communication signals to pass through. The Reliability, Maintainability, and Availability (RMA) kits are required to maintain the Operational Availability (Ao) throughout the life of the antenna.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications		P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		

[P3A / L0084 CSRR-SSBN (OHIO)]: COMMON SUBMARINE RADIO ROOM (CSRR) (L0084) - The CSRR is a completely interoperable submarine communications system operating within the FORCEnet architecture, which provides consistent and reliable two-way, modern, Internet Protocol (IP) connectivity to joint and combined forces. This evolutionary system achieves unmatched capability, cost reduction, and future technology integration via a multimedia, circuit sharing, and Commercial Off-The-Shelf (COTS) based open architecture that serves as the shipboard automated communications control system. The CSRR leverages investment in VIRGINIA External Communication System (ECS) Shipbuilding Conversion, Navy (SCN funded) to modernize/update and provide a common functional baseline, as well as commonality of hardware and software across all submarine classes. Procurement in this line is for the radio room workstations, chassis, common power supplies, power distribution units, cabling, mounting kits and ancillary components required to integrate submarine communication equipment. The Radio Frequency Distribution and Control System (RFDACS) technology update brings COTS functionality and supportability to the Submarine antenna system. This procurement supports LOS ANGELES, SEAWOLF, VIRGINIA and OHIO class submarines.

[P3A / L0097 Submarine Local Area Network]: Funds a robust shipboard backbone Information Technology (IT) network with multiple classification enclaves that, along with the SubHDR antenna and Automated Digital Network System (ADNS), provides end-to-end wideband connectivity to the global Defense Information System Networks (DISN) (Secret Internet Protocol Router Network and Nonclassified Internet Protocol Router Network). SubLAN is designed in accordance with the IT for the 21st Century fleet initiative, and thus SubLAN will support greatly improved connectivity to, and interoperability with, the carrier battle group (CVBG) commander, thereby achieving network-centric warfare, and with shore commands. The SubLAN network is enhanced for mission-critical tactical applications, and as such SubLAN forms the medium that will interconnect Sonar, Combat, Electronic Surveillance Measures, Radio, etc., and permits the seamless exchange of warfighting tactical data between these systems and with the CVBG commander. The SubLAN tactical backbone replicates the functionality of the United States Ship (USS) Virginia class network architecture, allowing back fit of VIRGINIA class tactical subsystem modernization into existing submarines. The SubLAN shipboard IT infrastructure is being designed as an all-COTS, open-system architecture such that it will permit other electronic subsystem programs to rely on SubLAN for subsystem interconnectivity (rather than having each subsystem install its own IT network); the revolutionary approach of treating the shipboard network as a basic utility (like water, power and lighting) will support the efficient and economic modernization of the various electronic subsystems.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Submarine Communication Equipment	P40A, P5A				64.149			3.111			1.734			2.812			-			2.812
1 - L0087 High Data Rate Antenna	P3A				379.273			9.712			6.345			6.681			-			6.681
2 - L0084 CSRR-SSBN (OHIO)	P3A				181.202			0.840			8.392			11.129			-			11.129
3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades	P3A				16.076			4.287			7.321			2.933			-			2.933
4 - L0084 CSRR-SSN (SEAWOLF)	P3A				39.235			0.835			3.876			5.592			-			5.592
5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades	P3A				18.386			10.483			7.863			4.968			-			4.968
6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades	P3A				34.452			40.407			29.650			34.302			-			34.302

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications											P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
7 - L0097 Submarine Local Area Network	P3A				121.581			5.523			3.844			5.959			-			5.959
Total Gross/Weapon System Cost					854.354			75.198			69.025			74.376			-			74.376

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Submarine Communication Equipment	P40A, P5A			-			-			-			-			-			-	
1 - L0087 High Data Rate Antenna	P3A			5.281			6.214			4.408			3.483			131.273			552.670	
2 - L0084 CSRR-SSBN (OHIO)	P3A			10.507			8.922			13.981			9.400			Continuing			Continuing	
3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades	P3A			2.961			1.700			0.675			2.661			Continuing			Continuing	
4 - L0084 CSRR-SSN (SEAWOLF)	P3A			3.738			-			0.670			1.325			Continuing			Continuing	
5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades	P3A			11.427			10.642			6.521			4.513			Continuing			Continuing	
6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades	P3A			21.302			13.624			15.894			8.596			Continuing			Continuing	
7 - L0097 Submarine Local Area Network	P3A			3.900			3.895			3.969			4.051			Continuing			Continuing	
Total Gross/Weapon System Cost				73.068			55.737			76.117			80.416			Continuing			Continuing	

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

- FY14 Antenna Modifications: Procure and install multiple field change kits for the AN/BRR-6/6B Towed Buoy Antenna, Outboard Electronics (OE)-315 Floating Wire Antenna Systems, BRA-24 Antenna Transfer Assembly, and AN/BRA-6B Tuning Group to improve their reliability and maintainability.
- FY14 Towed Buoy Antenna (BRR-6/6B): Procure and install multiple field change kits to improve system performance (measured by operational availability) and reliability (measured by mean time between failure).
- FY14 CSRR: Implements CSRR on LOS ANGELES class submarines and modernizes CSRR on OHIO, SEAWOLF and VIRGINIA platforms.
- FY14 SubHDR: Continues procurement of new radomes to replace existing cracking radomes.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications								P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment							Aggregated Item Name: Submarine Communication Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) L0035 Antenna Modifications																				
† 1.1) Antenna Modifications ⁽¹⁾	A		234.889	72	16.912	66.191	47	3.111	86.700	20	1.734	33.140	57	1.889	-	-	-	33.140	57	1.889
Subtotal 1) L0035 Antenna Modifications					16.912			3.111			1.734			1.889			-			1.889
2) L0080 OE-538/BRC Inc 2																				
2.1) Increment 2 Upgrade Kits ⁽²⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) ShipALT/ DSA Nonrecurring	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Production Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Other (DSA Recurring)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Installation INC2 Upgrade Kits	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) L0080 OE-538/ BRC Inc 2					0.000			-			-			-			-			-
3) CSRR - Support Systems Mod Kits (Increment 1 Ver 3, 4 & 5) ⁽³⁾																				
3.1) Kit Quantity	A		3,029.750	8	24.238	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Equipment - Mod Kits Inc 1 Ver 3 ⁽⁴⁾	A		1,805.333	3	5.416	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) Equipment - Mod Kits Inc 1 Ver 4	A		-	-	-	-	-	-	-	-	-	193.500	2	0.387	-	-	-	193.500	2	0.387
3.4) Equipment - Mod Kits Inc 1 Ver 5	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Equipment - MRTS	A		226.857	14	3.176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	A		-	-	1.827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Environmental Qual. Testing	A		-	-	6.427	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) ShipALT/EFR	A		-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) Production Support	A		-	-	1.350	-	-	-	-	-	-	-	-	0.110	-	-	-	-	-	0.110
3.10) Installation of Hardware	A		537.875	8	4.303	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) CSRR - Support Systems Mod Kits (Increment 1 Ver 3, 4 & 5)					47.237			-			-			0.497			-			0.497

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications							P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment							Aggregated Item Name: Submarine Communication Equipment						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
4) L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements (5)																				
† 4.1) Reliability Improvements (6)	A		-	-	-	-	-	-	-	-	-	4.260	100	0.426	-	-	-	4.260	100	0.426
Subtotal 4) L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements					-			-			-			0.426			-			0.426
Total					64.149			3.111			1.734			2.812			-			2.812

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications								P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment								Aggregated Item Name: Submarine Communication Equipment				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) L0035 Antenna Modifications																				
† 1.1) Antenna Modifications ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) L0035 Antenna Modifications</i>					-			-			-			-			-			-
2) L0080 OE-538/BRC Inc 2																				
2.1) Increment 2 Upgrade Kits ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) ShipALT/ DSA Nonrecurring	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Other (DSA Recurring)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Installation INC2 Upgrade Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) L0080 OE-538/ BRC Inc 2</i>					-			-			-			-			-			-
3) CSRR - Support Systems Mod Kits (Increment 1 Ver 3, 4 & 5) ⁽³⁾																				
3.1) Kit Quantity	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Equipment - Mod Kits Inc 1 Ver 3 ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) Equipment - Mod Kits Inc 1 Ver 4	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Equipment - Mod Kits Inc 1 Ver 5	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Equipment - MRTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Environmental Qual. Testing	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) ShipALT/EFR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.10) Installation of Hardware	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) CSRR - Support Systems Mod Kits (Increment 1 Ver 3, 4 & 5)</i>					-			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications									P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment						Aggregated Item Name: Submarine Communication Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
4) L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements (5)																				
† 4.1) Reliability Improvements (6)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) Antenna Modifications quantities and unit costs vary based on system (e.g. BRR-6, OE-315, BRA-24, etc.) and complexity of field change kits. Funds are sent to NUWC Newport and distributed to various contractors based on systems to be purchased. (2) OE-538 Increment 2 unit cost varies by submarine class. Twenty-six (26) OE-538 Increment 2 systems do not require platform installation funding. These systems include twenty-one (21) rotatable pools, two (2) test assets for First Article Test, and three (3) lab assets (two (2) SSBN/SSGN ITF; one (1) LOS ANGELES ITF). (3) CSRR modernization unit kit cost is different for each versions configuration. (4) Reconfigurable lab assets for VIRGINIA/SEAWOLF, OHIO, LOS ANGELES modernization. Installation cost included in procurement (Turnkey). (5) AN/BRR-6/6B previously funded under Antenna Modifications for FY13 and prior years. (6) Towed Buoy Antenna quantities and unit cost vary based on complexity of component field change kits. Funds are sent to NSWC Carderock Philadelphia and NUWC Newport and distributed to various contractors based on components to be purchased.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications			P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment						Aggregated Item Name: Submarine Communication Equipment			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) L0035 Antenna Modifications												
1.1) Antenna Modifications		2012	NDI Engineering Company / Thorofare, NJ	C / CPFF	NSWC Phil	Oct 2011	Sep 2012	47	66.191	Y		Apr 2011
1.1) Antenna Modifications		2013	Unknown / Unknown	C / CPFF	NSWC Phil	Oct 2012	Jul 2013	20	86.700	Y		Apr 2012
1.1) Antenna Modifications		2014	Unknown / Unknown	C / CPFF	NSWC Phil	Oct 2013	Jul 2014	57	33.140	Y		Apr 2012
3) CSRR - Support Systems Mod Kits (Increment 1 Ver 3, 4 & 5)												
3.3) Equipment - Mod Kits Inc 1 Ver 4		2014	CGI Federal / Montreal, Canada	C / CPIF	SSC LANT	Jan 2014	Jan 2015	2	193.500	Y		Aug 2008
4) L0099 Towed Buoy Antenna (BRR-6/6B) Reliability Improvements												
4.1) Reliability Improvements		2014 ⁽⁷⁾	Unknown / Unknown	C / FFP	NSWC Phil	Mar 2014	Dec 2014	100	4.260	Y		Oct 2013
Footnotes: ⁽⁷⁾ BRR-6 reliability improvements quantities and unit costs vary based on complexity of component field change kits. Funds are sent to NSWC Carderock Philadelphia NUWC Newport and distributed to various contractors based on systems components to be purchased.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment	Modification Nomenclature (Modification Number - Modification Title): 1 - L0087 High Data Rate Antenna

Models of Systems Affected: [No Model Specified]	Type Modification: Individual Modification Program	Related RDT&E PEs: 0604503N

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	379.273	9.712	6.345	6.681	-	6.681	5.281	6.214	4.408	3.483	131.273	552.670
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	379.273	9.712	6.345	6.681	-	6.681	5.281	6.214	4.408	3.483	131.273	552.670
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	379.273	9.712	6.345	6.681	-	6.681	5.281	6.214	4.408	3.483	131.273	552.670

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Installation of High Data Rate Antenna (SubHDR)

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 1 - L0087 High Data Rate Antenna				
Models of Systems Affected: [No Model Specified]			Type Modification: Individual Modification Program					Related RDT&E PEs: 0604503N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
L0087 High Data Rate Antenna												
B Kits												
Recurring												
1.1.1) Equipment - SubHDR - NonOrganic ⁽⁸⁾	80 / 236.424	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 236.424
1.1.2) Installation Kits - Organic	53 / 8.777	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 8.777
1.1.3) Kit Upgrades - Organic	- / 2.298	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.298
1.1.4) GBS/SHF Kit Upgrades - NonOrganic ⁽⁹⁾	81 / 20.910	6 / 1.899	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	87 / 22.809
1.1.5) GBS Kits - NonOrganic ⁽¹⁰⁾	20 / 0.718	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.718
1.1.6) Replacement Radomes - NonOrganic ⁽¹¹⁾	- / -	24 / 6.240	20 / 4.600	22 / 5.060	- / -	22 / 5.060	16 / 3.680	21 / 4.830	12 / 2.760	- / -	- / -	115 / 27.170
1.1.7) RMA Kits - NonOrganic ⁽¹²⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.874	111 / 72.233	115 / 75.107
1.1.8) Support Equipment - Organic	3 / 1.938	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.938
Subtotal Recurring	237 / 271.065	30 / 8.139	20 / 4.600	22 / 5.060	- / -	22 / 5.060	16 / 3.680	21 / 4.830	12 / 2.760	4 / 2.874	111 / 72.233	473 / 375.241
Total, L0087 High Data Rate Antenna	237 / 271.065	30 / 8.139	20 / 4.600	22 / 5.060	- / -	22 / 5.060	16 / 3.680	21 / 4.830	12 / 2.760	4 / 2.874	111 / 72.233	473 / 375.241
Total Procurement, All Modifications	237 / 271.065	30 / 8.139	20 / 4.600	22 / 5.060	- / -	22 / 5.060	16 / 3.680	21 / 4.830	12 / 2.760	4 / 2.874	111 / 72.233	473 / 375.241
Support												
2.1) Production Support	- / 5.922	- / 0.446	- / 0.408	- / 0.428	- / -	- / 0.428	- / 0.375	- / 0.391	- / 0.383	- / 0.338	- / -	- / 8.691
2.2) Other (DSA)	- / 5.704	- / 0.127	- / 0.137	- / 0.193	- / -	- / 0.193	- / 0.126	- / 0.193	- / 0.265	- / 0.271	- / -	- / 7.016
Total Support, All Modifications	11.626	0.573	0.545	0.621	-	0.621	0.501	0.584	0.648	0.609	-	15.707
Total Procurement and Support	282.691	8.712	5.145	5.681	-	5.681	4.181	5.414	3.408	3.483	72.233	390.948
L0087 High Data Rate Antenna Installation Cost	- / 96.582	- / 1.000	- / 1.200	- / 1.000	- / -	- / 1.000	- / 1.100	- / 0.800	- / 1.000	- / -	- / 59.040	- / 161.722
Total Installation Cost	- / 96.582	- / 1.000	- / 1.200	- / 1.000	- / -	- / 1.000	- / 1.100	- / 0.800	- / 1.000	- / -	- / 59.040	- / 161.722
Total Cost (Procurement + Support + Installation)	379.273	9.712	6.345	6.681	-	6.681	5.281	6.214	4.408	3.483	131.273	552.670

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - L0087 High Data Rate Antenna											
Models of Systems Affected: [No Model Specified]										Type Modification: Individual Modification Program										Related RDT&E PEs: 0604503N											
Manufacturer Information: L0087 High Data Rate Antenna																															
Manufacturer Name: Raytheon -GBS/SHF Kit Upgrades ⁽¹³⁾														Manufacturer Location: Marlborough, MA																	
Administrative Leadtime (<i>in Months</i>): 8														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jun 2012																													
Delivery Dates		Jun 2013																													
Manufacturer Name: Raytheon ⁽¹⁴⁾														Manufacturer Location: Marlborough, MA																	
Administrative Leadtime (<i>in Months</i>): 4														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Sep 2012				Feb 2013				Feb 2014																					
Delivery Dates		Sep 2013				Feb 2014				Feb 2015																					
Installation: L0087 High Data Rate Antenna										Method of Implementation: [none specified]										Installation Name: High Data Rate Antenna											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		139 / 96.582	25 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	164 / 97.582																		
FY 2012		- / -	- / -	24 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 1.200																		
FY 2013		- / -	- / -	- / -	20 / 1.000	- / -	20 / 1.000	- / -	- / -	- / -	- / -	- / -	20 / 1.000																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	22 / 1.100	- / -	- / -	- / -	- / -	22 / 1.100																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.800	- / -	- / -	- / -	16 / 0.800																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.000	- / -	- / -	20 / 1.000																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.240	4 / 0.240																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	98 / 58.800	98 / 58.800																		
Total		139 / 96.582	25 / 1.000	24 / 1.200	20 / 1.000	- / -	20 / 1.000	22 / 1.100	16 / 0.800	20 / 1.000	- / -	102 / 59.040	368 / 161.722																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	139	6	6	7	6	-	-	-	-	4	16	20	4	-	4	12	6	-	4	12	-	-	4	12	4	-	-	-	-	102	368
Out	139	6	6	7	6	-	-	-	-	4	16	20	4	-	4	12	6	-	4	12	-	-	4	12	4	-	-	-	-	102	368

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - L0087 High Data Rate Antenna
Models of Systems Affected: [No Model Specified]	Type Modification: Individual Modification Program	Related RDT&E PEs: 0604503N
Installation: L0087 High Data Rate Antenna	Method of Implementation: Organic - Installation Kits	Installation Quantity: 53
Installation: L0087 High Data Rate Antenna	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 3
Footnotes: ⁽⁸⁾ Ten (10) SubHDR systems do not require installation funding. These systems include: three (3) Land Base System assets, seven (7) units assigned as a rotatable pool to accommodate equipment refurbishment. - Installation quantities include antenna and kit quantities. - FY08 Kit installations were delayed due to late deliveries from the vendor. This late delivery had a ripple effect for all installations in the follow on years. ⁽⁹⁾ Thirteen (13) GBS/SHF Kit procurements do not require installation funding. Included in this are seven (7) kits procured in FY09 and six (6) kits procured in FY12. These kits are for the three (3) Land Base System assets, seven (7) units assigned as a rotatable pool, one (1) unit for spares, and two (2) units for Navy Multiband Terminal (NMT) program. ⁽¹⁰⁾ The twenty (20) GBS kits were procured to align with the twenty (20) SHF only kits received from the vendor as part of consideration via a contract modification, resulting in 20 complete GBS/SHF kits, and a total of 107 GBS/SHF kits. ⁽¹¹⁾ 24 Replacement Radomes procured in FY12 will be installed in FY14 as a result of a delay in contract award until 4th quarter FY12. Additional thirty five (35) antennas procured as follows: twenty-four (24) Ship Construction Navy (SCN) which are transitioning to Fleet Modernization Program (FMP); one (1) for spares; two (2) units for Navy Multi-Band Terminal (NMT) Program; and eight (8) SCN Virginia Class Flight III, resulting in a requirement for 115 Replacement Radomes and 115 RMA kits. Thirteen (13) Replacement Radomes do not require Installation funds: One (1) in FY16 and twelve (12) in FY17. ⁽¹²⁾ Thirteen (13) RMA Kits do not require Installation funds in FY CTC. ⁽¹³⁾ GBS/SHF Kits Upgrades ⁽¹⁴⁾ Replacement Radomes		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications			P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (Modification Number - Modification Title): 2 - L0084 CSRR-SSBN (OHIO)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604503N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	181.202	0.840	8.392	11.129	-	11.129	10.507	8.922	13.981	9.400	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	181.202	0.840	8.392	11.129	-	11.129	10.507	8.922	13.981	9.400	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	181.202	0.840	8.392	11.129	-	11.129	10.507	8.922	13.981	9.400	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ## The FY 2014 OCO Request will be submitted at a later date Description: Installation of CSRR upgrades on SSBN (OHIO) Class submarines.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (Modification Number - Modification Title): 2 - L0084 CSRR-SSBN (OHIO)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
L0084 CSRR-SSBN (OHIO)													
B Kits													
Recurring													
1.1.1) Equipment - Baseline (Increment 1 Ver 0) - NonOrganic ⁽¹⁵⁾	14 / 101.697	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 101.697	
1.1.2) Equipment - Mod Kits Increment 1 Ver 1 - NonOrganic ⁽¹⁶⁾	13 / 6.727	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 6.727	
1.1.3) Equipment - RFDACS Mod Kits Increment 1 Ver 1 - NonOrganic	14 / 7.337	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 7.337	
1.1.4) Equipment - Mod Kits Increment 1 Ver 3 - NonOrganic ⁽¹⁷⁾	- / -	- / -	3 / 5.310	3 / 5.469	- / -	3 / 5.469	2 / 3.756	2 / 3.756	4 / 7.736	- / -	Continuing	Continuing	
1.1.5) Equipment - Mod Kits Increment 1 Ver 4 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.500	4 / 1.030	3 / 0.771	Continuing	Continuing	
1.1.6) Equipment - RFDACS - Organic ⁽¹⁸⁾	15 / 11.016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 11.016	
Subtotal Recurring	56 / 126.777	- / -	3 / 5.310	3 / 5.469	- / -	3 / 5.469	2 / 3.756	4 / 4.256	8 / 8.766	3 / 0.771	- / -	56 / 126.777	
Total, L0084 CSRR-SSBN (OHIO)	56 / 126.777	- / -	3 / 5.310	3 / 5.469	- / -	3 / 5.469	2 / 3.756	4 / 4.256	8 / 8.766	3 / 0.771	Continuing	Continuing	
Total Procurement, All Modifications	56 / 126.777	- / -	3 / 5.310	3 / 5.469	- / -	3 / 5.469	2 / 3.756	4 / 4.256	8 / 8.766	3 / 0.771	- / -	- / -	
Support													
2.1) Engineering Nonrecurring	- / 3.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.166	
2.2) Production Facility Establishment	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	
2.3) ShipALT/DSA Nonrecurring ⁽¹⁹⁾	- / 3.396	- / -	- / 0.684	- / 0.402	- / -	- / 0.402	- / 0.455	- / 0.450	- / -	- / -	Continuing	Continuing	
2.4) Enterprise Change Request	- / 3.465	- / -	- / 0.585	- / -	- / -	- / -	- / 0.494	- / 0.393	- / 0.442	- / 0.325	- / -	- / 5.704	
2.5) Data/Logistics ⁽²⁰⁾	- / 2.192	- / 0.840	- / 1.320	- / 0.226	- / -	- / 0.226	- / 0.624	- / -	- / -	- / -	- / -	- / 5.202	
2.6) Production Support	- / 9.688	- / -	- / 0.493	- / 0.526	- / -	- / 0.526	- / 0.541	- / 0.518	- / 0.660	- / 0.240	Continuing	Continuing	
2.7) Other (DSA Recurring)	- / 5.611	- / -	- / -	- / 0.504	- / -	- / 0.504	- / 0.515	- / 0.475	- / 0.587	- / 0.798	Continuing	Continuing	
Total Support, All Modifications	29.018	0.840	3.082	1.658	-	1.658	2.629	1.836	1.689	1.363	-	15.572	
Total Procurement and Support	155.795	0.840	8.392	7.127	-	7.127	6.385	6.092	10.455	2.134	-	15.572	
L0084 CSRR-SSBN (OHIO) Installation Cost	- / 25.407	- / -	- / -	- / 4.002	- / -	- / 4.002	- / 4.122	- / 2.830	- / 3.526	- / 7.266	- / -	- / 47.153	
Total Installation Cost	- / 25.407	- / -	- / -	- / 4.002	- / -	- / 4.002	- / 4.122	- / 2.830	- / 3.526	- / 7.266	- / -	- / 47.153	
Total Cost (Procurement + Support + Installation)	181.202	0.840	8.392	11.129	-	11.129	10.507	8.922	13.981	9.400	-	62.725	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - L0084 CSRR-SSBN (OHIO)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604503N											
Manufacturer Information: L0084 CSRR-SSBN (OHIO)																															
Manufacturer Name: CGI Federal ⁽²¹⁾													Manufacturer Location: Charleston, SC																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates				Jan 2013																											
Delivery Dates				Jan 2014																											
Manufacturer Name: SAIC ⁽²²⁾													Manufacturer Location: Charleston, SC																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates						Jan 2014																									
Delivery Dates						Jan 2015																									
Installation: L0084 CSRR-SSBN (OHIO)										Method of Implementation: [none specified]										Installation Name: SSBN Ohio											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		41 / 25.407	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 25.407																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	3 / 4.002	- / -	3 / 4.002	- / -	- / -	- / -	- / -	- / -	3 / 4.002																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.122	- / -	- / -	- / -	- / -	3 / 4.122																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.830	- / -	- / -	- / -	2 / 2.830																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.526	- / -	- / -	4 / 3.526																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 7.266	- / -	8 / 7.266																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	3 / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		41 / 25.407	- / -	- / -	3 / 4.002	- / -	3 / 4.002	3 / 4.122	2 / 2.830	4 / 3.526	8 / 7.266	3 / -	64 / 47.153																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	41	-	-	-	-	-	-	-	-	-	2	1	-	-	2	1	-	-	2	-	-	-	4	-	-	-	4	4	-	3	64
Out	41	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-	-	2	-	-	4	-	-	-	6	2	3	64	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - L0084 CSRR-SSBN (OHIO)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604503N
Installation: L0084 CSRR-SSBN (OHIO)	Method of Implementation: Organic - Equipment - RFDACS	Installation Quantity: 15
Footnotes: (15) RFDACS procured as a separate CSRR component but fielded as part of the CSRR Inc1 V0 Baseline installations. Refers to installation of major CSRR capability blocks (e.g. Inc 1 Ver 0, Inc 1 Ver 3, etc.). Installation funds are required 90 days in advance of CSRR installs to allow for the procurement of long lead material, contract award, installation availabilities ship check and to fund Ship Yard Chief of Naval Operations (CNO) availabilities at A-3 months in accordance with the Fleet Modernization Process (FMP) timelines. Installation cost does not include other Program of Records (PORs) installation funding which is included in the PORs Budget as listed: BLI 3216: NMT - \$290K, BLI 3050: ADNS INC 3 - \$330K, BLI 3415: CUE - \$265K (16) SSBN quantity reflected at 13 due to one SSBN Increment 1 Ver 1 being Ship Construction Navy (SCN) funded. (17) SSBN quantity reflect alignment with N9 installation availabilities. (18) RFDACS procured as a separate CSRR component but fielded as part of the CSRR Inc1 V0 Baseline installations. (19) Funding supports development of Government Furnished Information (GFI) package for the ship planning yard in year one and ship installation drawings in year two. (20) Funds the initial logistics package, consisting of multiple individual products, for each modernization baseline. Funding for each logistics product is funded the year prior to and the year a specific product is procured. (21) Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized. (22) Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	16.076	4.287	7.321	2.933	-	2.933	2.961	1.700	0.675	2.661	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	16.076	4.287	7.321	2.933	-	2.933	2.961	1.700	0.675	2.661	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	16.076	4.287	7.321	2.933	-	2.933	2.961	1.700	0.675	2.661	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Installation of CSRR and upgrades on SSGN												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604503N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
L0084 CSRR-SSGN (OHIO) Mod Upgrades													
B Kits													
Recurring													
1.1.1) Equipment - Mod Kits Increment 1 Ver 1 - NonOrganic	4 / 4.384	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.384	
1.1.2) Equipment - Mod Kits Increment 1 Ver 2 - NonOrganic	4 / 0.231	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.231	
1.1.3) Equipment - Mod Kits Increment 1 Ver 3 - NonOrganic ⁽²³⁾	- / -	1 / 2.063	2 / 4.250	- / -	- / -	- / -	1 / 2.254	- / -	- / -	- / -	- / -	4 / 8.567	
1.1.4) Equipment - Mod Kits Increment 1 Ver 4 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.030	Continuing	Continuing	
1.1.5) Support Equipment - Organic	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	
Subtotal Recurring	8 / 5.115	1 / 2.063	2 / 4.250	- / -	- / -	- / -	1 / 2.254	- / -	- / -	4 / 1.030	- / -	12 / 13.682	
Total, L0084 CSRR-SSGN (OHIO) Mod Upgrades	8 / 5.115	1 / 2.063	2 / 4.250	- / -	- / -	- / -	1 / 2.254	- / -	- / -	4 / 1.030	Continuing	Continuing	
Total Procurement, All Modifications	8 / 5.115	1 / 2.063	2 / 4.250	- / -	- / -	- / -	1 / 2.254	- / -	- / -	4 / 1.030	- / -	- / -	
Support													
2.1) Enterprise Change Request/Nonrecurring	- / 1.788	- / -	- / 0.558	- / -	- / -	- / -	- / 0.355	- / -	- / -	- / 0.485	- / -	- / 3.186	
2.2) ShipALT/DSA Nonrecurring ⁽²⁴⁾	- / 0.721	- / 0.900	- / 0.874	- / -	- / -	- / -	- / -	- / -	- / 0.350	- / 0.350	Continuing	Continuing	
2.3) Data/Logistics ⁽²⁵⁾	- / 2.853	- / 0.764	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.325	- / 0.375	Continuing	Continuing	
2.4) Production Support	- / 0.357	- / 0.560	- / 0.210	- / -	- / -	- / -	- / 0.352	- / -	- / -	- / 0.421	Continuing	Continuing	
2.5) Other (DSA Recurring)	- / 0.604	- / -	- / 0.200	- / 0.401	- / -	- / 0.401	- / -	- / 0.357	- / -	- / -	Continuing	Continuing	
Total Support, All Modifications	6.323	2.224	1.842	0.401	-	0.401	0.707	0.357	0.675	1.631	-	3.186	
Total Procurement and Support	11.438	4.287	6.092	0.401	-	0.401	2.961	0.357	0.675	2.661	-	3.186	
L0084 CSRR-SSGN (OHIO) Mod Upgrades Installation Cost	- / 4.638	- / -	- / 1.229	- / 2.532	- / -	- / 2.532	- / -	- / 1.343	- / -	- / -	- / -	- / -	
Total Installation Cost	- / 4.638	- / -	- / 1.229	- / 2.532	- / -	- / 2.532	- / -	- / 1.343	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	16.076	4.287	7.321	2.933	-	2.933	2.961	1.700	0.675	2.661	-	3.186	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs: 0604503N						
Manufacturer Information: L0084 CSRR-SSGN (OHIO) Mod Upgrades												
Manufacturer Name: CGI Federal ⁽²⁶⁾						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012	Jan 2013										
Delivery Dates	Jan 2013	Jan 2014										
Manufacturer Name: New MFG - Name						Manufacturer Location: New MFG - Loc						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: L0084 CSRR-SSGN (OHIO) Mod Upgrades				Method of Implementation: [none specified]				Installation Name: SSGN OHIO				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	8 / 4.638	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.638
FY 2012	- / -	- / -	1 / 1.229	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.229
FY 2013	- / -	- / -	- / -	2 / 2.532	- / -	2 / 2.532	- / -	- / -	- / -	- / -	- / -	2 / 2.532
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.343	- / -	- / -	- / -	1 / 1.343
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	8 / 4.638	- / -	1 / 1.229	2 / 2.532	- / -	2 / 2.532	- / -	1 / 1.343	- / -	- / -	Continuing	Continuing

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - L0084 CSRR-SSGN (OHIO) Mod Upgrades											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604503N											
Installation: L0084 CSRR-SSGN (OHIO) Mod Upgrades										Method of Implementation: [none specified]										Installation Name: SSGN OHIO											
Installation Schedule																															
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	8	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	16
Out	8	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	4	16
Footnotes: ⁽²³⁾ Quantity reflects changes to latest fleet availabilities. ⁽²⁴⁾ Funding supports development of Government Furnished Information (GFI) package for the ship planning yard in year one and ship installation drawings in year two. ⁽²⁵⁾ Funds the initial logistics package, consisting of multiple individual products, for each modernization baseline. Funding for each logistics product is funded the year prior to and the year a specific product is procured. ⁽²⁶⁾ Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 4 - L0084 CSRR-SSN (SEAWOLF)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604503N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	39.235	0.835	3.876	5.592	-	5.592	3.738	-	0.670	1.325	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	39.235	0.835	3.876	5.592	-	5.592	3.738	-	0.670	1.325	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	39.235	0.835	3.876	5.592	-	5.592	3.738	-	0.670	1.325	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Installation of CSRR and upgrades on SSN 21, SSN 22 and SSN 23												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 4 - L0084 CSRR-SSN (SEAWOLF)					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604503N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
L0084 CSRR-SSN (SEAWOLF)													
B Kits													
Recurring													
1.1.1) Equipment - Baseline (Increment 1 Ver 0) - NonOrganic	2 / 21.504	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 21.504	
1.1.2) Equipment - Modernization Kits (Increment 1 Ver 1) - NonOrganic	3 / 2.550	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.550	
1.1.3) Equipment - Mod Kits Increment 1 Ver 2 - NonOrganic	2 / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.400	
1.1.4) Equipment - Mod Kits Increment 1 Ver 3 - NonOrganic ⁽²⁷⁾	- / -	- / -	1 / 2.126	2 / 3.512	- / -	2 / 3.512	- / -	- / -	- / -	- / -	- / -	3 / 5.638	
1.1.5) Equipment - Mod kits Increment 1 Ver 4 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.515	Continuing	Continuing	
Subtotal Recurring	7 / 26.454	- / -	1 / 2.126	2 / 3.512	- / -	2 / 3.512	- / -	- / -	- / -	2 / 0.515	- / -	10 / 32.092	
Total, L0084 CSRR-SSN (SEAWOLF)	7 / 26.454	- / -	1 / 2.126	2 / 3.512	- / -	2 / 3.512	- / -	- / -	- / -	2 / 0.515	Continuing	Continuing	
Total Procurement, All Modifications	7 / 26.454	- / -	1 / 2.126	2 / 3.512	- / -	2 / 3.512	- / -	- / -	- / -	2 / 0.515	- / -	- / -	
Support													
2.1) Engineering Nonrecurring	- / 0.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.058	
2.2) ShipALT/DSA Nonrecurring ⁽²⁸⁾	- / 0.887	- / 0.480	- / 0.196	- / -	- / -	- / -	- / -	- / -	- / 0.320	- / 0.225	Continuing	Continuing	
2.3) Enterprise Change Request /Nonrecurring	- / 1.510	- / -	- / 0.850	- / 0.225	- / -	- / 0.225	- / -	- / -	- / -	- / -	- / -	- / 2.585	
2.4) Data/Logistics ⁽²⁹⁾	- / 0.941	- / 0.355	- / 0.529	- / -	- / -	- / -	- / -	- / -	- / 0.350	- / 0.375	Continuing	Continuing	
2.5) Production Support	- / 1.318	- / -	- / 0.175	- / 0.181	- / -	- / 0.181	- / -	- / -	- / -	- / 0.210	Continuing	Continuing	
2.6) Other (DSA Recurring)	- / 1.962	- / -	- / -	- / 0.170	- / -	- / 0.170	- / 0.240	- / -	- / -	- / -	Continuing	Continuing	
Total Support, All Modifications	6.676	0.835	1.750	0.576	-	0.576	0.240	-	0.670	0.810	-	2.643	
Total Procurement and Support	33.130	0.835	3.876	4.088	-	4.088	0.240	-	0.670	1.325	-	2.643	
L0084 CSRR-SSN (SEAWOLF) Installation Cost	- / 6.105	- / -	- / -	- / 1.504	- / -	- / 1.504	- / 3.498	- / -	- / -	- / -	- / -	- / 11.107	
Total Installation Cost	- / 6.105	- / -	- / -	- / 1.504	- / -	- / 1.504	- / 3.498	- / -	- / -	- / -	- / -	- / 11.107	
Total Cost (Procurement + Support + Installation)	39.235	0.835	3.876	5.592	-	5.592	3.738	-	0.670	1.325	-	13.750	

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications											P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - L0084 CSRR-SSN (SEAWOLF)										
Models of Systems Affected: [No Model Specified]											Type Modification: [No Modification Type Specified]											Related RDT&E PEs: 0604503N										
Manufacturer Information: L0084 CSRR-SSN (SEAWOLF)																																
Manufacturer Name: CGI Federal ⁽³⁰⁾														Manufacturer Location: Charleston, SC																		
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates						Jan 2013																										
Delivery Dates						Jan 2014																										
Manufacturer Name: SAIC ⁽³¹⁾														Manufacturer Location: Charleston, SC																		
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 12																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates										Jan 2014																						
Delivery Dates										Jan 2015																						
Installation: L0084 CSRR-SSN (SEAWOLF)											Method of Implementation: [none specified]											Installation Name: SEAWOLF										
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		7 / 6.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 6.105																			
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013		- / -	- / -	- / -	1 / 1.504	- / -	1 / 1.504	- / -	- / -	- / -	- / -	- / -	1 / 1.504																			
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.498	- / -	- / -	- / -	- / -	2 / 3.498																			
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total		7 / 6.105	- / -	- / -	1 / 1.504	- / -	1 / 1.504	2 / 3.498	- / -	- / -	- / -	- / -	10 / 11.107																			
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	7	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	10				
Out	7	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	10				

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications		P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - L0084 CSRR-SSN (SEAWOLF)	
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604503N			

Installation: L0084 CSRR-SSN (SEAWOLF)				Method of Implementation: [none specified]				Installation Name: Equipment - Mod kits Increment 1 Ver 4				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	

Footnotes:

(27) Quantity reflects changes to latest fleet availabilities. FY13 SEAWOLF Inc 1 V3 procurement cost is higher as the platform did not receive an Inc 1 V2 upgrade.

(28) Funding supports development of Government Furnished Information (GFI) package for the ship planning yard in year one and ship installation drawings in year two.

(29) Funds the initial logistics package, consisting of multiple individual products, for each modernization baseline. Funding for each logistics product is funded the year prior to and the year a specific product is procured.

(30) Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.

(31) Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604503N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	18.386	10.483	7.863	4.968	-	4.968	11.427	10.642	6.521	4.513	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	18.386	10.483	7.863	4.968	-	4.968	11.427	10.642	6.521	4.513	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	18.386	10.483	7.863	4.968	-	4.968	11.427	10.642	6.521	4.513	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Installation of CSRR upgrades to VIRGINIA Class submarines												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (Modification Number - Modification Title): 5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
L0084 CSRR-SSN (VIRGINIA) Mod Upgrades													
B Kits													
Recurring													
1.1.1) Equipment - Mod Kits Increment 1 Ver 2 (FLT 1 & 2) - NonOrganic	4 / 4.872	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.872	
1.1.2) Equipment - Baseline upgrade Increment 1 Ver 3 - NonOrganic ⁽³²⁾	1 / 2.115	2 / 4.520	1 / 2.328	1 / 2.398	- / -	1 / 2.398	3 / 7.409	1 / 2.544	1 / 2.620	- / -	Continuing	Continuing	
1.1.3) Equipment - Mod Kits Increment 1 Ver 4 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.250	1 / 0.258	6 / 0.804	Continuing	Continuing	
Subtotal Recurring	5 / 6.987	2 / 4.520	1 / 2.328	1 / 2.398	- / -	1 / 2.398	3 / 7.409	2 / 2.794	2 / 2.878	6 / 0.804	- / -	4 / 4.872	
Total, L0084 CSRR-SSN (VIRGINIA) Mod Upgrades	5 / 6.987	2 / 4.520	1 / 2.328	1 / 2.398	- / -	1 / 2.398	3 / 7.409	2 / 2.794	2 / 2.878	6 / 0.804	Continuing	Continuing	
Total Procurement, All Modifications	5 / 6.987	2 / 4.520	1 / 2.328	1 / 2.398	- / -	1 / 2.398	3 / 7.409	2 / 2.794	2 / 2.878	6 / 0.804	- / -	- / -	
Support													
2.1) Engineering Nonrecurring	- / 0.625	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.625	
2.2) Data/Logistics ⁽³³⁾	- / 1.984	- / -	- / -	- / -	- / -	- / -	- / 0.490	- / 0.150	- / -	- / -	Continuing	Continuing	
2.3) FLT ShipALT/DSA Nonrecurring ⁽³⁴⁾	- / 3.630	- / -	- / -	- / -	- / -	- / -	- / 0.379	- / 0.350	- / -	- / -	Continuing	Continuing	
2.4) Enterprise Change Request	- / 1.130	- / 0.522	- / 0.788	- / -	- / -	- / -	- / 0.400	- / -	- / 0.467	- / 0.465	- / -	- / 3.772	
2.5) Production Support	- / 1.420	- / 0.302	- / 0.285	- / 0.295	- / -	- / 0.295	- / 0.407	- / 0.467	- / 0.339	- / 0.325	Continuing	Continuing	
2.6) Other (DSA Recurring)	- / 0.224	- / 0.520	- / 0.462	- / 0.215	- / -	- / 0.215	- / 0.220	- / 0.325	- / 0.280	- / 0.285	Continuing	Continuing	
Total Support, All Modifications	9.013	1.344	1.535	0.510	-	0.510	1.896	1.292	1.086	1.075	-	4.397	
Total Procurement and Support	16.000	5.864	3.863	2.908	-	2.908	9.305	4.086	3.964	1.879	-	4.397	
L0084 CSRR-SSN (VIRGINIA) Mod Upgrades Installation Cost	- / 2.386	- / 4.619	- / 4.000	- / 2.060	- / -	- / 2.060	- / 2.122	- / 6.556	- / 2.557	- / 2.634	- / -	- / 26.934	
Total Installation Cost	- / 2.386	- / 4.619	- / 4.000	- / 2.060	- / -	- / 2.060	- / 2.122	- / 6.556	- / 2.557	- / 2.634	- / -	- / 26.934	
Total Cost (Procurement + Support + Installation)	18.386	10.483	7.863	4.968	-	4.968	11.427	10.642	6.521	4.513	-	31.331	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N					
Manufacturer Information: L0084 CSRR-SSN (VIRGINIA) Mod Upgrades												
Manufacturer Name: CGI Federal-Inc1V2 ⁽³⁵⁾							Manufacturer Location: Charleston, SC					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012											
Delivery Dates	Jan 2013											
Manufacturer Name: CGI Federal-Inc1V3 ⁽³⁶⁾							Manufacturer Location: Charleston, SC					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012	Jan 2013										
Delivery Dates	Jan 2013	Jan 2014										
Manufacturer Name: SAIC ⁽³⁷⁾							Manufacturer Location: Charleston, SC					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Jan 2014									
Delivery Dates			Jan 2015									
Installation: L0084 CSRR-SSN (VIRGINIA) Mod Upgrades				Method of Implementation: Method				Installation Name: Virginia Class				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 2.386	3 / 4.619	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 7.005
FY 2012	- / -	- / -	2 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.000
FY 2013	- / -	- / -	- / -	1 / 2.060	- / -	1 / 2.060	- / -	- / -	- / -	- / -	- / -	1 / 2.060
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.122	- / -	- / -	- / -	- / -	1 / 2.122
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 6.556	- / -	- / -	- / -	3 / 6.556
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.557	- / -	- / -	2 / 2.557
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.634	- / -	2 / 2.634
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / -	6 / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - L0084 CSRR-SSN (VIRGINIA) Mod Upgrades															
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604503N															
Installation: L0084 CSRR-SSN (VIRGINIA) Mod Upgrades										Method of Implementation: Method										Installation Name: Virginia Class															
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total			
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										2 / 2.386		3 / 4.619		2 / 4.000		1 / 2.060		- / -		1 / 2.060		1 / 2.122		3 / 6.556		2 / 2.557		2 / 2.634		6 / -		22 / 26.934			
Installation Schedule																																			
		APY		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC		Tot	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	1	-	1	1	-	1	2	-	-	1	-	1	-	-	-	1	-	-	2	1	-	-	2	-	-	-	2	-	-	6	22				
Out	1	-	1	-	1	1	1	1	-	1	-	1	-	-	-	-	1	-	-	3	-	-	2	-	-	-	2	-	6	22					
Footnotes: (32) Quantity reflects changes to latest fleet availabilities. (33) Funds the initial logistics package, consisting of multiple individual products, for each modernization baseline. Funding for each logistics product is funded the year prior to and the year a specific product is procured. (34) Funding supports development of Government Furnished Information (GFI) package for the ship planning yard in year one and ship installation drawings in year two. (35) This is Inc1V2. Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized. (36) This is Inc1V3. Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized. (37) This is Inc1V3. Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.																																			

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	34.452	40.407	29.650	34.302	-	34.302	21.302	13.624	15.894	8.596	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	34.452	40.407	29.650	34.302	-	34.302	21.302	13.624	15.894	8.596	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	34.452	40.407	29.650	34.302	-	34.302	21.302	13.624	15.894	8.596	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Installation of CSRR and upgrades on LA Class												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades													
B Kits													
Recurring													
1.1.1) Equipment - Mod Kits Increment 1 Ver 3 - NonOrganic ⁽³⁸⁾	7 / 21.515	8 / 27.161	4 / 13.988	7 / 25.213	- / -	7 / 25.213	2 / 7.420	2 / 7.642	2 / 7.872	- / -	4 / 9.804	36 / 120.615	
1.1.2) Equipment - Mod Kits Increment 1 Ver 4 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.485	2 / 0.500	2 / 0.515	8 / 2.056	Continuing	Continuing	
Subtotal Recurring	7 / 21.515	8 / 27.161	4 / 13.988	7 / 25.213	- / -	7 / 25.213	4 / 7.905	4 / 8.142	4 / 8.387	8 / 2.056	4 / 9.804	36 / 120.615	
Total, L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades	7 / 21.515	8 / 27.161	4 / 13.988	7 / 25.213	- / -	7 / 25.213	4 / 7.905	4 / 8.142	4 / 8.387	8 / 2.056	Continuing	Continuing	
Total Procurement, All Modifications	7 / 21.515	8 / 27.161	4 / 13.988	7 / 25.213	- / -	7 / 25.213	4 / 7.905	4 / 8.142	4 / 8.387	8 / 2.056	- / -	- / -	
Support													
2.1) Enterprise Change Request/Nonrecurring	- / 1.435	- / 1.136	- / 0.592	- / -	- / -	- / -	- / 0.313	- / 0.341	- / 1.206	- / 0.325	- / -	- / 5.348	
2.2) ShipALT/DSA Nonrecurring ⁽³⁹⁾	- / 1.441	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.350	- / -	- / -	- / -	Continuing	Continuing	
2.3) Data/Logistics ⁽⁴⁰⁾	- / 2.000	- / -	- / -	- / 0.355	- / -	- / 0.355	- / 0.320	- / -	- / -	- / -	- / -	- / 2.675	
2.4) Production Support	- / 1.902	- / 1.483	- / 0.838	- / 1.549	- / -	- / 1.549	- / 0.602	- / 0.486	- / 0.575	- / 0.323	Continuing	Continuing	
2.5) Other (DSA Recurring) ⁽⁴¹⁾	- / 1.559	- / 1.627	- / 2.600	- / 0.995	- / -	- / 0.995	- / 1.014	- / 0.884	- / 0.941	- / 0.963	Continuing	Continuing	
Total Support, All Modifications	8.337	4.246	4.030	3.099	-	3.099	2.599	1.711	2.722	1.611	-	8.023	
Total Procurement and Support	29.852	31.407	18.018	28.312	-	28.312	10.504	9.853	11.109	3.667	-	8.023	
L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades Installation Cost	- / 4.600	- / 9.000	- / 11.632	- / 5.990	- / -	- / 5.990	- / 10.798	- / 3.771	- / 4.785	- / 4.929	- / -	- / -	
Total Installation Cost	- / 4.600	- / 9.000	- / 11.632	- / 5.990	- / -	- / 5.990	- / 10.798	- / 3.771	- / 4.785	- / 4.929	- / -	- / -	
Total Cost (Procurement + Support + Installation)	34.452	40.407	29.650	34.302	-	34.302	21.302	13.624	15.894	8.596	-	8.023	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604503N					
Manufacturer Information: L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades												
Manufacturer Name: CGI Federal ⁽⁴²⁾						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012	Jan 2013										
Delivery Dates	Jan 2013	Jan 2014										
Manufacturer Name: SAIC ⁽⁴³⁾						Manufacturer Location: Charleston, SC						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Jan 2014									
Delivery Dates			Jan 2015									
Installation: L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades				Method of Implementation: Method				Installation Name: LA Class				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	2 / 4.600	5 / 9.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 13.600
FY 2012	- / -	- / -	8 / 11.632	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 11.632
FY 2013	- / -	- / -	- / -	4 / 5.990	- / -	4 / 5.990	- / -	- / -	- / -	- / -	- / -	4 / 5.990
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	7 / 10.798	- / -	- / -	- / -	- / -	7 / 10.798
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.771	- / -	- / -	- / -	4 / 3.771
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.785	- / -	- / -	4 / 4.785
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.929	- / -	4 / 4.929
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / -	8 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Total	2 / 4.600	5 / 9.000	8 / 11.632	4 / 5.990	- / -	4 / 5.990	7 / 10.798	4 / 3.771	4 / 4.785	4 / 4.929	Continuing	Continuing

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Exhibit P-3A, Individual Modification: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications										P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0604503N											
Installation: L0084 CSRR-SSN LOS ANGELES (LA) Mod Upgrades										Method of Implementation: Method										Installation Name: LA Class											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	1	2	-	2	1	2	3	1	2	1	3	-	1	3	2	1	1	4	-	-	-	4	-	-	-	4	-	-	12	50
Out	-	-	2	1	1	1	2	2	2	2	2	2	-	1	1	4	2	-	1	4	-	-	-	4	-	-	-	4	-	12	50
Footnotes: ⁽³⁸⁾ Quantity reflects changes to latest fleet availabilities. ⁽³⁹⁾ Funding supports development of Government Furnished Information (GFI) package for the ship planning yard in year one and ship installation drawings in year two. ⁽⁴⁰⁾ Funds the initial logistics package, consisting of multiple individual products, for each modernization baseline. Funding for each logistics product is funded the year prior to and the year a specific product is procured. ⁽⁴¹⁾ DSA Recurring Cost includes funding for CSRR planning yard activities. ⁽⁴²⁾ Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized. ⁽⁴³⁾ Lead time for upgrade kits varies from 3 to 12 months depending on the contents of each kit and the specific components being modernized.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment					Modification Nomenclature (Modification Number - Modification Title): 7 - L0097 Submarine Local Area Network			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	121.581	5.523	3.844	5.959	-	5.959	3.900	3.895	3.969	4.051	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	121.581	5.523	3.844	5.959	-	5.959	3.900	3.895	3.969	4.051	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	121.581	5.523	3.844	5.959	-	5.959	3.900	3.895	3.969	4.051	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Installation of SubLAN Personal Computers (PC's) & Engine Room Drop Augment (ERDA), Propulsion Plant Monitoring System (PPMS)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications				P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment				Modification Nomenclature (Modification Number - Modification Title): 7 - L0097 Submarine Local Area Network				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
L0097 Submarine Local Area Network												
B Kits												
Recurring												
1.1.1) Equipment - SubLAN - NonOrganic ⁽⁴⁴⁾	9 / 30.379	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 30.379
1.1.2) Equipment - SubLAN PCs - Organic ⁽⁴⁵⁾	66 / 5.749	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 5.749
1.1.3) SSN688 GFI/ShipALT - Organic	- / 10.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.390
1.1.4) SSN21 GFI/ShipALT - Organic	- / 5.709	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.709
1.1.5) SSBN GFI/ShipALT - Organic	- / 4.985	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.985
1.1.6) SSGN GFI/ShipALT - Organic	- / 4.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.963
1.1.7) SSN774 GFI/ShipALT - Organic	- / 2.143	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.143
1.1.8) Other Equipment - SIPR PKI - Organic	- / -	- / 1.067	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.067
1.1.9) Other Equipment - PC Augment - Organic	70 / 2.179	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 2.179
1.1.10) Other Equipment - ERDA - NonOrganic ⁽⁴⁶⁾	48 / 1.236	1 / 0.019	1 / 0.019	7 / 0.154	- / -	7 / 0.154	6 / 0.151	4 / 0.102	8 / 0.205	- / -	- / -	75 / 1.886
1.1.11) Other Equipment - PC Replacement - Organic	36 / 3.132	- / -	- / -	18 / 2.441	- / -	18 / 2.441	- / -	- / -	- / -	14 / 1.921	- / -	68 / 7.494
1.1.12) Other Equipment - PPMS - NonOrganic	4 / 0.581	7 / 0.963	2 / 0.292	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.13) Support Equipment - EDM - Organic	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
Subtotal Recurring	233 / 71.746	8 / 2.049	3 / 0.311	25 / 2.595	- / -	25 / 2.595	6 / 0.151	4 / 0.102	8 / 0.205	14 / 1.921	- / -	288 / 77.244
Total, L0097 Submarine Local Area Network	233 / 71.746	8 / 2.049	3 / 0.311	25 / 2.595	- / -	25 / 2.595	6 / 0.151	4 / 0.102	8 / 0.205	14 / 1.921	Continuing	Continuing
Total Procurement, All Modifications	233 / 71.746	8 / 2.049	3 / 0.311	25 / 2.595	- / -	25 / 2.595	6 / 0.151	4 / 0.102	8 / 0.205	14 / 1.921	- / -	- / -
Support												
2.1) Production Support	- / 8.416	- / 0.146	- / 0.015	- / 0.056	- / -	- / 0.056	- / 0.041	- / 0.043	- / 0.060	- / 0.068	- / -	- / 8.845
2.2) Other (DSA)	- / 0.324	- / 0.126	- / 0.132	- / 0.184	- / -	- / 0.184	- / 0.130	- / 0.125	- / 0.130	- / 0.147	- / -	- / 1.298
Total Support, All Modifications	8.740	0.272	0.147	0.240	-	0.240	0.171	0.168	0.190	0.215	-	10.143
Total Procurement and Support	80.486	2.321	0.458	2.835	-	2.835	0.322	0.270	0.395	2.136	-	10.143
L0097 Submarine Local Area Network Installation Cost	- / 41.095	- / 3.202	- / 3.386	- / 3.124	- / -	- / 3.124	- / 3.578	- / 3.625	- / 3.574	- / 1.915	- / -	- / 63.499
Total Installation Cost	- / 41.095	- / 3.202	- / 3.386	- / 3.124	- / -	- / 3.124	- / 3.578	- / 3.625	- / 3.574	- / 1.915	- / -	- / 63.499
Total Cost (Procurement + Support + Installation)	121.581	5.523	3.844	5.959	-	5.959	3.900	3.895	3.969	4.051	-	73.642

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - L0097 Submarine Local Area Network

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Manufacturer Information: L0097 Submarine Local Area Network							
Manufacturer Name: NUWC Newport				Manufacturer Location: Newport, Rhode Island			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 3			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Mar 2012	Mar 2013	Mar 2014				

Installation: L0097 Submarine Local Area Network				Method of Implementation: [none specified]				Installation Name: SubLAN				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	60 / 41.095	1 / 0.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	61 / 41.629
FY 2012	- / -	5 / 2.668	3 / 1.693	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.361
FY 2013	- / -	- / -	3 / 1.693	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.693
FY 2014	- / -	- / -	- / -	5 / 3.124	- / -	5 / 3.124	2 / 1.193	- / -	- / -	- / -	- / -	7 / 4.317
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.385	2 / 1.208	- / -	- / -	- / -	6 / 3.593
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.417	- / -	- / -	- / -	4 / 2.417
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.574	3 / 1.915	- / -	8 / 5.489
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	60 / 41.095	6 / 3.202	6 / 3.386	5 / 3.124	- / -	5 / 3.124	6 / 3.578	6 / 3.625	5 / 3.574	3 / 1.915	- / -	97 / 63.499

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	59	1	1	-	4	1	2	1	3	-	-	-	5	-	2	-	4	-	2	-	3	1	-	-	4	1	3	-	-	-	97
Out	59	1	1	-	4	1	2	-	4	-	-	-	5	-	2	-	4	-	2	-	3	1	-	-	4	1	3	-	-	-	97

Installation: L0097 Submarine Local Area Network	Method of Implementation: Organic - Equipment - SubLAN PCs	Installation Quantity: 66

Installation: L0097 Submarine Local Area Network	Method of Implementation: Organic - Other Equipment - PC Augment	Installation Quantity: 70

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications	P-1 Line Item Nomenclature: 3130 - Submarine Communication Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - L0097 Submarine Local Area Network
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: L0097 Submarine Local Area Network	Method of Implementation: Organic - Other Equipment - PC Replacement	Installation Quantity: 68

Footnotes:

- (44) Installation schedule based on submarine availability. Installation funding must be in place 90 days prior to installation availability start date. As a result, all afloat installs schedule for OCT-DEC of the fiscal year must be budgeted with prior year funding.
- (45) FY09 thru FY14 SubLAN Personal Computer (PC) procurement/replacement requires no installation funds, therefore procurement and installation quantities will not match one for one.
- (46) SubLAN requires an additional 4 months after delivery for required pre-installation test and check out (PITCO) prior to installation start. Installs do not begin until 7 months after contract award (3 months PLT + 4 months PITCO).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications	P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 237

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	111.513	28.601	49.294	27.381	-	27.381	43.414	42.355	35.328	30.859	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	111.513	28.601	49.294	27.381	-	27.381	43.414	42.355	35.328	30.859	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	111.513	28.601	49.294	27.381	-	27.381	43.414	42.355	35.328	30.859	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.256	0.184	0.349	-	0.349	0.481	0.209	0.085	0.043	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Satellite Communications (SATCOM) Systems P-1 line provides funds for procurement of shipboard terminal equipment for ship-to-ship, ship-to-shore and ship-to-aircraft tactical communications via earth orbiting relay satellites in the Ultra High Frequency (UHF), Super High Frequency (SHF), and Extremely High Frequency (EHF) bands. This includes Radio Frequency (RF) equipment and baseband equipment assembled and grouped into systems and subsystems structured to address specific naval communications requirements. These systems provide processors and peripheral equipment that control the RF links for message traffic, direct data transfer and secure voice communications. They are selected and oriented by communications traffic levels, types of communications and operational missions.

[P40A / (NR101) DAMA/MINI DAMA]: DEMAND ASSIGNED MULTIPLE ACCESS (DAMA)/ MINIATURIZED DEMAND ASSIGNED MULTIPLE ACCESS: Triples the UHF satellite channel capacity through improved multiplexing, thus reducing oversubscription rate for UHF satellite access to better meet present user requirements with existing space segment. This funding fields the improved DAMA capability of Integrated Waveform as an upgrade to the MD-1324 series modems already deployed in the Navy surface fleet and shore stations.

[P40A / (NR106) SHF Terminal]: SHF SYSTEMS (SHF - NR106): AN/WSC-6(V)9 terminals provide high data throughput capacity for Non-Classified Internet Protocol Router Network (NIPRNET) / Secret Internet Protocol Router Network (SIPRNET), voice, and Internet connectivity via the Defense Satellite Communications Systems (DSCS) and Wideband Global SATCOM (WGS). Shore based terminals, AN/GSC-52B Modernization of Enterprise Terminals (MET), have an operational requirement to support joint theater and Navy unique command, control, communications, support and intelligence circuits for voice, data, video and imagery. Enhanced Bandwidth Efficient Modem (EBEM) provides increased operational capability to all SHF terminals. EBEM allows SHF to make maximum use of the added tactical wideband capacity through the WGS.

[P40A / (NR107) Navy Extremely High Frequency Satellite Program (NESP)]: NESP provides joint interoperable core and hard-core communications at all levels of conflict with assured survivability under extreme conditions (i.e. Electromagnetic Anti-Jam (AJ), Low Probability of Intercept (LPI)/Low Probability of Detection (LPD), Physical, and Scintillation) via the Military Strategic and Tactical Relay System, Extra High Frequency (EHF) Follow On, Enhanced EHF, Interim Polar and Advanced EHF satellites. Time Division Multiple Access Interface Processor (TIP) is ancillary equipment to NESP and provides Internet Protocol (IP) networked communications over EHF Medium Data Rate waveforms. This capability enhances the NESP system by enabling afloat units to operate with a shore less architecture.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications										P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): 237																			
[P40A / (NR117) Global Broadcast Service (GBS)]: GLOBAL BROADCAST SERVICE (GBS - NR117): GBS is a Joint Military Satellite Communications (MILSATCOM) program with the Air Force as Executive Agent for all services. GBS provides a continuous, high speed, one way information flow of high volume data to units ashore, afloat or special operations. GBS supports routine operations, training and military exercises, special activities, crises, situational awareness, weapons targeting, reconnaissance and the transition to and conduct of opposed operations short of nuclear war. Deployment of GBS internet protocol (IP) terminals will allow expanded use of military intelligence collection in a broader spectrum using MILSATCOM architecture. The Navy GBS Split IP effort enables near-real-time duplex asymmetric communications connectivity to ships/subs. GBS plays a pivotal role in an Anti Access Area Denial (A2AD) scenario. [P40A / (NR118) JMINI Control System]: JMINI CONTROL SYSTEM (JMINI CS - NR118): The Joint UHF Military Satellite Communications Network Integrated Control System (JMINI CS) is a joint interest program with the Navy designated as the lead service. The JMINI CS provides dynamic centralized control of 5-kHz and 25-kHz UHF MILSATCOM voice and data resources (channels and Time Division Multiple Access time slots) via a globally integrated system of four control stations, located at Naval Computer and Telecommunications Area Master Station Atlantic and Pacific sites, as well as Naval Computer and Telecommunications Stations Naples and Guam. JMINI CS provide integrated, dynamic, and centralized control channels to maximize highly sought after SATCOM resources, as well as decentralized web-based management of global resources for remote system monitoring to facilitate war fighter communications for US and Allies in tactical and training exercises. The globally integrated system consists of three major subsystems: Network Management System, Satellite Access Controller, and the control terminals. The current system utilizes the Digital Modular Radio, MD-1324, RT-1771 radios and RT-1828 for its control terminals. Procurements support hardware/software refresh of channel control terminals with COTS/GOTS solutions. Funding increase for JMINI in FY15-16 to procure and install system refresh. [P40A / (NR127) Spectral Warrior (SW) / Spider Net (SN)]: Spectral Warrior (SW) / Spider Net (SN) is a smart set of spectrum analyzers on ships that will aid Department of Defense (DoD) Spectrum Management in the 22nd century by providing on-ship: 1) real-time sensing of spectrum usage to identify if jamming and Electromagnetic Interference (EMI) is present; 2) real-time characterization to identify the source of interference to reduce and mitigate known and unknown victim system performance degradations; 3) ability to identify or characterize EMI from newly fielded technologies; 4) real-time identification of SATCOM jamming/EMI for increased Situational Awareness (SA); 5) spectrum coordination/deconfliction capability; and 6) Emissions Control (EMCON) posture condition compliance verification and violation identification. [P3A / (NR112) Commercial Broadband Satellite program (CBSP) - Afloat]: CBSP will support the procurement and installation of a commercial terminal and service architecture that will eventually replace the Inmarsat program (Inmarsat: PCs and Inmarsat B HSD: MCMs, DDGs, CGS) and Commercial Wideband Satellite Program (WSC-8 Large Decks). The associated architectures are designed to significantly increase the throughput of data to increase Satellite Communication (SATCOM) reliability for Military Satellite Communication (MILSATCOM). Included in the program are Small Ship Variant (SSV - Patrol Coastal or Mine Countermeasure Ships), Unit Level Variant (ULV - examples are Guided Missile Destroyers or Guided Missile Frigates), and Force Level Variant (FLV - large combatant ships such as carriers).																			

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Satellite Communications Systems	P40A, P5A				26.605			13.823			31.643			10.629			-			10.629
1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat	P3A				84.908			14.778			17.651			16.752			-			16.752
Total Gross/Weapon System Cost					111.513			28.601			49.294			27.381			-			27.381

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications											P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 237																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Satellite Communications Systems	P40A, P5A				-			-			-			-			-			-	
1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat	P3A				19.842			21.249			26.541			27.004	Continuing			Continuing			
Total Gross/Weapon System Cost					43.414			42.355			35.328			30.859	Continuing			Continuing			
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY 2014 continues the procurement of Global Broadcast System (GBS) Next Generation Receive Terminals (NGRT), Navy Extremely High Frequency (NESP) Cipher Text Time Division Multiple Access Interface Processor (TIP) Upgrade Kits, NESP TIP Thin Line Chassis Upgrade Kits, and Force Level Variant (FLV) Commercial Broadband Satellite Program (CBSP) terminals. Funding also procures Spectral Warrior (SW)/Spider Net (SN) Spectrum Analyzer Systems.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications								P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems							Aggregated Item Name: Satellite Communications Systems					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) (NR101) DAMA/MINI DAMA																				
† 1.1) DAMA/MINI DAMA	A		-	-	-	5.000	70	0.350	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) (NR101) DAMA/MINI DAMA					-			0.350			-			-			-			-
2) (NR106) SHF Terminal (1)																				
† 2.1) SHF: AN/ GSC-52B Modernization of Enterprise Terminals (MET)	A		-	-	-	-	-	-	7,481.000	1	7.481	-	-	-	-	-	-	-	-	-
Subtotal 2) (NR106) SHF Terminal					-			-			7.481			-			-			-
3) (NR107) Navy Extremely High Frequency Satellite Program (NESP)																				
† 3.1) NESP - Cipher Text TIP Upgrade Kit (Afloat)	A		-	-	-	15.857	7	0.111	16.195	41	0.664	16.524	21	0.347	-	-	-	16.524	21	0.347
† 3.2) NESP - TIP Thin Line Upgrade Kit (Afloat)	A		-	-	-	253.667	3	0.761	259.143	7	1.814	263.500	2	0.527	-	-	-	263.500	2	0.527
Subtotal 3) (NR107) Navy Extremely High Frequency Satellite Program (NESP)					-			0.872			2.478			0.874			-			0.874
4) (NR112) Commercial Broadcast Satellite Program (CBSP) Ashore (2)																				
4.1) CBSP Unit Level Variant (ULV)	A		688.000	2	1.376	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) CBSP Force Level Variant (FLV)	A		2,494.000	1	2.494	-	-	-	-	-	-	1,039.000	1	1.039	-	-	-	1,039.000	1	1.039
Subtotal 4) (NR112) Commercial Broadcast Satellite Program (CBSP) Ashore					3.870			-			-			1.039			-			1.039
5) (NR117) Global Broadcast Service (GBS) (3)																				
† 5.1) GBS - JPIM Modem Upgrade	A		-	-	-	110.231	13	1.433	111.904	104	11.638	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications							P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems										Aggregated Item Name: Satellite Communications Systems			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5.2) GBS - Single Receive Suite Terminal (Afloat) ⁽⁴⁾	A		287.483	29	8.337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) GBS - Next Generation Receive Terminals (Shore)	A		212.300	10	2.123	218.000	10	2.180	222.400	10	2.224	226.778	9	2.041	-	-	-	226.778	9	2.041
† 5.4) GBS - DECC Split IP Upgrade Kit	A		-	-	-	120.000	2	0.240	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) (NR117) Global Broadcast Service (GBS)</i>					10.460			3.853			13.862			2.041			-			2.041
6) (NR118) JMINI Control System ⁽⁵⁾																				
† 6.1) JMINI Control System-Shore	A		1,777.500	2	3.555	1,399.000	1	1.399	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) (NR118) JMINI Control System</i>					3.555			1.399			-			-			-			-
7) (NR555) Production Support																				
7.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	0.110	-	-	0.121	-	-	-	-	-	-	-	-	-	-	-	-
7.2) Super High Frequency (SHF)	A		-	-	-	-	-	-	-	-	0.309	-	-	-	-	-	-	-	-	-
7.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	0.049	-	-	0.135	-	-	0.023	-	-	-	-	-	0.023
7.4) CBSP Ashore	A		-	-	0.451	-	-	-	-	-	-	-	-	0.066	-	-	-	-	-	0.066
7.5) Global Broadcast Service (GBS)	A		-	-	0.305	-	-	0.141	-	-	0.382	-	-	0.279	-	-	-	-	-	0.279
7.6) SW/SN - Spectrum Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	0.108	-	-	-	-	-	0.108
7.7) JMINI Control System-Shore	A		-	-	0.109	-	-	0.075	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) (NR555) Production Support</i>					0.975			0.386			0.826			0.476			-			0.476
8) (NR776) Non-FMP Pre-installation Design																				
8.1) CBSP Ashore	A		-	-	0.086	-	-	-	-	-	-	-	-	0.069	-	-	-	-	-	0.069
8.2) JMINI Control System-Shore	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.3) SHF SATCOM	A		-	-	-	-	-	-	-	-	0.260	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) (NR776) Non-FMP Pre-installation Design</i>					0.086			-			0.260			0.069			-			0.069

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications									P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems							Aggregated Item Name: Satellite Communications Systems					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
9) (NR776) Non-FMP Installation (Shore)																					
9.1) CBSP Ashore	A		-	-	1.622	-	-	-	-	-	-	-	-	0.449	-	-	-	-	-	0.449	
9.2) JMINI Control System-Shore	A		-	-	0.320	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	-	
9.3) SHF SATCOM	A		-	-	-	-	-	-	-	-	2.250	-	-	-	-	-	-	-	-	-	
Subtotal 9) (NR776) Non-FMP Installation (Shore)					1.942			0.071			2.250			0.449			-			0.449	
10) (NR777) FMP Installation (Ship)																					
10.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	1.031	-	-	3.114	-	-	-	-	-	-	-	-	-	-	-	-	
10.2) Global Broadcast Service (GBS)	A		-	-	2.453	-	-	0.508	-	-	-	-	-	-	-	-	-	-	-	-	
10.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	1.562	-	-	4.388	-	-	1.533	-	-	-	-	-	1.533	
10.4) SW/SN - Spectral Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	1.500	
10.5) SHF SATCOM ⁽⁶⁾	A		-	-	1.694	-	-	1.297	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 10) (NR777) FMP Installation (Ship)					5.178			6.481			4.388			3.033			-			3.033	
11) (NR777) FMP DSA (Ship)																					
11.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	0.201	-	-	0.153	-	-	-	-	-	-	-	-	-	-	-	-	
11.2) Global Broadcast System (GBS)	A		-	-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150	
11.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	0.176	-	-	0.098	-	-	0.106	-	-	-	-	-	0.106	
11.4) SW/SN - Spectral Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	0.232	-	-	-	-	-	0.232	
11.5) SHF SATCOM	A		-	-	0.338	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 11) (NR777) FMP DSA (Ship)					0.539			0.411			0.098			0.488			-			0.488	
12) (NR127) Spectral Warrior (SW) / Spider Net (SN)																					
† 12.1) SW/SN - Spectrum Analyzer System	A		-	-	-	-	-	-	-	-	-	360.000	6	2.160	-	-	-	360.000	6	2.160	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Nomenclature:										Aggregated Item Name:					
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications					3215 - Satellite Communications Systems										Satellite Communications Systems					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal 12) (NR127) Spectral Warrior (SW) / Spider Net (SN)					-			-			-			2.160			-			2.160
Total					26.605			13.823			31.643			10.629			-			10.629

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications								P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems								Aggregated Item Name: Satellite Communications Systems				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) (NR101) DAMA/MINI DAMA																				
† 1.1) DAMA/MINI DAMA	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) (NR101) DAMA/ MINI DAMA</i>					-			-			-			-			-			-
2) (NR106) SHF Terminal (1)																				
† 2.1) SHF: AN/ GSC-52B Modernization of Enterprise Terminals (MET)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) (NR106) SHF Terminal</i>					-			-			-			-			-			-
3) (NR107) Navy Extremely High Frequency Satellite Program (NESP)																				
† 3.1) NESP - Cipher Text TIP Upgrade Kit (Afloat)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) NESP - TIP Thin Line Upgrade Kit (Afloat)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) (NR107) Navy Extremely High Frequency Satellite Program (NESP)</i>					-			-			-			-			-			-
4) (NR112) Commercial Broadcast Satellite Program (CBSP) Ashore (2)																				
4.1) CBSP Unit Level Variant (ULV)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) CBSP Force Level Variant (FLV)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) (NR112) Commercial Broadcast Satellite Program (CBSP) Ashore</i>					-			-			-			-			-			-
5) (NR117) Global Broadcast Service (GBS) (3)																				
† 5.1) GBS - JPIM Modem Upgrade	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications								P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems								Aggregated Item Name: Satellite Communications Systems				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
5.2) GBS - Single Receive Suite Terminal (Afloat) ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) GBS - Next Generation Receive Terminals (Shore)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.4) GBS - DECC Split IP Upgrade Kit	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) (NR117) Global Broadcast Service (GBS)</i>					-			-			-			-			-			-
6) (NR118) JMINI Control System ⁽⁵⁾																				
† 6.1) JMINI Control System-Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) (NR118) JMINI Control System</i>					-			-			-			-			-			-
7) (NR555) Production Support																				
7.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) Super High Frequency (SHF)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.4) CBSP Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5) Global Broadcast Service (GBS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.6) SW/SN - Spectrum Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.7) JMINI Control System-Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) (NR555) Production Support</i>					-			-			-			-			-			-
8) (NR776) Non-FMP Pre-installation Design																				
8.1) CBSP Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) JMINI Control System-Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.3) SHF SATCOM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) (NR776) Non-FMP Pre-installation Design</i>					-			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications								P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems							Aggregated Item Name: Satellite Communications Systems					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
9) (NR776) Non-FMP Installation (Shore)																				
9.1) CBSP Ashore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) JMINI Control System-Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.3) SHF SATCOM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) (NR776) Non-FMP Installation (Shore)					-			-			-			-			-			-
10) (NR777) FMP Installation (Ship)																				
10.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) Global Broadcast Service (GBS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.4) SW/SN - Spectral Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5) SHF SATCOM ⁽⁶⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) (NR777) FMP Installation (Ship)					-			-			-			-			-			-
11) (NR777) FMP DSA (Ship)																				
11.1) DAMA/MINI DAMA MD-1324A IW	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) Global Broadcast System (GBS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.3) Navy Extremely High Frequency Satellite Program (NESP)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4) SW/SN - Spectral Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.5) SHF SATCOM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 11) (NR777) FMP DSA (Ship)					-			-			-			-			-			-
12) (NR127) Spectral Warrior (SW) / Spider Net (SN)																				
† 12.1) SW/SN - Spectrum Analyzer System	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications					P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems										Aggregated Item Name: Satellite Communications Systems					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal 12) (NR127) Spectral Warrior (SW) / Spider Net (SN)					-			-			-			-			-			-
Total					-			-			-			-			-			-

Footnotes:

(1) NR106 (SHF) - Hardware and installation funded as turnkey. FY13 funds the replacement of the fixed terminal at the Navy site at Diego Garcia.

(2) NR112 (CBSP) - Average unit cost may fluctuate from year-to-year due to two cost drivers: 1) Contract quantity price breaks, 2) Multiple FLV antenna configurations. FLV terminals include a single and a dual antenna configuration which influences average unit cost. Prior to installation, 1-2 months of integration time is required.

(3) NR117 (GBS) - JIPM upgrade installations funded as turnkey. Quantities represent platforms.

(4) NR117 (GBS) - FY15 Receive Suite Terminal unit price increase is due to: 1) quantity discount pricing of FY11 units, and 2) new contract vehicle in FY15

(5) NR118 (JMINI) - Unit cost varies due to operational requirements for capacity and varying site architecture. Funding increase for JMINI in FY15-16 to procure and install system refresh.

(6) NR777 (SHF) - Funds are being used to finalize the installation of items procured with prior year funding.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems					Aggregated Item Name: Satellite Communications Systems			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) (NR101) DAMA/MINI DAMA												
1.1) DAMA/MINI DAMA		2012	VIASAT / CARLSBAD, CA	SS / FFP	SPAWAR	Jun 2012	Dec 2012	70	5.000	Y		Jan 2009
2) (NR106) SHF Terminal												
2.1) SHF: AN/GSC-52B Modernization of Enterprise Terminals (MET)		2013	HARRIS CORPORATION / MELBOURNE, FL	C / FFP	Fort Belvoir, VA	Apr 2013	Oct 2013	1	7,481.000	Y		Jan 2009
3) (NR107) Navy Extemely High Frequency Satellite Program (NESP)												
3.1) NESP - Cipher Text TIP Upgrade Kit (Afloat)		2012 ⁽⁷⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Jan 2012	Mar 2012	7	15.857	Y		
3.1) NESP - Cipher Text TIP Upgrade Kit (Afloat)		2013 ⁽⁸⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Dec 2012	Feb 2013	41	16.195	Y		
3.1) NESP - Cipher Text TIP Upgrade Kit (Afloat)		2014 ⁽⁹⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Dec 2013	Feb 2014	21	16.524	Y		
3.2) NESP - TIP Thin Line Upgrade Kit (Afloat)		2012 ⁽¹⁰⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Jan 2012	Mar 2012	3	253.667	Y		
3.2) NESP - TIP Thin Line Upgrade Kit (Afloat)		2013 ⁽¹¹⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Dec 2012	Feb 2013	7	259.143	Y		
3.2) NESP - TIP Thin Line Upgrade Kit (Afloat)		2014 ⁽¹²⁾	SSC PAC / San Diego, CA	Various	SSC-PAC	Dec 2013	Feb 2014	2	263.500	Y		
4) (NR112) Commercial Broadcast Satellite Program (CBSP) Ashore												
4.2) CBSP Force Level Variant (FLV)		2014	TBD / TBD.	TBD	SPAWAR	Feb 2014	Jul 2014	1	1,039.000	Y		
5) (NR117) Global Broadcast Service (GBS)												
5.1) GBS - JPIM Modem Upgrade		2012	VIASAT / Carlsbad, CA	SS / FFP	SSC-LANT	Jun 2012	Dec 2012	13	110.231	Y		
5.1) GBS - JPIM Modem Upgrade		2013	VIASAT / Carlsbad, CA	SS / FFP	SSC-LANT	Feb 2013	Aug 2013	104	111.904	Y		
5.3) GBS - Next Generation Receive Terminals (Shore)		2012 ⁽¹³⁾	Windmill International, Inc. / Nashua, NH	C / FFP	SSC-LANT	May 2012	Aug 2012	10	218.000	Y		
5.3) GBS - Next Generation Receive Terminals (Shore)		2013 ⁽¹⁴⁾	Windmill International, Inc. / Nashua, NH	C / FFP	SSC-LANT	Apr 2013	Jul 2013	10	222.400	Y		Mar 2011
5.3) GBS - Next Generation Receive Terminals (Shore)		2014 ⁽¹⁵⁾	Windmill International, Inc. / Nashua, NH	C / FFP	SSC-LANT	Dec 2013	Mar 2014	9	226.778	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems				Aggregated Item Name: Satellite Communications Systems				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5.4) GBS - DECC Split IP Upgrade Kit		2012	SPAWAR SYSTEM Center / ATLANTIC	Various	SSC-LANT	Dec 2011	Feb 2012	2	120.000	Y		
6) (NR118) JMINI Control System												
6.1) JMINI Control System-Shore		2012 ⁽¹⁶⁾	VIASAT / Carlsbad, CA	SS / FFP	SSC-PAC	Sep 2012	Jun 2013	1	1,399.000	Y		Oct 2011
12) (NR127) Spectral Warrior (SW) / Spider Net (SN)												
12.1) SW/SN - Spectrum Analyzer System		2014	TBD ⁽¹⁷⁾ / TBD	C / CPFF	SPAWAR	May 2014	Nov 2014	6	360.000	N	Nov 2013	Nov 2013
Footnotes: ⁽⁷⁾ NR107 (NESP) - FY12 Cipher Text TIP Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽⁸⁾ NR107 (NESP) - FY13 Cipher Text TIP Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽⁹⁾ NR107 (NESP) - FY14 Cipher Text TIP Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽¹⁰⁾ NR107 (NESP) - FY12 TIP Thinline Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽¹¹⁾ NR107 (NESP) - FY13 TIP Thinline Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽¹²⁾ NR107 (NESP) - FY14 TIP Thinline Upgrade Kits are performed in house at SPAWAR System Center PAC utilizing multiple contract vehicles to procure necessary component parts based on platform specific requirements. ⁽¹³⁾ NR117 (GBS) - FY12 Next Generation Receive Terminal (NGRT) award date delay due to change in contract vehicle previously planned with the Air Force. This is the KA-10 interim solution. ⁽¹⁴⁾ NR117 (GBS) - FY13 is a new Joint contract with Windmill currently being negotiated and pending testing activities with the Air Force. ⁽¹⁵⁾ NR117 (GBS) - FY14 is a new Joint contract with Windmill currently being negotiated and pending testing activities with the Air Force. ⁽¹⁶⁾ NR118 (JMINI) - FY12 unit cost varies due to operational requirements for capacity and varying site architecture. ⁽¹⁷⁾ New competitive FFP contract.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat		
Models of Systems Affected: Submarines, ships			Type Modification: upgrade					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	84.908	14.778	17.651	16.752	-	16.752	19.842	21.249	26.541	27.004	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	84.908	14.778	17.651	16.752	-	16.752	19.842	21.249	26.541	27.004	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	84.908	14.778	17.651	16.752	-	16.752	19.842	21.249	26.541	27.004	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Commercial Broadband Satellite Program (CBSP) - Afloat - Provides commercial wideband SATCOM terminals supporting capabilities such as Automated Digital Multiplexing System (ADMS), telemedicine, official and unofficial phones, public affairs officer information, imagery, and Meteorology and Oceanography Command (METOC) communications.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems					Modification Nomenclature (Modification Number - Modification Title): 1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat				
Models of Systems Affected: Submarines, ships			Type Modification: upgrade					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
(NR112) Commercial Broadband Satellite program (CBSP) - Afloat													
B Kits													
Recurring													
1.1.1) Small Ship Variant (SSV) - NonOrganic	27 / 4.290	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 4.290	
1.1.2) Unit Level Variant (ULV) - NonOrganic	30 / 28.482	- / -	2 / 5.358	- / -	- / -	- / -	- / -	13 / 9.326	16 / 10.784	16 / 10.976	Continuing	Continuing	
1.1.3) Force Level Variant (FLV) - NonOrganic ⁽¹⁸⁾	3 / 6.877	7 / 9.491	2 / 3.484	7 / 9.325	- / -	7 / 9.325	6 / 9.619	- / -	- / -	- / -	- / -	25 / 38.796	
Subtotal Recurring	60 / 39.649	7 / 9.491	4 / 8.842	7 / 9.325	- / -	7 / 9.325	6 / 9.619	13 / 9.326	16 / 10.784	16 / 10.976	- / -	52 / 43.086	
Total, (NR112) Commercial Broadband Satellite program (CBSP) - Afloat	60 / 39.649	7 / 9.491	4 / 8.842	7 / 9.325	- / -	7 / 9.325	6 / 9.619	13 / 9.326	16 / 10.784	16 / 10.976	Continuing	Continuing	
Total Procurement, All Modifications	60 / 39.649	7 / 9.491	4 / 8.842	7 / 9.325	- / -	7 / 9.325	6 / 9.619	13 / 9.326	16 / 10.784	16 / 10.976	- / -	- / -	
Support													
2.1) Training Equipment	- / 0.304	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.304	
2.2) Engineering Change Orders	- / 0.648	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.648	
2.3) Production Support ⁽¹⁹⁾	- / 4.426	- / 0.525	- / 0.531	- / 0.502	- / -	- / 0.502	- / 0.517	- / 0.515	- / 0.645	- / 0.673	Continuing	Continuing	
2.4) Other (DSA)	- / 8.154	- / 1.509	- / 1.531	- / 1.612	- / -	- / 1.612	- / 1.677	- / 2.936	- / 3.728	- / 1.621	Continuing	Continuing	
Total Support, All Modifications	13.532	2.034	2.062	2.114	-	2.114	2.194	3.451	4.373	2.294	-	0.952	
Total Procurement and Support	53.181	11.525	10.904	11.439	-	11.439	11.813	12.777	15.157	13.270	-	0.952	
(NR112) Commercial Broadband Satellite program (CBSP) - Afloat Installation Cost	- / 31.727	- / 3.253	- / 6.747	- / 5.313	- / -	- / 5.313	- / 8.029	- / 8.472	- / 11.384	- / 13.734	- / -	- / 88.659	
Total Installation Cost	- / 31.727	- / 3.253	- / 6.747	- / 5.313	- / -	- / 5.313	- / 8.029	- / 8.472	- / 11.384	- / 13.734	- / -	- / 88.659	
Total Cost (Procurement + Support + Installation)	84.908	14.778	17.651	16.752	-	16.752	19.842	21.249	26.541	27.004	-	89.611	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat				
Models of Systems Affected: Submarines, ships			Type Modification: upgrade				Related RDT&E PEs:					
Manufacturer Information: (NR112) Commercial Broadband Satellite program (CBSP) - Afloat												
Manufacturer Name: Harris Corp. ⁽²⁰⁾						Manufacturer Location: Palm Beach, FL						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2012											
Delivery Dates	Jun 2012											
Manufacturer Name: TBD - CBSP FLB ⁽²¹⁾						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Feb 2013	Feb 2014									
Delivery Dates		Jul 2013	Jul 2014									
Manufacturer Name: TBD - CBSP ULV ⁽²²⁾						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Feb 2013										
Delivery Dates		Aug 2013										
Installation: (NR112) Commercial Broadband Satellite program (CBSP) - Afloat												
Method of Implementation: Tiger Team				Installation Name: Small Ship Variant (SSV), Unit Level Variant (ULV) and Force Level Variant (FLV) Installs								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	57 / 31.727	3 / 2.387	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 34.114
FY 2012	- / -	1 / 0.866	6 / 5.307	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 6.173
FY 2013	- / -	- / -	2 / 1.440	2 / 1.764	- / -	2 / 1.764	- / -	- / -	- / -	- / -	- / -	4 / 3.204
FY 2014	- / -	- / -	- / -	4 / 3.549	- / -	4 / 3.549	3 / 2.674	- / -	- / -	- / -	- / -	7 / 6.223
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	6 / 5.355	- / -	- / -	- / -	- / -	6 / 5.355
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 8.472	- / -	- / -	- / -	13 / 8.472
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 11.384	- / -	- / -	16 / 11.384

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications										P-1 Line Item Nomenclature: 3215 - Satellite Communications Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - (NR112) Commercial Broadband Satellite program (CBSP) - Afloat											
Models of Systems Affected: Submarines, ships					Type Modification: upgrade										Related RDT&E PEs:																
Installation: (NR112) Commercial Broadband Satellite program (CBSP) - Afloat										Method of Implementation: Tiger Team										Installation Name: Small Ship Variant (SSV), Unit Level Variant (ULV) and Force Level Variant (FLV) Installs											
Installation Cost										Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total										
										Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)									
FY 2018										-	/	-	-	/	-	-	/	-	16 / 13.734	-	/	-	16 / 13.734								
To Complete										-	/	-	-	/	-	-	/	-	-	/	-	-	/	-							
Total										57 / 31.727	4 / 3.253	8 / 6.747	6 / 5.313	-	/	-	6 / 5.313	9 / 8.029	13 / 8.472	16 / 11.384	16 / 13.734	-	/	-	129 / 88.659						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	57	-	-	1	3	-	2	1	3	2	1	1	4	-	3	-	5	1	-	-	13	-	-	-	16	-	-	-	16	-	129
Out	57	-	-	-	1	3	-	2	1	3	2	1	1	4	-	3	-	5	1	-	-	13	-	-	-	16	-	-	-	16	129
Footnotes: (18) (2)FLV terminals include a single and a dual antenna configuration which influences average unit cost. (2)Prior to installation, 1-2 months of integration time is required. (19) Prior to installation, 1-2 months of integration time is required. (20) CBSP - Force Level Variant (FLV) and Unit Level Variant (ULV) (21) CBSP - Follow on Force Level Variant (FLV) MFG TBD. Contract award date February 2013. (22) CBSP - Follow on Unit Level Variant (ULV) MFG TBD. Contract award date February 2013. Once contract is awarded the program plans to exercise option years starting Jan 01.																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications	P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 290

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	173.160	107.242	184.825	215.952	-	215.952	278.146	128.841	57.129	58.003	64.180	1,267.478
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	173.160	107.242	184.825	215.952	-	215.952	278.146	128.841	57.129	58.003	64.180	1,267.478
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	173.160	107.242	184.825	215.952	-	215.952	278.146	128.841	57.129	58.003	64.180	1,267.478
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	1.192	1.300	0.671	-	0.671	0.813	0.811	-	-	-	4.787
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Navy Multiband Terminal (NMT) System provides funds for procurement of ship, submarine, and shore protected and wideband Military Satellite Communications (MILSATCOM) terminals via earth orbiting relay satellites in the Super High Frequency, Ka, and Extremely High Frequency (EHF) bands. The NMT provides warfighters with the assured, jam resistant, secure SATCOM for message traffic, data transfer and secure voice communications. These procurements are scheduled to meet the satellite communications requirements established by the Chief of Naval Operations in the Fleet Communications Planning and Programming documents.

NAVY MULTIBAND TERMINAL (NMT - NS108): The NMT program is the next generation maritime military satellite communications terminal. The NMT Program is the required Navy component to the Advanced Extremely High Frequency (AEHF) Program for enhancing protected and survivable satellite communications to Naval forces. NMT multiband communication capabilities will communicate two way Ka-Band on Wideband Global SATCOM (WGS) and shipboard and submarine terminals to communicate with X-Band using the Defense Satellite Communications System and WGS. NMT is compatible with today's Navy Low Data Rate/Medium Data Rate terminals, X-Band terminals and will sustain the MILSATCOM architecture by providing connectivity across the spectrum of mission areas, to include land, air and naval warfare, special operations, strategic nuclear operations, strategic defense, theater missile defense, and space operations and intelligence. The NMT system will replenish and improve on the capabilities of both the Military Strategic and Tactical Relay System (MILSTAR) and WGS system by equipping the warfighters with the assured, jam resistant, secure communications as described in the Operational Requirements Document (Wideband Gapfiller System ORD, AFSPC ORD 004-99, May 3, 2000) for the joint AEHF Satellite Communications and WGS System.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications												P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 290																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 3216 Navy Multiband Terminal (NMT) - Afloat	P3A				153.258			96.383			169.304			197.336			-			197.336
2 - 3216 Navy Multiband Terminal (NMT) - Ashore	P3A				19.902			10.859			15.521			18.616			-			18.616
Total Gross/Weapon System Cost					173.160			107.242			184.825			215.952			-			215.952

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1 - 3216 Navy Multiband Terminal (NMT) - Afloat	P3A				253.213			103.379			52.855			41.859			64.180			1,131.767
2 - 3216 Navy Multiband Terminal (NMT) - Ashore	P3A				24.933			25.462			4.274			16.144			-			135.711
Total Gross/Weapon System Cost					278.146			128.841			57.129			58.003			64.180			1,267.478

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

1. FY10-11 terminal procurements were limited to a Q/Ka only capability.
2. FY12 and beyond procurements include the addition of X/Ka capability, increasing the mix and quantity of components provided for each platform.
3. FY13-15 procurements include X/Ka capability backfits on ship terminals procured in FY10-11.
4. FY14 and beyond procurements include the addition of the Advanced EHF Time Division Multiple Access Interface Processor (ATIP) and its backfits on terminals previously procured in FY10-13.
5. Unit cost will vary year to year due a different mix of platform variants and quantity of components procured each year. There are 13 variants of the NMT terminal. Unit cost is also determined by contract quantity pricing at the total order level (ship/sub/shore).
6. The net effect on unit costs is an overall increase due to the additional cost of the X/Ka backfit and ATIP capability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 3216 Navy Multiband Terminal (NMT) - Afloat			

Models of Systems Affected: Shore stations, ships, submarines				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303109N			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	153.258	96.383	169.304	197.336	-	197.336	253.213	103.379	52.855	41.859	64.180	1,131.767
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	153.258	96.383	169.304	197.336	-	197.336	253.213	103.379	52.855	41.859	64.180	1,131.767
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	153.258	96.383	169.304	197.336	-	197.336	253.213	103.379	52.855	41.859	64.180	1,131.767

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[Afloat Ship] Provides jam resistant, low probability of interception and detection for protected extended data rate communications with AEHF capability.

[Afloat Ship] To Complete includes installations for Advanced EHF Time Division Multiple Access Interface Processor (ATIP) backfits and X/Ka backfits.

[Afloat Sub] Provides jam resistant, low probability of interception and detection for protected extended data rate communications with AEHF capability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 3216 Navy Multiband Terminal (NMT) - Afloat			

Models of Systems Affected: Shore stations, ships, submarines			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303109N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
3216 Navy Multiband Terminal (NMT) - Afloat												
B Kits												
Recurring												
1.1.1) Afloat Ship - NonOrganic ⁽¹⁾	48 / 103.357	14 / 45.753	20 / 91.781	22 / 95.997	- / -	22 / 95.997	22 / 126.030	5 / 32.480	- / -	- / -	- / -	131 / 495.398
1.1.2) Afloat Sub - NonOrganic	26 / 18.824	10 / 9.084	9 / 9.775	18 / 20.168	- / -	18 / 20.168	1 / 3.360	10 / 10.090	- / -	- / -	- / -	74 / 71.301
1.1.3) Production Support - Ship - NonOrganic	- / 6.617	- / 0.886	- / 1.801	- / 0.994	- / -	- / 0.994	- / 1.056	- / 0.932	- / 0.792	- / 0.594	- / -	- / 13.672
1.1.4) Production Support - Sub - NonOrganic	- / 1.171	- / 0.283	- / 0.655	- / 0.783	- / -	- / 0.783	- / 0.068	- / 0.521	- / 0.443	- / 0.332	- / -	- / 4.256
1.1.5) Other DSA - Ship - NonOrganic	- / 6.171	- / 5.364	- / 4.553	- / 4.971	- / -	- / 4.971	- / 2.548	- / 2.065	- / 2.657	- / 1.625	- / 0.065	- / 30.019
1.1.6) Other DSA - Sub - NonOrganic	- / 3.427	- / 1.969	- / 0.766	- / 0.316	- / -	- / 0.316	- / 0.426	- / 0.584	- / 0.781	- / 1.727	- / 0.097	- / 10.093
Subtotal Recurring	74 / 139.567	24 / 63.339	29 / 109.331	40 / 123.229	- / -	40 / 123.229	23 / 133.488	15 / 46.672	- / 4.673	- / 4.278	- / 0.162	205 / 624.739
<i>Total, 3216 Navy Multiband Terminal (NMT) - Afloat</i>	<i>74 / 139.567</i>	<i>24 / 63.339</i>	<i>29 / 109.331</i>	<i>40 / 123.229</i>	<i>- / -</i>	<i>40 / 123.229</i>	<i>23 / 133.488</i>	<i>15 / 46.672</i>	<i>- / 4.673</i>	<i>- / 4.278</i>	<i>- / 0.162</i>	<i>205 / 624.739</i>
Total Procurement, All Modifications	74 / 139.567	24 / 63.339	29 / 109.331	40 / 123.229	- / -	40 / 123.229	23 / 133.488	15 / 46.672	- / 4.673	- / 4.278	- / 0.162	205 / 624.739
Total Procurement and Support	139.567	63.339	109.331	123.229	-	123.229	133.488	46.672	4.673	4.278	0.162	624.739
3216 Navy Multiband Terminal (NMT) - Afloat Installation Cost	- / 13.691	- / 33.044	- / 59.973	- / 74.107	- / -	- / 74.107	- / 119.725	- / 56.707	- / 48.182	- / 37.581	- / 64.018	- / 507.028
Total Installation Cost	- / 13.691	- / 33.044	- / 59.973	- / 74.107	- / -	- / 74.107	- / 119.725	- / 56.707	- / 48.182	- / 37.581	- / 64.018	- / 507.028
Total Cost (Procurement + Support + Installation)	153.258	96.383	169.304	197.336	-	197.336	253.213	103.379	52.855	41.859	64.180	1,131.767

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications								P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 3216 Navy Multiband Terminal (NMT) - Afloat															
Models of Systems Affected: Shore stations, ships, submarines								Type Modification: [No Modification Type Specified]								Related RDT&E PEs: 0303109N															
Manufacturer Information: 3216 Navy Multiband Terminal (NMT) - Afloat																															
Manufacturer Name: Raytheon														Manufacturer Location: Marlborough, MA																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 15																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012				Dec 2012				Jan 2014																					
Delivery Dates		Jun 2013				Mar 2014				Apr 2015																					
Installation: 3216 Navy Multiband Terminal (NMT) - Afloat														Method of Implementation: Method										Installation Name: Navy Multiband Terminal (NMT) - Afloat							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		15 / 13.691		31 / 33.044		28 / 40.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		74 / 87.335					
FY 2012		- / -		- / -		16 / 19.373		8 / 30.603		- / -		8 / 30.603		- / -		- / -		- / -		- / -		- / -		- / -		24 / 49.976					
FY 2013		- / -		- / -		- / -		13 / 43.504		- / -		13 / 43.504		16 / 52.063		- / -		- / -		- / -		- / -		- / -		29 / 95.567					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		28 / 67.662		12 / 33.520		- / -		- / -		- / -		- / -		40 / 101.182					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 23.187		16 / 48.182		- / -		- / -		- / -		23 / 71.369					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 37.581		3 / 64.018		- / -		15 / 101.599					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		15 / 13.691		31 / 33.044		44 / 59.973		21 / 74.107		- / -		21 / 74.107		44 / 119.725		19 / 56.707		16 / 48.182		12 / 37.581		3 / 64.018		- / -		205 / 507.028					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1	1	6	2	9	8	16	20	16	8	8	6	6	4	10	12	13	9	12	-	3	4	6	8	2	-	3	5	3	4	205
Out	1	-	1	6	2	9	8	16	20	16	8	8	6	6	4	10	12	13	9	12	-	3	4	6	8	2	-	3	5	7	205
Footnotes: ⁽¹⁾ 1. FY10-11 terminal procurements were limited to a Q/Ka only capability. 2. FY12 and beyond procurements include the addition of X/Ka capability, increasing the mix and quantity of components provided for each platform. 3. FY13-15 procurements include X/Ka capability backfits on ship terminals procured in FY10-11. 4. FY14 and beyond procurements include the addition of the Advanced EHF Time Division																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications	P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 3216 Navy Multiband Terminal (NMT) - Afloat
Models of Systems Affected: Shore stations, ships, submarines	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303109N
Multiple Access Interface Processor (ATIP) and its backfits on terminals previously procured in FY10-13. 5. Unit cost will vary year to year due a different mix of platform variants and quantity of components procured each year. There are 13 variants of the NMT terminal. Unit cost is also determined by contract quantity pricing at the total order level (ship/sub/shore). 6. The net effect on unit costs is an overall increase due to the additional cost of the X/Ka backfit and ATIP capability. 7. Procurement lead time is 15 months to deliver the first terminal. Deliveries continue over a 12 month period with the last delivery occurring 27 months after award. Per contract, a minimum of 2 terminals are delivered each month during the next 12 months to keep the production line open. For FY14 the expected delivery will be from April 2015 to March 2016. 8. Per Fleet Modernization Program (FMP), terminals need to arrive at the shipyard facility 30 days prior to induction. 9. First quarter installations reflected in the Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. 10. The installation plan is supported by a flexible industry labor base.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 3216 Navy Multiband Terminal (NMT) - Ashore				
Models of Systems Affected: Shore stations, ships, submarines			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303109N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	19.902	10.859	15.521	18.616	-	18.616	24.933	25.462	4.274	16.144	-	135.711
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	19.902	10.859	15.521	18.616	-	18.616	24.933	25.462	4.274	16.144	-	135.711
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	19.902	10.859	15.521	18.616	-	18.616	24.933	25.462	4.274	16.144	-	135.711
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [Ashore] Provides jam resistant, low probability of interception and detection for protected extended data rate communications with AEHF capability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 3216 Navy Multiband Terminal (NMT) - Ashore				

Models of Systems Affected: Shore stations, ships, submarines			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303109N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
3216 Navy Multiband Terminal (NMT) - Ashore												
B Kits												
Recurring												
1.1.1) Ashore - NonOrganic ⁽²⁾	13 / 18.140	2 / 1.823	10 / 13.526	5 / 9.361	- / -	5 / 9.361	6 / 14.960	9 / 21.010	- / -	- / -	- / -	45 / 78.820
1.1.2) Production Support - Ashore - Organic	- / 0.862	- / 0.127	- / 0.728	- / 0.218	- / -	- / 0.218	- / 0.526	- / 0.932	- / 0.699	- / 0.524	- / -	- / 4.616
1.1.3) Other DSA - Ashore - Organic	- / 0.075	- / 0.810	- / 0.115	- / 0.822	- / -	- / 0.822	- / 0.859	- / 0.320	- / 0.325	- / 1.420	- / -	- / 4.746
Subtotal Recurring	13 / 19.077	2 / 2.760	10 / 14.369	5 / 10.401	- / -	5 / 10.401	6 / 16.345	9 / 22.262	- / 1.024	- / 1.944	- / -	45 / 88.182
Total, 3216 Navy Multiband Terminal (NMT) - Ashore	13 / 19.077	2 / 2.760	10 / 14.369	5 / 10.401	- / -	5 / 10.401	6 / 16.345	9 / 22.262	- / 1.024	- / 1.944	- / -	45 / 88.182
Total Procurement, All Modifications	13 / 19.077	2 / 2.760	10 / 14.369	5 / 10.401	- / -	5 / 10.401	6 / 16.345	9 / 22.262	- / 1.024	- / 1.944	- / -	45 / 88.182
Total Procurement and Support	19.077	2.760	14.369	10.401	-	10.401	16.345	22.262	1.024	1.944	-	88.182
3216 Navy Multiband Terminal (NMT) - Ashore Installation Cost	- / 0.825	- / 8.099	- / 1.152	- / 8.215	- / -	- / 8.215	- / 8.588	- / 3.200	- / 3.250	- / 14.200	- / -	- / 47.529
Total Installation Cost	- / 0.825	- / 8.099	- / 1.152	- / 8.215	- / -	- / 8.215	- / 8.588	- / 3.200	- / 3.250	- / 14.200	- / -	- / 47.529
Total Cost (Procurement + Support + Installation)	19.902	10.859	15.521	18.616	-	18.616	24.933	25.462	4.274	16.144	-	135.711

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 13: Satellite Communications				P-1 Line Item Nomenclature: 3216 - Navy Multiband Terminal (NMT)			
				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 3216 Navy Multiband Terminal (NMT) - Ashore			
Models of Systems Affected: Shore stations, ships, submarines		Type Modification: [No Modification Type Specified]			Related RDT&E PEs: 0303109N		

Manufacturer Information: 3216 Navy Multiband Terminal (NMT) - Ashore

Manufacturer Name: Raytheon				Manufacturer Location: Marlborough, MA			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 15			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Dec 2012	Jan 2014				
Delivery Dates	Jun 2013	Mar 2014	Apr 2015				

Installation: 3216 Navy Multiband Terminal (NMT) - Ashore				Method of Implementation: Method				Installation Name: Navy Multiband Terminal (NMT) - Ashore				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 0.825	12 / 8.099	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 8.924
FY 2012	- / -	- / -	2 / 1.152	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.152
FY 2013	- / -	- / -	- / -	8 / 8.215	- / -	8 / 8.215	2 / 2.454	- / -	- / -	- / -	- / -	10 / 10.669
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	5 / 6.134	- / -	- / -	- / -	- / -	5 / 6.134
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.200	3 / 3.250	- / -	- / -	6 / 6.450
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 14.200	- / -	9 / 14.200
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.825	12 / 8.099	2 / 1.152	8 / 8.215	- / -	8 / 8.215	7 / 8.588	3 / 3.200	3 / 3.250	9 / 14.200	- / -	45 / 47.529

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	1	4	2	4	2	-	2	-	-	-	4	4	-	2	-	5	-	-	-	3	-	3	-	-	-	4	2	3	-	45
Out	-	-	1	4	2	4	2	-	2	-	-	-	4	4	-	2	-	5	-	-	-	3	-	3	-	-	-	4	2	3	45

Footnotes:
⁽²⁾ 1. Procurement lead time is 15 months to deliver the first terminal. Deliveries continue over a 12 month period with the last delivery occurring 27 months after award. Per contract, a minimum of 2 terminals are delivered each month during the next 12 months to keep the production line open. For FY14 the expected delivery will be from April 2015 to March 2016.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications								P-1 Line Item Nomenclature: 3302 - JCS Communications Equipment												
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	2.244	2.186	2.180	4.463	-	4.463	4.468	4.757	4.781	4.672	Continuing	Continuing								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	2.244	2.186	2.180	4.463	-	4.463	4.468	4.757	4.781	4.672	Continuing	Continuing								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	2.244	2.186	2.180	4.463	-	4.463	4.468	4.757	4.781	4.672	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line funds the Department of the Navy's portion of the Joint Communications Support Element Program. This program is jointly funded by Army, Navy, Marine Corps and Air Force in support of Joint Tactical Force and Joint Special Operations Task Force Headquarters.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
JCS Communications Equipment	P40A				2.244			2.186			2.180			4.463			-			4.463
Total Gross/Weapon System Cost					2.244			2.186			2.180			4.463			-			4.463
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: Funds procure various communications equipment to include the following: Commercial-Off-the-Shelf small aperture / Wide-band High Data Rate satellite terminals / Ultra High Frequency Next Generation satellite systems / Multi-band spread spectrum Line of Sight transmission systems / Communication, Command, Control and Computers extension package upgrades / Voice Over Internet Protocol, Voice Over Secure Internet Protocol and Everything Over Internet Protocol network data equipment / Defense Message System Tactical / Joint Worldwide Intelligence Communication Systems / Communications Security																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications		P-1 Line Item Nomenclature: 3302 - JCS Communications Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): Secure Telephone Equipment / Network COMSEC KG-250s, KG-21, SECNET 64 Wireless Type I / personal communications systems to provide seamless integration of commercial cellular service to the tactical network / manpack multi-mode multi-band radios for the quick reaction element / Commercial-Off-the-Shelf Theater Deployable Communications switch upgrades / Wide Area Network Access for Global Information Grid Next Generation multi-media / Broad Band Campus with Information Assurance suites / Global Broadcast System (GBS) Time Division Multiple Access Interface Processor / GBS receive suite upgrades / Video Teleconferencing upgrades.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications								P-1 Line Item Nomenclature: 3302 - JCS Communications Equipment							Aggregated Item Name: JCS Communications Equipment					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) Joint Communication Support Element Modernization																				
1.1) Joint Communication Support Element Modernization (1)	A		-	-	2.244	-	-	2.186	-	-	2.180	-	-	4.463	-	-	-	-	-	4.463
Total					2.244			2.186			2.180			4.463			-			4.463

Footnotes:
 (1) Quantities are not shown. Quantities and equipment type are determined by the COCOM on an annual basis based on Joint Task Force and Joint Special Operations Task Force operational requirements for critical communications.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications	P-1 Line Item Nomenclature: 3303 - Electrical Power Systems

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	1.329	1.354	0.778	-	0.778	1.404	1.429	1.453	1.479	-	9.226
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	1.329	1.354	0.778	-	0.778	1.404	1.429	1.453	1.479	-	9.226
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	1.329	1.354	0.778	-	0.778	1.404	1.429	1.453	1.479	-	9.226

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Procures, installs, and replaces generators and UPS systems to provide highly reliable, continuous, high quality power subsystems to support Navy Cyber Forces. Some of the operational load is designated as "critical" and requires Uninterruptible Power Supply Systems for instantaneous application in case of loss or disturbance of the primary power source.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Electrical Power Systems	P40A, P5A				0.000			1.329			1.354			0.778			-			0.778
Total Gross/Weapon System Cost					0.000			1.329			1.354			0.778			-			0.778

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications								P-1 Line Item Nomenclature: 3303 - Electrical Power Systems								Aggregated Item Name: Electrical Power Systems				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1) Electrical Power Systems (Fleet Forces Command)																				
† 1.1) Procure & Install Generators - NRTF Dixon	A		-	-	-	1.329	1	1.329	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) Procure & Install Generators - NRTF Grindavik	A		-	-	-	-	-	-	1.354	1	1.354	-	-	-	-	-	-	-	-	-
† 1.3) Procure & Install Generators - NCTS Bahrain	A		-	-	-	-	-	-	-	-	-	0.778	1	0.778	-	-	-	0.778	1	0.778
1.4) Procure & Install UPS System, Comm Facility Bahrain	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Procure & Install UPS Systems, Comm Facility Norfolk	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) Procure & Install Generator, Comm Facility Jacksonville	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Procure & Install Generator, Comm Facility Rota	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) Procure & Install UPS Replacement, Comm Facility Diego Garcia	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total					0.000			1.329			1.354			0.778			-			0.778

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications				P-1 Line Item Nomenclature: 3303 - Electrical Power Systems					Aggregated Item Name: Electrical Power Systems			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Electrical Power Systems (Fleet Forces Command)												
1.1) Procure & Install Generators - NRTF Dixon		2012	URS Corporation / 600 Montgomery St, San Francisco, CA 94111	C / FP	NAVFAC SW, San Diego, CA	Jul 2012	Oct 2012	1	1.329	N		
1.2) Procure & Install Generators - NRTF Grindavik		2013	URS Corporation / 600 Montgomery St, San Francisco, CA 94111	C / FP	NAVFAC Engineering Service Center, Port Hueneme	Jan 2013	Apr 2013	1	1.354	N		
1.3) Procure & Install Generators - NCTS Bahrain		2014	URS Corporation / 600 Montgomery St, San Francisco, CA 94111	C / FP	SPAWAR Charleston, Charleston SC	Jan 2014	Apr 2014	1	0.778	N		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications							P-1 Line Item Nomenclature: 3368 - Naval Shore Communications						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	3.404	2.327	-	-	-	-	-	-	-	-	-	5.731	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	3.404	2.327	-	-	-	-	-	-	-	-	-	5.731	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	3.404	2.327	-	-	-	-	-	-	-	-	-	5.731	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Naval Shore Communications program procures, installs and sustains the Defense Message System (DMS), and Legacy Messaging System in support of Nuclear Command, Control & Communications. [P40A / Defense Messaging Systems (DMS) Equipment (D6001)]: The Joint DMS program has reached Full Operational Capability and is in the sustainment phase and due to go End of Life in FY13.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Naval Shore Communications	P40A, P5A				3.404			2.327			-			-			-			-
Total Gross/Weapon System Cost					3.404			2.327			-			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications									P-1 Line Item Nomenclature: 3368 - Naval Shore Communications							Aggregated Item Name: Naval Shore Communications				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) (D6001) Defense Messaging System (DMS)																				
† 1.1) Defense Messaging Systems (DMS) Equipment (D6001) ⁽¹⁾	A		705.333	3	2.116	520.667	3	1.562	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) (D6001) Defense Messaging System (DMS)					2.116			1.562			-			-			-			-
2) (D6555) Production Support																				
2.1) Defense Messaging Systems (DMS) Production Support	A		-	-	0.122	-	-	0.083	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) (D6555) Production Support					0.122			0.083			-			-			-			-
3) (D6776) Non-FMP Installation																				
3.1) Defense Messaging Systems Non-FMP Installation ⁽²⁾	A		-	-	1.166	-	-	0.682	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) (D6776) Non-FMP Installation					1.166			0.682			-			-			-			-
Total					3.404			2.327			-			-			-			-
Footnotes: (1) FY12 quantity indicates number of suites, not actual hardware systems and unit cost fluctuation is due to virtualization at 3 suites which reduces the number of hardware components required. FY12 Funding provides for the procurement, engineering, integration and installation of interoperable systems to support the future of Command & Control Official Information Exchange (C2OIX). Funding for C2OIX in FY13 and out is located in LI 3050. (2) FY12 Funding provides for the procurement, engineering, integration and installation of interoperable systems to support the future of Command & Control Official Information Exchange (C2OIX).																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 14: Shore Communications				P-1 Line Item Nomenclature: 3368 - Naval Shore Communications					Aggregated Item Name: Naval Shore Communications			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) (D6001) Defense Messaging System (DMS)												
1.1) Defense Messaging Systems (DMS) Equipment (D6001)		2012 ⁽³⁾	Lockheed Martin / Virginia	C / FFP	San Diego, CA	Dec 2011	Aug 2012	3	520.667	Y		
Footnotes: ⁽³⁾ FY12 qty indicates number of suites, not actual hardware systems. Unit cost fluctuation is due to virtualization at 3 suites which reduces the number of hardware components required.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303140N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,229.302	93.960	144.104	133.530	-	133.530	149.744	138.948	93.142	95.397	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,229.302	93.960	144.104	133.530	-	133.530	149.744	138.948	93.142	95.397	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	1,229.302	93.960	144.104	133.530	-	133.530	149.744	138.948	93.142	95.397	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	0.762	0.834	1.497	-	1.497	2.274	1.810	1.484	0.138	Continuing	Continuing
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Information Systems Security Program (ISSP) ensures the protection of Navy and joint cyberspace systems from exploitation and attack. Cyberspace systems include wired and wireless telecommunications systems, information technology (IT) systems, and the content processed, stored, or transmitted therein. ISSP includes protection of the Navy's National Security Systems (NSS).

The ISSP provides for the procurement of secure communications equipment to Navy ships, shore sites, aircraft, Marine Corps, and United States Coast Guard. ISSP protects information systems from unauthorized access or modification of information, and against the denial of service to authorized users or provision of service to unauthorized users. Information Assurance (IA) / Computer Network Defense (CND) is a layered protection strategy, using Commercial Off-The-Shelf (COTS) and Government Off-The-Shelf (GOTS) hardware and software products that collectively provide an effective Network Security Infrastructure (multiple level security mechanisms and ability to detect and react to intrusions). IA/CND is critical in protecting our ability to wage Network Centric Warfare (NCW).

The ISSP supports the entire Naval cyberspace domain from the mobile forward-deployed subscriber, through the ashore supporting critical information infrastructure, and the interconnection with other cyberspace domains. The interconnectivity of naval and joint networks, connections to allied and coalition partners, connections to the public information infrastructure, and their use in naval and joint war fighting causes Navy cyberspace to be a higher value target more easily attacked.

The rapid change in the underlying commercial and government cyber infrastructures makes cyber security an increasingly complex and dynamic problem. The ISSP provides the Navy's warfighter the essential information trust characteristics of availability, confidentiality, integrity, authentication, and non-repudiation. IA/CND, key supporting cyber security activities, must evolve quickly to meet the rapidly evolving threats and vulnerabilities. Implementing the ISSP requires new acquisition approaches to stay ahead of the adversary, including nation-states, terrorist, and criminal organizations.

The program provides hardware and software to the Navy with these cyber security systems: (1) defense of National Security Systems and Information; (2) assured separation of information levels and user communities, including allied, coalition, non-Governmental, Defense Industrial Base, and other public partners; (3) technologies supporting the Navy's Computer Network Defense Service Providers (CNDSP) operations; (4) assurance use of the Navy's telecommunications infrastructure and the wireless spectrum; (5) assurance of joint-user cyberspace domains, using a defense-in-depth architecture; (6) assurance of the critical computing base and information store; and, (7) supporting assurance technologies, including a Public Key Infrastructure (PKI). The ISSP program must be rapid, predictive, adaptive, and tightly coupled to cyberspace technology.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment		P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:		Other Related Program Elements: 0303140N
MDAP/MAIS Code(s):			
The following ISSP efforts will be funded under this program in FY14: Computer Network Defense (CND) (DA070): Equipment to be procured in FY14 is to secure Navy network information systems. Procurements within the CND Increment 2 equipment line include hardware and software such as servers, laptops, accessories and appliances that provide the following capabilities: Firewall components which provide protection for networks from unauthorized users, Virtual Private Networks (VPNs) which provide encrypted "Point-to-Point" virtual communication networks, Intrusion Prevention Systems (IPS), Boundary Protection (BP), Host Based Security Systems (HBSS), Information Assurance Security Manager (IASM), Assured Compliance Assessment Solution (ACAS), Keyboard, Video Mouse (KVM) equipment, Administrator Access Control, Network Security tools and network and content filtering. Hardware and software will also be procured to support the ONE-Net Site Collapse strategy. Communications Security/Cryptographic (COMSEC/CRYPTO) (DA 071): Procurements within the COMSEC/Crypto equipment line include various families of Crypto Data and Crypto Voice products. Crypto Data products include KIV-7M (device used for COMSEC Crypto Serial Replacement which is the replacement for the WALBURN family, the SAVILLE family, KW-46, and KL-51 crypto devices), Cryptographic Universal Enclosures (CUE), KGV-136B Suite, KG-3X (KG-333, KG-334, and KG-361), Identify Friend or Foe (IFF) devices, In-Line Network Encryptors (to include KG-175A, KG-175D, KG-175G, KOV-26, KIV-54, KG-250, KG-250X), KG-45A, KGV-135A, AN-PYQ-20(v)(c) formerly KL-51M (Laptop, Suitcase and Components), KOK-23, KG 40AR, and KO2 Enclosure replacement (HNF 2/3). Associated ancillary testers, rack mount enclosures and parts are also included. Crypto Voice products include Tactical Secure Gateway (TSG), Voice System Cryptographic Equipment, VINSON/Advanced Narrowband Digital Voice Terminal Cryptographic Modernization (VACM), AN/USC 43 (v)M, KY-57, KY-58, KY-99, KY-100, Next Generation Internet Protocol Phones (Next Generation IP Phones/Call Manager), and Navy Certificate Validation Infrastructure Cards Electronic Key Management System (EKMS) / Key Management Infrastructure (KMI): (DA005) EKMS provides for cryptographic key management with the Department of Navy (DON). This program provides for the procurement of software and hardware management system, which consists of Interoperable Joint Service and Civil Agency key management components. The National Security Agency (NSA) established the EKMS program to meet multiple objectives which include supplying electronic key in a secure and operationally responsive manner and providing EKMS/COMSEC managers with an automated system capable of ordering, generating, distributing, storing, security, accounting, and access control. EKMS/KMI equipment to be procured includes, KMI Manager Clients Advanced Key Processors, and associated ancillary, production support and installation are also included. KMI is the next generation key management system that provides for net-centric, web based architecture for the ordering, management and distribution of all cryptographic key material to support DoN users. KMI is a NSA program with the services procuring and deploying the Manager Client / Advanced Key Processor, Manager Only Clients, High Assurance Internet Protocol Encryptor (HAPE) or Delivery Only Client (DOC) to replace the EKMS Local Management Device (LMD) / KP platforms. The Next Gen Fill device will replace the Simple Key Loader (SKL) which stores, manages, transfers and loads cryptographic key material and COMSEC data through automatic loading of End Cryptographic Units (ECU). Specifically, the SKL and its predecessor Data Transfer Device (DTD) provides the next generation DTD, which is based on a Personal Computer Memory Card International Association card (crypto engine) and COTS notebook / palmtop computer running GOTS software. DMD provides for intermediate key management to incorporate Mission Planning capabilities to the key packages. The Tactical Key Loader (TKL) is an EKMS Tier 3 electronic key loading device used to transfer and load cryptographic keys into ECU. This system will augment the aging and obsolete KYK-13. Public Key Infrastructure (PKI) (DA018): DoD mandated the PKI program implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email.			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment										P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0303140N									
MDAP/MAIS Code(s): PKI procurements include: Alternate Logon Tokens (ALT); continued upgrade of Real-Time Automated Personnel Identification System (RAPIDS); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g.: Elliptic Curve Cryptography, SHA-256, SHA-3); SIPRNet Afloat Shipboard Validation Authorities (SVA); Online Certificate Status Protocol (OCSP) responders.																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Info Systems Security Program (ISSP)	P40A				365.919			-			-			-			-			-
1 - Computer Network Defense (CND) Increment 2- Afloat	P3A				0.000			11.762			7.742			5.826			-			5.826
2 - Computer Network Defense (CND) Increment 2- Shore	P3A				1.389			8.738			14.099			14.115			-			14.115
3 - Cyber Security VSE - Afloat	P3A				0.000			-			3.020			0.324			-			0.324
4 - Cyber Security VSE - Ashore	P3A				0.000			-			4.620			0.776			-			0.776
5 - Communications Security (COMSEC / CRYPTO) - Afloat	P3A				189.960			19.566			57.892			48.098			-			48.098
6 - Communications Security (COMSEC / CRYPTO) - Shore	P3A				546.573			27.053			25.341			26.020			-			26.020
7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	P3A				27.216			3.045			11.865			13.830			-			13.830
8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	P3A				23.262			21.822			18.581			22.772			-			22.772
9 - Public Key Infrastructure (PKI) Security Products - Afloat	P3A				38.095			1.974			0.944			-			-			-
10 - Public Key Infrastructure (PKI) Security Products - Shore	P3A				36.888			-			-			1.769			-			1.769

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment											P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0303140N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				1,229.302			93.960			144.104			133.530			-			133.530		
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
Info Systems Security Program (ISSP)	P40A			-			-			-			-			-			-		
1 - Computer Network Defense (CND) Increment 2-Afloat	P3A			6.748			7.207			6.273			3.645	Continuing			Continuing				
2 - Computer Network Defense (CND) Increment 2-Shore	P3A			19.251			19.211			19.104			22.075	Continuing			Continuing				
3 - Cyber Security VSE - Afloat	P3A			0.278			0.277			0.276			0.277			-			4.452		
4 - Cyber Security VSE - Ashore	P3A			0.362			0.363			0.364			0.363			-			6.848		
5 - Communications Security (COMSEC / CRYPTO) - Afloat	P3A			56.891			52.728			35.551			38.463	Continuing			Continuing				
6 - Communications Security (COMSEC / CRYPTO) - Shore	P3A			27.007			30.789			11.220			9.819	Continuing			Continuing				
7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	P3A			14.014			11.258			7.891			8.725	Continuing			Continuing				
8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	P3A			23.685			15.129			10.499			10.027	Continuing			Continuing				
9 - Public Key Infrastructure (PKI) Security Products - Afloat	P3A			-			-			-			-			-			41.013		
10 - Public Key Infrastructure (PKI) Security Products - Shore	P3A			1.508			1.986			1.964			2.003			-			46.118		
Total Gross/Weapon System Cost				149.744			138.948			93.142			95.397	Continuing			Continuing				

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment		P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303140N
MDAP/MAIS Code(s):		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: The procurement profile has been phased in accordance with validated requirements for Navy (ship, sub, shore, and aircraft), Marine Corps, and Coast Guard implementation plans and availability of NSA procured key management items.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment								P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)								Aggregated Item Name: Info Systems Security Program (ISSP)				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) Secure Voice																				
1.1) Secure Voice	A		-	-	145.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) Secure Voice</i>					145.143			-			-			-			-			-
2) (DA042) SCIP-IWF																				
2.1) SCIP-IWF - Afloat Procurement	A		717.214	14	10.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) (DA042) SCIP-IWF</i>					10.041			-			-			-			-			-
3) (DA044) Secure Voice Modernization (DA044)																				
3.1) SV Modernization - Afloat	A		-	-	14.169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SV Modernization - Shore	A		-	-	0.342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) (DA044) Secure Voice Modernization (DA044)</i>					14.511			-			-			-			-			-
4) (DA070) Computer Network Defense (CND)																				
4.1) Computer Network Defense INC 1 - Afloat	A		248.045	264	65.484	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Computer Network Defense INC 1 - Shore	A		5,410.692	13	70.339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) (DA070) Computer Network Defense (CND)</i>					135.823			-			-			-			-			-
5) (DA555) Production Support																				
5.1) SCIP-IWF Afloat	A		-	-	0.469	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) SV Modernization Afloat	A		-	-	1.127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) SV Modernization Shore	A		-	-	0.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CND Inc 1 Afloat	A		-	-	12.192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) CND Inc 1 Shore	A		-	-	1.068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) (DA555) Production Support</i>					14.994			-			-			-			-			-
6) (DA777) Installation FMP (Afloat)																				
6.1) SCIP-IWF	A		-	-	6.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) SV Modernization	A		-	-	14.811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) PKI	A		-	-	4.737	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment						P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										Aggregated Item Name: Info Systems Security Program (ISSP)				
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.4) CND Inc 1	A		-	-	19.659	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) (DA777) Installation FMP (Afloat)					45.407			-			-			-			-			-
Total					365.919			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment								P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)							Aggregated Item Name: Info Systems Security Program (ISSP)					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) Secure Voice																				
1.1) Secure Voice	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Secure Voice					-			-			-			-			-			-
2) (DA042) SCIP-IWF																				
2.1) SCIP-IWF - Afloat Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) (DA042) SCIP-IWF					-			-			-			-			-			-
3) (DA044) Secure Voice Modernization (DA044)																				
3.1) SV Modernization - Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SV Modernization - Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) (DA044) Secure Voice Modernization (DA044)					-			-			-			-			-			-
4) (DA070) Computer Network Defense (CND)																				
4.1) Computer Network Defense INC 1 - Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Computer Network Defense INC 1 - Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) (DA070) Computer Network Defense (CND)					-			-			-			-			-			-
5) (DA555) Production Support																				
5.1) SCIP-IWF Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) SV Modernization Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) SV Modernization Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CND Inc 1 Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) CND Inc 1 Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) (DA555) Production Support					-			-			-			-			-			-
6) (DA777) Installation FMP (Afloat)																				
6.1) SCIP-IWF	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) SV Modernization	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) PKI	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment								P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)								Aggregated Item Name: Info Systems Security Program (ISSP)				
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
6.4) CND Inc 1	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) (DA777) Installation FMP (Afloat)					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Computer Network Defense (CND) Increment 2- Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: CND Afloat systems (AN/UYQ-96(V)) includes: Firewalls (FW), Network and Host Intrusion Prevention Systems (IPS), supporting hardware and software for DoD mandated tools , Secure Configuration Compliance Validation Initiative (SCCVI), Host Based Security System (HBSS), Assured Configuration Assessment Solution (ACAS), Information Assurance Tracking System (IATS), Operating System Environment (OSE), Information Assurance Security Manager (IASM), enhanced data correlation tools, switches, ancillary devices and other related security tools.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment			P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 1 - Computer Network Defense (CND) Increment 2- Afloat				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Computer Network Defense (CND) Increment 2- Afloat												
B Kits												
Recurring												
1.1.1) CND Operating Sys Environment (OSE) SW Only - NonOrganic ⁽¹⁾	- / -	51 / 1.417	43 / 1.243	42 / 1.140	- / -	42 / 1.140	40 / 1.172	58 / 1.722	53 / 1.704	26 / 0.900	- / -	313 / 9.298
1.1.2) CND-OSE HW/SW - NonOrganic	- / -	9 / 0.535	7 / 0.413	7 / 0.358	- / -	7 / 0.358	6 / 0.457	2 / 0.155	- / -	- / -	- / -	31 / 1.918
1.1.3) CND-Info Assur Tracking Sys (IATS) - NonOrganic	- / -	17 / 2.010	8 / 0.908	1 / 0.118	- / -	1 / 0.118	1 / 0.126	- / -	- / -	- / -	- / -	27 / 3.162
1.1.4) CND Laptop - NonOrganic	- / -	10 / 0.329	3 / 0.118	2 / 0.081	- / -	2 / 0.081	9 / 0.416	4 / 0.188	1 / 0.048	- / -	- / -	29 / 1.180
Subtotal Recurring	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Total, Computer Network Defense (CND) Increment 2- Afloat	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Total Procurement, All Modifications	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Support												
2.1) CND Production Support Afloat	- / -	- / 0.182	- / 0.115	- / 0.055	- / -	- / 0.055	- / 0.102	- / 0.100	- / 0.092	- / 0.061	Continuing	Continuing
2.2) CND DSA	- / -	- / 0.465	- / 0.252	- / 0.242	- / -	- / 0.242	- / 0.145	- / 0.044	- / 0.003	- / -	Continuing	Continuing
2.3) Initial Training ⁽²⁾	- / -	- / 0.911	- / 0.612	- / 0.487	- / -	- / 0.487	- / 0.700	- / 0.800	- / 0.810	- / 0.820	- / -	- / 5.140
Total Support, All Modifications	-	1.558	0.979	0.784	-	0.784	0.947	0.944	0.905	0.881	-	5.140
Total Procurement and Support	-	5.849	3.661	2.481	-	2.481	3.118	3.009	2.657	1.781	-	20.698
Computer Network Defense (CND) Increment 2- Afloat Installation Cost	- / 0.000	- / 5.913	- / 4.081	- / 3.345	- / -	- / 3.345	- / 3.630	- / 4.198	- / 3.616	- / 1.864	- / -	- / 26.647
Total Installation Cost	- / 0.000	- / 5.913	- / 4.081	- / 3.345	- / -	- / 3.345	- / 3.630	- / 4.198	- / 3.616	- / 1.864	- / -	- / 26.647
Total Cost (Procurement + Support + Installation)	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	-	47.345

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment		P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Computer Network Defense (CND) Increment 2- Afloat		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Manufacturer Information: Computer Network Defense (CND) Increment 2- Afloat							
Manufacturer Name: SSC Atlantic - CND Afloat				Manufacturer Location: Charleston, SC			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Jan 2012	Jan 2013	Jan 2014				

Installation: Computer Network Defense (CND) Increment 2- Afloat			Method of Implementation: Installed					Installation Name: Computer Network Defense (CND) Increment 2- Afloat				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	87 / 5.913	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	87 / 5.913
FY 2013	- / -	- / -	61 / 4.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	61 / 4.081
FY 2014	- / -	- / -	- / -	52 / 3.345	- / -	52 / 3.345	- / -	- / -	- / -	- / -	- / -	52 / 3.345
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	56 / 3.630	- / -	- / -	- / -	- / -	56 / 3.630
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 4.198	- / -	- / -	- / -	64 / 4.198
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 3.616	- / -	- / -	54 / 3.616
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 1.864	- / -	26 / 1.864
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	87 / 5.913	61 / 4.081	52 / 3.345	- / -	52 / 3.345	56 / 3.630	64 / 4.198	54 / 3.616	26 / 1.864	- / -	400 / 26.647

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	17	21	27	22	16	24	14	7	23	11	12	6	15	10	13	18	19	14	21	10	15	14	21	4	10	7	8	1	400
Out	-	-	16	22	24	23	16	25	12	9	21	14	12	6	15	9	13	19	19	14	21	10	14	13	21	6	10	6	9	1	400

Footnotes:
 (1) Computer Network Defense (CND) Inc 2 Afloat procurement/installation quantity represents one system for a ship platform. Depending on the build required to bring that ship to baseline, the unit cost varies for CND-Operating Systems Environment (CND-OSE) Software (SW) only and Information Assurance Tracking System (IATS). The mix of these variants being fielded is different each year. Due to CND's rapid IT fielding approach, CND Afloat procurement costs may vary year to year due to delivering capabilities determined by the CND Capabilities Steering Group. First quarter installations reflected in the

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Computer Network Defense (CND) Increment 2- Afloat
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N
Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability. ⁽²⁾ Computer Network Defense (CND) is designated Training Support Agent (TSA) IAW OPNAV 11102.2, CND is required to transition initial training (train the trainer) and equipment to an approved solution at the schoolhouses.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Computer Network Defense (CND) Increment 2- Shore			

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

CND Shore systems (AN/FYC-23) IT-21 Networks Operation Centers (NOCs), CND Labs, Outside the Continental United States (OCONUS) Navy Enterprise Network (ONE-Net) Information Assurance Suite (IAS), Broadcast Control Authorities (BCA), and Navy Cyber Defense Operations Command (NCDOC) fielded capabilities include: Anti-Virus, Content Filtering, Firewalls, Boundary Protection, Vulnerability Remediation Asset Manager (VRAM), Virtual Private Networks (VPNs), Intrusion Prevention Systems (IPS), Host Based Security System (HBSS), Secure Configuration Compliance Validation Initiative (SCCVI,) Out of Bound Management Grid (OMG), Assured Configuration Assessment Solution (ACAS), Authentication, Authorization and Accounting (AAA) servers, enhanced data correlation (Intelligent Agent Security Module (IASM)), DMZ, Keyboard, Video, Mouse (KVM), Routers and Switches, ancillary devices and other related security tools. The ONE-Net Security Enhancement Initiative consolidates Local Network Service Centers (LNSC) to their parent Theater Network Operations & Security Center (TNOSCs) enabling greater failover capability between ONE-Net sites. Virtual Training Site is the standing up of a virtual training center that will host Navy Schoolhouses.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 2 - Computer Network Defense (CND) Increment 2- Shore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Computer Network Defense (CND) Increment 2- Shore												
B Kits												
Recurring												
1.1.1) IT-21/NOC - NonOrganic ⁽³⁾	1 / 0.426	4 / 1.966	4 / 2.789	4 / 2.841	- / -	4 / 2.841	4 / 2.986	4 / 3.077	4 / 3.170	4 / 3.265	Continuing	Continuing
1.1.2) IT-21/NCDOC - NonOrganic	- / -	1 / 0.778	1 / 0.793	2 / 1.471	- / -	2 / 1.471	2 / 1.498	2 / 1.585	2 / 1.750	2 / 1.820	Continuing	Continuing
1.1.3) IT-21/Broadcast Control Authority (BCA) - NonOrganic	- / -	4 / 0.839	- / -	4 / 0.568	- / -	4 / 0.568	4 / 0.586	4 / 0.603	4 / 0.738	4 / 0.783	Continuing	Continuing
1.1.4) ONE-NET/TNOSC - NonOrganic	1 / 0.505	2 / 0.987	3 / 2.051	3 / 2.050	- / -	3 / 2.050	3 / 2.189	3 / 2.228	3 / 2.355	3 / 2.411	- / -	21 / 14.776
1.1.5) ONE-Net Security Initiative - NonOrganic ⁽⁴⁾	- / -	- / -	2 / 0.227	7 / 0.795	- / -	7 / 0.795	2 / 0.227	4 / 0.453	- / -	- / -	Continuing	Continuing
1.1.6) Virtual Training Center - Organic ⁽⁵⁾	- / -	- / -	1 / 1.655	- / -	- / -	- / -	- / -	1 / 1.509	- / -	- / -	- / -	2 / 3.164
1.1.7) CND LABS - Organic ⁽⁶⁾	- / -	- / -	3 / 2.073	2 / 1.392	- / -	2 / 1.392	3 / 2.290	3 / 2.337	3 / 2.684	3 / 2.733	- / -	17 / 13.509
Subtotal Recurring	2 / 0.931	11 / 4.570	14 / 9.588	22 / 9.117	- / -	22 / 9.117	18 / 9.776	21 / 11.792	16 / 10.697	16 / 11.012	- / -	40 / 31.449
Total, Computer Network Defense (CND) Increment 2- Shore	2 / 0.931	11 / 4.570	14 / 9.588	22 / 9.117	- / -	22 / 9.117	18 / 9.776	21 / 11.792	16 / 10.697	16 / 11.012	Continuing	Continuing
Total Procurement, All Modifications	2 / 0.931	11 / 4.570	14 / 9.588	22 / 9.117	- / -	22 / 9.117	18 / 9.776	21 / 11.792	16 / 10.697	16 / 11.012	- / -	- / -
Support												
2.1) CND Production Support Shore	- / -	- / 0.205	- / 0.251	- / 0.241	- / -	- / 0.241	- / 0.513	- / 0.475	- / 0.500	- / 0.562	- / -	- / 2.747
2.2) Pre-Design Install Planning Shore	- / 0.081	- / 0.592	- / 0.796	- / 0.521	- / -	- / 0.521	- / 0.831	- / 0.525	- / 0.534	- / 0.534	Continuing	Continuing
2.3) P3I for NCDOC Upgrades ⁽⁷⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.278	- / 1.181	- / 2.969	- / 4.400	- / -	- / 12.828
2.4) Initial Training ⁽⁸⁾	- / -	- / 0.542	- / 0.526	- / 0.540	- / -	- / 0.540	- / 0.585	- / 0.572	- / 0.615	- / 0.666	- / -	- / 4.046
Total Support, All Modifications	0.081	1.339	1.573	1.302	-	1.302	6.207	2.753	4.618	6.162	-	19.621
Total Procurement and Support	1.012	5.909	11.161	10.419	-	10.419	15.983	14.545	15.315	17.174	-	19.621
Computer Network Defense (CND) Increment 2- Shore Installation Cost	- / 0.377	- / 2.829	- / 2.938	- / 3.696	- / -	- / 3.696	- / 3.268	- / 4.666	- / 3.789	- / 4.901	- / -	- / 26.464
Total Installation Cost	- / 0.377	- / 2.829	- / 2.938	- / 3.696	- / -	- / 3.696	- / 3.268	- / 4.666	- / 3.789	- / 4.901	- / -	- / 26.464
Total Cost (Procurement + Support + Installation)	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	-	46.085

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment								P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Computer Network Defense (CND) Increment 2- Shore															
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N																							
Manufacturer Information: Computer Network Defense (CND) Increment 2- Shore																															
Manufacturer Name: SSC Atlantic - CND Ashore														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 1																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Dec 2011		Dec 2012		Dec 2013																									
Delivery Dates		Jan 2012		Jan 2013		Jan 2014																									
Installation: Computer Network Defense (CND) Increment 2- Shore														Method of Implementation: Installed																	
														Installation Name: Computer Network Defense (CND) Increment 2- Shore																	
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		2 / 0.377	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.377																		
FY 2012		- / -	10 / 2.829	1 / 0.191	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 3.020																		
FY 2013		- / -	- / -	10 / 2.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.747																		
FY 2014		- / -	- / -	- / -	20 / 3.696	- / -	20 / 3.696	- / -	- / -	- / -	- / -	- / -	20 / 3.696																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	15 / 3.268	- / -	- / -	- / -	- / -	15 / 3.268																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 4.666	- / -	- / -	- / -	17 / 4.666																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.789	1 / 0.386	- / -	13 / 4.175																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 4.515	- / -	13 / 4.515																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		2 / 0.377	10 / 2.829	11 / 2.938	20 / 3.696	- / -	20 / 3.696	15 / 3.268	17 / 4.666	12 / 3.789	14 / 4.901	- / -	101 / 26.464																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	-	4	4	2	1	1	3	6	-	5	6	9	-	3	5	7	-	4	8	5	-	5	6	1	1	7	2	4	-	101
Out	-	2	4	4	1	2	-	3	6	1	3	7	8	2	2	5	8	-	3	6	8	-	3	7	2	1	5	4	4	-	101
Installation: Computer Network Defense (CND) Increment 2- Shore														Method of Implementation: Not Installed - Virtual Training Center										Installation Quantity: 2							
Installation: Computer Network Defense (CND) Increment 2- Shore														Method of Implementation: Not Installed - CND LABS										Installation Quantity: 17							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Computer Network Defense (CND) Increment 2- Shore
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N
Footnotes: (3) CND Inc 2 Shore procurement/installation qty represents multiple CND architectures with an assortment of builds that are specifically designed to each site. Unit cost fluctuations vary with site type as well as variant being fielded to that site. Installation cost will vary based on equipment installed/removed as well as location. In accordance with CND's rapid IT fielding, CND procurement costs will vary year to year due to delivering capabilities determined by the CND Capabilities Steering Group. (4) ONE-Net Security Initiative is the reconfiguration effort to modify failover capability between ONE-Net sites. (5) Virtual Training Center involves the procurement of Network Security Vulnerability Training (NSVT) equipment at the Navy Enterprise Data Center (NEDC). New training center site will host Navy Schoolhouses. FY16 reflects integration of the latest CND training baselines. No associated installation costs. (6) Computer Network Defense (CND) Labs support the operational testing prior to being fielded. No associated installation costs. (7) P3I: Pre-Planned Product Improvement Initiative for NCDOC Upgrades replace end-of-life equipment with more robust capability required at NCDOC. (8) Computer Network Defense (CND) is designated Training Support Agent (TSA) IAW OPNAV 11102.2, CND is required to transition initial training (train the trainer) and equipment to an approved solution at the schoolhouses.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Cyber Security VSE - Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Cyber Security Virtual Secure Enclave (VSE) is the follow-on limited transition of capabilities from the Office of the Secretary of Defense (OSD) / Pacific Command (PACOM) sponsored VSE Joint Capability Technology Demonstration (JCTD). The technology provides a virtual secure enclave within existing networks that create a two-way encrypted tunnel between locations. The procurement funds are to procure hardware nodes and accompanying software for Application Service Points (ASPs) and deployable Fly Away Kits (FAK), in order to provide an assured C2 capability for JTF-519 in the PACOM Area of Responsibility. This capability will be supported and maintained under CND specifically to support Joint Task Force (JTF)-519/PACOM urgent operational need until such time as an enterprise solution is fielded.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 3 - Cyber Security VSE - Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Cyber Security VSE - Afloat												
B Kits												
Recurring												
1.1.1) Application Service Points - NonOrganic	- / -	- / -	2 / 0.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.320
1.1.2) Fly-Away-Kits - Organic ⁽⁹⁾	- / -	- / -	10 / 2.400	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	15 / 3.731
Subtotal Recurring	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Total, Cyber Security VSE - Afloat	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Total Procurement, All Modifications	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Support												
2.1) Hardware Integration	- / -	- / -	- / 0.050	- / 0.054	- / -	- / 0.054	- / -	- / -	- / -	- / -	- / -	- / 0.104
2.2) Production Support	- / -	- / -	- / 0.097	- / 0.011	- / -	- / 0.011	- / 0.009	- / 0.009	- / 0.009	- / 0.009	- / -	- / 0.144
Total Support, All Modifications	-	-	0.147	0.065	-	0.065	0.009	0.009	0.009	0.009	-	0.248
Total Procurement and Support	-	-	2.867	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.299
Cyber Security VSE - Afloat Installation Cost	- / 0.000	- / -	- / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.153
Total Installation Cost	- / 0.000	- / -	- / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.153
Total Cost (Procurement + Support + Installation)	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment										P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Cyber Security VSE - Afloat											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: Cyber Security VSE - Afloat																															
Manufacturer Name: GTRI														Manufacturer Location: Atlanta, GA																	
Administrative Leadtime (<i>in Months</i>): 5														Production Leadtime (<i>in Months</i>): 1																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Mar 2013				Mar 2014																					
Delivery Dates						Apr 2013				Apr 2014																					
Installation: Cyber Security VSE - Afloat										Method of Implementation: Installed										Installation Name: Cyber VSE Afloat - Application Service Points											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		2 / 0.153		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.153					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		2 / 0.153		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.153					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Installation: Cyber Security VSE - Afloat										Method of Implementation: Not Installed - Fly-Away-Kits										Installation Quantity: 15											
Footnotes: ⁽⁹⁾ Fly Away Kits (FAK) are not required to be installed; installation is funded by the cognizant Programs and Services.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Cyber Security VSE - Ashore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Cyber Security VSE description: Cyber Security Virtual Secure Enclave (VSE) is the follow-on limited transition of capabilities from the OSD/ Pacific Command (PACOM) sponsored VSE Joint Capability Technology Demonstration (JCTD). The technology provides a virtual secure enclave within existing networks that create a two-way encrypted tunnel between locations. The procurement funds are to procure hardware nodes and accompanying software for shore Application Service Points (ASP), System Administration Node (SANs) and Client Nodes (CNs) in order to provide an assured Command & Control (C2) capability for JTF-519 in the PACOM Area of Responsibility. This capability will be supported and maintained under Computer Network Defense (CND) specifically to support the Joint Task Force (JTF) - 519/ PACOM urgent operational need until such time as an enterprise solution is fielded.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 4 - Cyber Security VSE - Ashore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Cyber Security VSE - Ashore												
B Kits												
Recurring												
1.1.1) Application Service Point - NonOrganic	- / -	- / -	8 / 1.613	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.613
1.1.2) System Administration Node - NonOrganic	- / -	- / -	7 / 1.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.020
1.1.3) Client Node - NonOrganic	- / -	- / -	2 / 0.499	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	8 / 2.116
Subtotal Recurring	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Total, Cyber Security VSE - Ashore	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Total Procurement, All Modifications	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Support												
2.1) Hardware Integration	- / -	- / -	- / 0.100	- / 0.073	- / -	- / 0.073	- / -	- / -	- / -	- / -	- / -	- / 0.173
2.2) Production Support	- / -	- / -	- / 0.113	- / 0.021	- / -	- / 0.021	- / 0.010	- / 0.010	- / 0.010	- / 0.009	- / -	- / 0.173
Total Support, All Modifications	-	-	0.213	0.094	-	0.094	0.010	0.010	0.010	0.009	-	0.346
Total Procurement and Support	-	-	3.345	0.621	-	0.621	0.283	0.283	0.283	0.280	-	5.095
Cyber Security VSE - Ashore Installation Cost	- / 0.000	- / -	- / 1.275	- / 0.155	- / -	- / 0.155	- / 0.079	- / 0.080	- / 0.081	- / 0.083	- / -	- / 1.753
Total Installation Cost	- / 0.000	- / -	- / 1.275	- / 0.155	- / -	- / 0.155	- / 0.079	- / 0.080	- / 0.081	- / 0.083	- / -	- / 1.753
Total Cost (Procurement + Support + Installation)	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Cyber Security VSE - Ashore																							
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: Cyber Security VSE - Ashore																															
Manufacturer Name: GTRI								Manufacturer Location: Atlanta, GA																							
Administrative Leadtime (<i>in Months</i>): 4								Production Leadtime (<i>in Months</i>): 2																							
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates					Feb 2013				Feb 2014																						
Delivery Dates					Apr 2013				Apr 2014																						
Installation: Cyber Security VSE - Ashore				Method of Implementation: Installed								Installation Name: Cyber VSE Ashore (B Kits)																			
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	17 / 1.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 1.275																		
FY 2014		- / -	- / -	- / -	2 / 0.155	- / -	2 / 0.155	- / -	- / -	- / -	- / -	- / -	2 / 0.155																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.079	- / -	- / -	- / -	- / -	1 / 0.079																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.080	- / -	- / -	- / -	1 / 0.080																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.081	- / -	- / -	1 / 0.081																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.083	- / -	1 / 0.083																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	17 / 1.275	2 / 0.155	- / -	2 / 0.155	1 / 0.079	1 / 0.080	1 / 0.081	1 / 0.083	- / -	23 / 1.753																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	17	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	23			
Out	-	-	-	-	-	-	-	-	17	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	23			

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 5 - Communications Security (COMSEC / CRYPTO) - Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Procurements within the COMSEC / CRYPTO legacy and modernization equipment lines include: KIV-7M (Device used for WALBURN, COMSEC Crypto Serial Replacement phase I and II and KW-46 installations), Enhanced Firefly (EFF), and AN-PYQ-20(v)(c) (formerly KL-51 Crypto devices). Also included are Cryptographic Universal Enclosures (CUE), CUE testing devices, Crypto High Value Products (CHVP) KGV-136B, KG-3X (KG-333, KG-361), Unmanned Aerial Vehicle (UAV) Embedded devices, Identify Friend or Foe (IFF) devices, and Inline Network Encryptors (INE) , KG-175A and KG-175D, KG-45A, KOV-26 (TALON) , KIV-54, KG 40AR, KO2 Enclosure replacement (HNF 2/HNF 3), AN-PYQ-20(v)(c) kits (Suitcase, and Components), Cryptographic Logon (CLO), Combat Key Generator (KOK-23), KG-250 and KG-250X, (Transmission Security)TRANSEC, associated ancillary testers, rack mounts and parts, production support, integration, and installation are also included. The COMSEC line includes Secure Voice. Secure Voice is a collection of next generation Secure Voice products and Legacy which includes various configurations of modernization products such as office, tactical, wireless, remote, telephony and tactical crypto equipment, including vIPer Phone. VINSON ANDVT Crypto Modernization (VACM) is a multi service, United States Air Force (USAF) led, effort to modernize KY-57, KY-58, KY-99A, KY-100, and KYV-5 legacy devices in the Navy, United States Coast Guard (USCG) and United States Marine Corps (USMC). Procurement for the VACM devices and ancillary equipment starts in FY13. Secure Voice also supports AN/USC-43(V)M, Tactical Shore Gateway (TSG), Internet Protocol (IP) devices.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (Modification Number - Modification Title): 5 - Communications Security (COMSEC / CRYPTO) - Afloat					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Communications Security (COMSEC / CRYPTO) - Afloat													
B Kits													
Recurring													
1.1.1) KG 175D - Organic	- / -	119 / 1.679	2,413 / 32.879	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
1.1.2) KG 45A - Organic	168 / 1.781	10 / 0.113	90 / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	268 / 2.896	
1.1.3) TRANSEC (Procurement Only) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	106 / 0.848	450 / 3.662	Continuing	Continuing	
1.1.4) Unmanned Aerial Vehicle (UAV) Embedded Crypto - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	154 / 1.394	404 / 3.618	Continuing	Continuing	
1.1.5) Crypto - AN-PYQ-20(v)(c) - NonOrganic	43 / 0.369	2 / 0.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 0.377	
1.1.6) Crypto - Comsec Crypto Serial Replacement - NonOrganic ⁽¹⁰⁾	128 / 14.635	69 / 8.245	59 / 4.791	16 / 1.109	- / -	16 / 1.109	2 / 0.151	- / -	- / -	- / -	- / -	274 / 28.931	
1.1.7) COMSEC Serial Crypto Replacement (Phase 2) - NonOrganic ⁽¹¹⁾	- / -	- / -	- / -	41 / 2.375	- / -	41 / 2.375	46 / 2.007	27 / 1.256	6 / 0.228	- / -	- / -	120 / 5.866	
1.1.8) Crypto - Sub CM CSRR - NonOrganic	7 / 3.929	3 / 1.659	3 / 2.952	24 / 9.976	- / -	24 / 9.976	14 / 5.373	13 / 4.403	5 / 1.663	- / -	Continuing	Continuing	
1.1.9) CSRR - CUE (Phase 2) - NonOrganic	- / -	- / -	- / -	20 / 0.931	- / -	20 / 0.931	23 / 0.879	24 / 0.777	4 / 0.111	2 / 0.075	Continuing	Continuing	
1.1.10) Crypto - VACM - NonOrganic ⁽¹²⁾	- / -	- / -	3 / 1.110	65 / 11.382	- / -	65 / 11.382	75 / 12.895	104 / 15.090	15 / 0.809	- / -	- / -	262 / 41.286	
1.1.11) Crypto - KO2 Replacement - NonOrganic	2 / 0.050	2 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.100	
1.1.12) TRANSEC - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 5.466	32 / 5.300	Continuing	Continuing	
1.1.13) Enhanced Fire Fly (EFF) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.539	54 / 5.632	- / -	69 / 7.171	
1.1.14) KW-46 - NonOrganic ⁽¹³⁾	- / -	- / -	34 / 0.293	65 / 0.634	- / -	65 / 0.634	14 / 0.102	105 / 1.141	49 / 0.492	4 / 0.032	Continuing	Continuing	
1.1.15) Prior Year Crypto - NonOrganic	101 / 112.259	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	101 / 112.259	
Subtotal Recurring	449 / 133.023	205 / 11.754	2,602 / 43.027	231 / 26.407	- / -	231 / 26.407	174 / 21.407	273 / 22.667	387 / 12.550	946 / 18.319	- / -	1,143 / 198.886	
Total, Communications Security (COMSEC / CRYPTO) - Afloat	449 / 133.023	205 / 11.754	2,602 / 43.027	231 / 26.407	- / -	231 / 26.407	174 / 21.407	273 / 22.667	387 / 12.550	946 / 18.319	Continuing	Continuing	
Total Procurement, All Modifications	449 / 133.023	205 / 11.754	2,602 / 43.027	231 / 26.407	- / -	231 / 26.407	174 / 21.407	273 / 22.667	387 / 12.550	946 / 18.319	- / -	- / -	
Support													
2.1) Communications Security (COMSEC / CRYPTO) - Afloat Production Support	- / 19.081	- / 0.322	- / 1.400	- / 0.924	- / -	- / 0.924	- / 0.749	- / 0.793	- / 0.439	- / 0.639	Continuing	Continuing	
2.2) Communications Security (COMSEC / CRYPTO) - Afloat DSA	- / 10.156	- / 1.028	- / 2.173	- / 7.358	- / -	- / 7.358	- / 8.981	- / 7.065	- / 6.263	- / 4.398	Continuing	Continuing	
Total Support, All Modifications	29.237	1.350	3.573	8.282	-	8.282	9.730	7.858	6.702	5.037	-	-	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Security (COMSEC / CRYPTO) - Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Procurement and Support</i>	162.260	13.104	46.600	34.689	-	34.689	31.137	30.525	19.252	23.356	-	-	
Communications Security (COMSEC / CRYPTO) - Afloat Installation Cost	- / 27.700	- / 6.462	- / 11.292	- / 13.409	- / -	- / 13.409	- / 25.754	- / 22.203	- / 16.299	- / 15.107	- / 5.944	- / 144.170	
<i>Total Installation Cost</i>	- / 27.700	- / 6.462	- / 11.292	- / 13.409	- / -	- / 13.409	- / 25.754	- / 22.203	- / 16.299	- / 15.107	- / 5.944	- / 144.170	
Total Cost (Procurement + Support + Installation)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	5.944	144.170	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment			P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Security (COMSEC / CRYPTO) - Afloat	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs: 0303140N		
Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Afloat							
Manufacturer Name: GDC4S - KG-175A ; KG-175D ⁽¹⁴⁾					Manufacturer Location: Needham, MA		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					
Manufacturer Name: Rockwell Collins - KG-3X					Manufacturer Location: Richardson, TX		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012						
Delivery Dates	Sep 2012						
Manufacturer Name: L3 - 3042 Enclosures; 3040 Enclosures; 3036 Enclosures					Manufacturer Location: Handover, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				
Manufacturer Name: VACM - Raytheon					Manufacturer Location: Fort Wayne, IN		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jul 2013	Feb 2014				
Delivery Dates		Feb 2014	Sep 2014				
Manufacturer Name: COMSEC Serial Phase 1 - SafeNet					Manufacturer Location: Columbia, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				
Manufacturer Name: COMSEC Phase 2 - SafeNet					Manufacturer Location: Columbia, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Security (COMSEC / CRYPTO) - Afloat

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Afloat

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Feb 2014				
Delivery Dates			Sep 2014				

Manufacturer Name: SSC Atlantic - CSRR	Manufacturer Location: Charleston, SC
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Manufacturer Name: KW-46 - SafeNet	Manufacturer Location: Columbia, MD
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Feb 2013	Feb 2014				
Delivery Dates		Sep 2013	Sep 2014				

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	Method of Implementation: Installed	Installation Name: Communications Security (COMSEC / CRYPTO) - Afloat

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	229 / 27.700	52 / 6.446	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	281 / 34.146
FY 2012	- / -	1 / 0.016	75 / 9.978	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 9.994
FY 2013	- / -	- / -	8 / 1.314	91 / 10.009	- / -	91 / 10.009	- / -	- / -	- / -	- / -	- / -	99 / 11.323
FY 2014	- / -	- / -	- / -	30 / 3.400	- / -	30 / 3.400	201 / 22.220	- / -	- / -	- / -	- / -	231 / 25.620
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	36 / 3.534	138 / 14.939	- / -	- / -	- / -	174 / 18.473
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 7.264	185 / 15.550	- / -	- / -	273 / 22.814
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.749	119 / 15.024	- / -	127 / 15.773
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.083	91 / 5.944	92 / 6.027
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	229 / 27.700	53 / 6.462	83 / 11.292	121 / 13.409	- / -	121 / 13.409	237 / 25.754	226 / 22.203	193 / 16.299	120 / 15.107	91 / 5.944	1,353 / 144.170

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment											P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Security (COMSEC / CRYPTO) - Afloat									
Models of Systems Affected: [No Model Specified]											Type Modification: [No Modification Type Specified]											Related RDT&E PEs: 0303140N									
Installation: Communications Security (COMSEC / CRYPTO) - Afloat											Method of Implementation: Installed											Installation Name: Communications Security (COMSEC / CRYPTO) - Afloat									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	227	2	1	5	19	28	27	35	13	8	31	39	23	28	66	70	58	43	60	27	49	90	132	36	15	10	69	44	6	92	1,353
Out	227	-	3	1	16	31	27	30	18	8	28	34	25	36	63	66	55	54	55	28	51	92	116	48	16	13	69	44	6	93	1,353
Installation: Communications Security (COMSEC / CRYPTO) - Afloat											Method of Implementation: Not Installed - KG 175D											Installation Quantity: 2532									
Installation: Communications Security (COMSEC / CRYPTO) - Afloat											Method of Implementation: Not Installed - KG 45A											Installation Quantity: 268									
Installation: Communications Security (COMSEC / CRYPTO) - Afloat											Method of Implementation: Not Installed - TRANSEC (Procurement Only)											Installation Quantity: 556									
Installation: Communications Security (COMSEC / CRYPTO) - Afloat											Method of Implementation: Not Installed - Unmanned Aerial Vehicle (UAV) Embedded Crypto											Installation Quantity: 558									
Footnotes: (10) Comsec Crypto Serial Replacement procurement quantities represent units, devices and/or install kits. Unit costs vary per platform based on crypto configuration quantity requirements. Depending on the device and quantity procured, unit cost can fluctuate widely. (11) COMSEC Serial Crypto Replacement (Phase 2) products vary in cost is due to unique configurations for multiple platforms. This includes COMSEC Crypto Serial Replacement, phases one and two, AN-PYQ-20(C), TRANSEC, KO2 Replacement, VACM devices, CSRR-CUE, KW-46 and Enhanced FireFly (EFF). (12) VACM unit cost fluctuation in FY13 is due to procurement of LRIP equipment following milestone C decision. Unit costs vary per platform based on crypto configuration quantity requirements. (13) Additional KW-46 units procured due to change in requirements to support submarine Fleet Broadcast. (14) Administrative lead times includes NSA's contract lead time.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 6 - Communications Security (COMSEC / CRYPTO) - Shore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Procurements within the COMSEC / CRYPTO legacy and modernization equipment lines include: KIV-7M (Device used for WALBURN, COMSEC Crypto Serial Replacement phase I and II and KW-46 installations), Enhanced Firefly (EFF), and AN-PYQ-20(v)(c) (formerly KL-51 Crypto devices). Also included are Cryptographic Universal Enclosures (CUE), CUE testing devices, Crypto High Value Products (CHVP) KGV-136B, KG-3X (KG-333, KG-361), Unmanned Aerial Vehicle (UAV) Embedded devices, Identify Friend or Foe (IFF), and Inline Network Encryptors (INE) , KG-175A and KG-175D, KG-45A, KOV-26 (TALON) , KIV-54, KG 40AR, KO2 Enclosure replacement (HNF 2/HNF 3), AN-PYQ-20(v)(c) kits (Suitcase, and Components), Cryptographic Logon (CLO), Combat Key Generator (KOK-23), KG-250 and KG-250X, (Transmission Security)TRANSEC, associated ancillary testers, rack mounts and parts, production support, integration, and installation are also included. The COMSEC line includes Secure Voice. Secure Voice is a collection of next generation Secure Voice products and Legacy which includes various configurations of modernization products such as office, tactical, wireless, remote, telephony and tactical crypto equipment, including vIPer Phone. VINSON ANDVT Crypto Modernization (VACM) is a multi service, United States Air Force (USAF) led, effort to modernize KY-57, KY-58, KY-99A, KY-100, and KYV-5 legacy devices in the Navy, United States Coast Guard (USCG) and United States Marine Corps (USMC). Procurement for the VACM devices and ancillary equipment starts in FY13. Secure Voice supports AN/USC-43(V)M), Tactical Shore Gateway (TSG), Internet Protocol (IP) devices.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment			P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 6 - Communications Security (COMSEC / CRYPTO) - Shore				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Communications Security (COMSEC / CRYPTO) - Shore												
B Kits												
Recurring												
1.1.1) KG 175D - Organic	49 / 0.494	120 / 1.339	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	169 / 1.833
1.1.2) KG 175A - Organic	14 / 0.527	50 / 1.432	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 1.959
1.1.3) KG3X Suites - Organic	6 / 0.990	24 / 3.297	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 4.287
1.1.4) VACM (KYV 5M, KY100M, KY99M, KY57M, KY58M) - Organic	- / -	- / -	- / -	2,617 / 14.815	- / -	2,617 / 14.815	3,771 / 21.536	2,597 / 14.956	- / -	693 / 4.163	Continuing	Continuing
1.1.5) TRANSEC - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.398	Continuing	Continuing
1.1.6) Unmanned Aerial Vehicle (UAV) Embedded Crypto - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.527	35 / 0.321	- / -	95 / 0.848
1.1.7) PY Equipment - NonOrganic	57 / 266.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 266.762
1.1.8) Crypto - COMSEC Crypto Serial Replacement - NonOrganic ⁽¹⁵⁾	26 / 5.199	93 / 17.769	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 22.968
1.1.9) COMSEC Serial Crypto Replacement (Phase 2) - NonOrganic ⁽¹⁶⁾	- / -	- / -	- / -	30 / 1.145	- / -	30 / 1.145	- / -	- / -	- / -	- / -	- / -	30 / 1.145
1.1.10) Crypto - VACM - NonOrganic ⁽¹⁷⁾	- / -	- / -	16 / 3.040	31 / 5.923	- / -	31 / 5.923	8 / 1.556	66 / 13.069	- / -	- / -	- / -	121 / 23.588
1.1.11) TRANSEC - Install - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 4.346	- / -	- / -	31 / 4.346
1.1.12) EFF - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.463	- / -	- / -	24 / 2.463
1.1.13) KW-46 - NonOrganic ⁽¹⁸⁾	- / -	- / -	3 / 0.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.291
Subtotal Recurring	152 / 273.972	287 / 23.837	19 / 3.331	2,678 / 21.883	- / -	2,678 / 21.883	3,779 / 23.092	2,663 / 28.025	115 / 7.336	759 / 4.882	- / -	743 / 330.490
Total, Communications Security (COMSEC / CRYPTO) - Shore	152 / 273.972	287 / 23.837	19 / 3.331	2,678 / 21.883	- / -	2,678 / 21.883	3,779 / 23.092	2,663 / 28.025	115 / 7.336	759 / 4.882	Continuing	Continuing
Total Procurement, All Modifications	152 / 273.972	287 / 23.837	19 / 3.331	2,678 / 21.883	- / -	2,678 / 21.883	3,779 / 23.092	2,663 / 28.025	115 / 7.336	759 / 4.882	- / -	- / -
Support												
2.1) Communications Security (COMSEC / CRYPTO) - Shore Production Support	- / 3.488	- / 0.834	- / 0.117	- / 0.746	- / -	- / 0.746	- / 0.803	- / 0.971	- / 0.255	- / 0.163	Continuing	Continuing
2.2) (COMSEC / CRYPTO) - Shore Pre-Design Install Planning	- / 2.351	- / 2.382	- / -	- / 1.966	- / -	- / 1.966	- / 0.187	- / 1.410	- / 1.068	- / -	Continuing	Continuing
Total Support, All Modifications	5.839	3.216	0.117	2.712	-	2.712	0.990	2.381	1.323	0.163	-	-
Total Procurement and Support	279.811	27.053	3.448	24.595	-	24.595	24.082	30.406	8.659	5.045	-	-

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Communications Security (COMSEC / CRYPTO) - Shore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Communications Security (COMSEC / CRYPTO) - Shore Installation Cost	- / 266.762	- / -	- / 21.893	- / 1.425	- / -	- / 1.425	- / 2.925	- / 0.383	- / 2.561	- / 4.774	- / -	- / 300.723	
<i>Total Installation Cost</i>	- / 266.762	- / -	- / 21.893	- / 1.425	- / -	- / 1.425	- / 2.925	- / 0.383	- / 2.561	- / 4.774	- / -	- / 300.723	
Total Cost (Procurement + Support + Installation)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	-	300.723	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment			P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Communications Security (COMSEC / CRYPTO) - Shore	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs: 0303140N		
Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Shore							
Manufacturer Name: GDC4S - KG-175A; KG-175D ⁽¹⁹⁾					Manufacturer Location: Needham, MA		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					
Manufacturer Name: Rockwell Collins - KG-3X					Manufacturer Location: Richardson, TX		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012						
Delivery Dates	Sep 2012						
Manufacturer Name: L3 - 3042 Enclosures; 3040 Enclosures; 3036 Enclosures					Manufacturer Location: Handover, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				
Manufacturer Name: VACM - Raytheon					Manufacturer Location: Fort Wayne, IND		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Apr 2013	Apr 2014				
Delivery Dates		Nov 2013	Nov 2014				
Manufacturer Name: KIV-7M Cabling - L-3 Com					Manufacturer Location: Handover, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					
Manufacturer Name: COMSEC Serial Phase 1 - SafeNet					Manufacturer Location: Columbia, MD		
Administrative Leadtime (<i>in Months</i>): 4					Production Leadtime (<i>in Months</i>): 7		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Shore

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Mar 2014				

Manufacturer Name: COMSEC Serial Phase 2 - SafeNet	Manufacturer Location: Columbia, MD
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Feb 2014				
Delivery Dates			Sep 2014				

Manufacturer Name: CSRR - SSC Atlantic	Manufacturer Location: Charleston, SC
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: [none specified]	Installation Name: Communications Security (COMSEC / CRYPTO) - Shore

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	122 / 266.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	122 / 266.762
FY 2012	- / -	- / -	93 / 21.893	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	93 / 21.893
FY 2013	- / -	- / -	- / -	19 / 1.425	- / -	19 / 1.425	- / -	- / -	- / -	- / -	- / -	19 / 1.425
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	61 / 2.925	- / -	- / -	- / -	- / -	61 / 2.925
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.383	- / -	- / -	- / -	8 / 0.383
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 2.561	- / -	- / -	66 / 2.561
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 4.774	- / -	55 / 4.774
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	122 / 266.762	- / -	93 / 21.893	19 / 1.425	- / -	19 / 1.425	61 / 2.925	8 / 0.383	66 / 2.561	55 / 4.774	- / -	424 / 300.723

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment										P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										Modification Nomenclature (Modification Number - Modification Title): 6 - Communications Security (COMSEC / CRYPTO) - Shore											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303140N											
Installation: Communications Security (COMSEC / CRYPTO) - Shore										Method of Implementation: [none specified]										Installation Name: Communications Security (COMSEC / CRYPTO) - Shore											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	83	-	-	-	-	24	23	24	22	-	2	9	8	8	14	8	31	2	2	2	2	18	16	16	16	-	28	14	13	-	385
Out	83	-	-	-	-	24	23	16	24	6	2	9	8	8	14	8	31	2	2	2	2	18	16	16	16	-	28	14	13	-	385
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - KG 175D										Installation Quantity: 169											
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - KG 175A										Installation Quantity: 64											
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - KG3X Suites										Installation Quantity: 30											
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - VACM (KYV 5M, KY100M, KY99M, KY57M, KY58M)										Installation Quantity: 9678											
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - TRANSEC										Installation Quantity: 31											
Installation: Communications Security (COMSEC / CRYPTO) - Shore																															
										Method of Implementation: Not Installed - Unmanned Aerial Vehicle (UAV) Embedded Crypto										Installation Quantity: 95											
Footnotes: ⁽¹⁵⁾ Crypto - COMSEC Crypto Serial Replacement: Procurement quantities represent units, devices and/or install kits. Unit costs vary per platform based on crypto configuration quantity requirements. Depending on the device and quantity procured, unit cost can fluctuate widely. ⁽¹⁶⁾ COMSEC Serial Crypto Replacement (Phase 2) procured in FY14 to backfit Extremely High Frequency (EHF) circuits. ⁽¹⁷⁾ Crypto - VACM: VACM Shore devices are procured at a higher unit cost than afloat. Afloat devices are low rate initial units. ⁽¹⁸⁾ Additional KW-46 units procured due to change in requirements to support submarine Fleet Broadcast.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - Communications Security (COMSEC / CRYPTO) - Shore
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

⁽¹⁹⁾ Administrative lead times includes NSA's contract lead time.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment			P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: EKMS Phase V is a collection of next generation EKMS products to upgrade and replace the capabilities of the: Communications Security (COMSEC) Manager Work Station (CMWS), Manager Client Advanced Key Processor (MGC/AKP), Secure Data Systems (SDS), Simple Key Loaders (SKLs), Data Management Devices (DMDs), Key Processors (KP), Tactical Key Loaders (TKL). Key Management Infrastructure (KMI) includes MGC/AKP, High Assurance Internet Protocol Equipment (HAIPE) devices, Next Generation Key Fill Devices, Delivery Only Client (DOC) and associated ancillary products such as printers, tape drives and fill cables.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (Modification Number - Modification Title): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl													
B Kits													
Recurring													
1.1.1) EKMS Simple Key Loader (SKL) - Organic ⁽²⁰⁾	2,583 / 22.365	383 / 1.228	2,146 / 7.404	1,636 / 4.990	- / -	1,636 / 4.990	477 / 1.431	- / -	- / -	- / -	- / -	7,225 / 37.418	
1.1.2) KMI Next Generation Fill Device - Organic ⁽²¹⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	346 / 1.040	1,198 / 3.642	2,484 / 7.576	Continuing	Continuing	
1.1.3) KMI MGC/AKP/HAIBE - Organic	- / -	- / -	50 / 1.810	35 / 1.273	- / -	35 / 1.273	20 / 0.734	- / -	- / -	- / -	- / -	105 / 3.817	
1.1.4) KMI MGC/AKP - Organic	- / 0.619	- / -	45 / 1.184	45 / 1.183	- / -	45 / 1.183	20 / 0.526	- / -	- / -	- / -	- / -	110 / 3.512	
1.1.5) KMI AKP Only - Organic	- / -	- / -	25 / 0.538	25 / 0.538	- / -	25 / 0.538	10 / 0.216	- / -	- / -	- / -	- / -	60 / 1.292	
1.1.6) KMI Delivery Only Client (DOC) (No Install) - Organic	- / -	- / -	- / -	10 / 0.200	- / -	10 / 0.200	5 / 0.100	5 / 0.100	5 / 0.100	- / -	- / -	25 / 0.500	
1.1.7) EKMS Enhanced Storage Backup Hard Drive - NonOrganic	157 / 0.157	138 / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	295 / 0.295	
1.1.8) KMI SPIRAL 2 - NonOrganic ⁽²²⁾	- / -	- / -	4 / 0.105	47 / 1.270	- / -	47 / 1.270	63 / 2.224	41 / 1.451	9 / 0.319	1 / 0.036	Continuing	Continuing	
1.1.9) KMI Delivery Only Client (DOC) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.560	35 / 0.700	9 / 0.180	3 / 0.060	Continuing	Continuing	
1.1.10) KMI SPIRAL 2, Software Only - NonOrganic ⁽²³⁾	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.003	28 / 0.028	50 / 0.051	3 / 0.003	Continuing	Continuing	
Subtotal Recurring	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	- / -	7,820 / 46.834	
Total, Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	Continuing	Continuing	
Total Procurement, All Modifications	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	- / -	- / -	
Support													
2.1) EKMS Production Support	- / 0.776	- / 0.048	- / 0.392	- / 0.368	- / -	- / 0.368	- / 0.276	- / 0.132	- / 0.168	- / 0.266	Continuing	Continuing	
2.2) EKMS DSA Enhanced Storage	- / 1.875	- / 0.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
2.3) EKMS DSA KMI DOC	- / -	- / -	- / -	- / 0.840	- / -	- / 0.840	- / 0.939	- / 0.505	- / 0.274	- / 0.057	Continuing	Continuing	
2.4) EKMS DSA KMI Spiral 2 ⁽²⁴⁾	- / -	- / -	- / 0.432	- / 2.448	- / -	- / 2.448	- / 2.820	- / 1.421	- / 0.242	- / 0.012	- / -	- / 7.375	
Total Support, All Modifications	2.651	0.635	0.824	3.656	-	3.656	4.035	2.058	0.684	0.335	-	7.375	
Total Procurement and Support	25.792	2.001	11.865	13.110	-	13.110	9.829	5.377	4.976	8.010	-	7.375	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl Installation Cost	- / 1.424	- / 1.044	- / -	- / 0.720	- / -	- / 0.720	- / 4.185	- / 5.881	- / 2.915	- / 0.715	- / -	- / 16.884	
Total Installation Cost	- / 1.424	- / 1.044	- / -	- / 0.720	- / -	- / 0.720	- / 4.185	- / 5.881	- / 2.915	- / 0.715	- / -	- / 16.884	
Total Cost (Procurement + Support + Installation)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	-	24.259	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl				
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N				
Manufacturer Information: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl												
Manufacturer Name: Army Managed - EKMS Simple Key Loader (SKL)						Manufacturer Location: Army Managed						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Feb 2013	Feb 2014									
Delivery Dates		Apr 2013	Apr 2014									
Manufacturer Name: SSC Pacific-EKMS Hard Drives						Manufacturer Location: New MFG - Loc						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011											
Delivery Dates	Feb 2012											
Manufacturer Name: NSA Contract - KMI Spiral 1 & 2 (Initial Procurement) ⁽²⁵⁾						Manufacturer Location: Fort Meade						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Apr 2013	Apr 2014									
Delivery Dates		Oct 2013	Oct 2014									
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl				Method of Implementation: Method				Installation Name: Installation Group Name				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	157 / 1.424	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	157 / 1.424
FY 2012	- / -	138 / 1.044	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	138 / 1.044
FY 2013	- / -	- / -	- / -	4 / 0.180	- / -	4 / 0.180	- / -	- / -	- / -	- / -	- / -	4 / 0.180
FY 2014	- / -	- / -	- / -	10 / 0.540	- / -	10 / 0.540	37 / 2.040	- / -	- / -	- / -	- / -	47 / 2.580
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	38 / 2.145	56 / 3.172	- / -	- / -	- / -	94 / 5.317
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 2.709	51 / 1.785	- / -	- / -	104 / 4.494
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 1.130	29 / 0.470	- / -	68 / 1.600

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment										P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										Modification Nomenclature (Modification Number - Modification Title): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl													
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0303140N													
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl										Method of Implementation: Method										Installation Name: Installation Group Name													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.245		- / -		7 / 0.245			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										157 / 1.424		138 / 1.044		- / -		14 / 0.720		- / -		14 / 0.720		75 / 4.185		109 / 5.881		90 / 2.915		36 / 0.715		- / -		619 / 16.884	
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	157	-	55	36	42	5	-	-	-	-	-	-	4	-	10	16	19	25	15	30	26	33	20	31	20	28	11	18	11	7	-	619	
Out	157	-	53	35	14	35	1	-	-	-	-	-	4	-	10	16	17	25	17	27	29	33	20	30	19	30	11	18	11	5	2	619	
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - EKMS Simple Key Loader (SKL)										Installation Quantity: 7225																							
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - KMI Next Generation Fill Device										Installation Quantity: 4028																							
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - KMI MGC/AKP/HAPE										Installation Quantity: 105																							
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - KMI MGC/AKP										Installation Quantity: 110																							
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - KMI AKP Only										Installation Quantity: 60																							
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl																																	
Method of Implementation: Not Installed - KMI Delivery Only Client (DOC) (No Install)										Installation Quantity: 25																							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N
Footnotes: (20) The Navy's Simple Key Loader (SKL) unit cost will vary depending on ARMY's contract economic ordering. (21) Next Gen Fill devices to support Crypto Mod initiative for KMI awareness and replace the SKL slipped to FY16 due to Army schedule delays, resulting in an increase in SKL procurements in FY14-15. (22) KMI procurement quantities represent units/devices and unit cost varies based on the KMI configuration. There will be 4 Spiral 2 procurements in FY13 and installations in FY14 for Operational Assessment per the NSA's Expectation Management Agreement. The naming convention for KMI Procurements (installation required) was changed to align with capability and variant fielded. The first bulk procurements of KMI Spiral 2 will have a 12-month lead time due to complexity and pre-installation, integration, testing subsequent years will have a 9-month lead time. (23) The naming convention for KMI Procurements (installation required) was changed to align with capability and variant fielded. (24) Increase in DSA requirements due to an expansion of the system baseline as a result of test assessments. (25) NSA Contract - KMI Spiral 1 & 2 (Initial Procurement)		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho		
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: EKMS Phase V is a collection of next generation EKMS products to upgrade and replace the capabilities of the: Communications Security (COMSEC) Manager Work Station (CMWS), Manager Client Advanced Key Processor (MGC/AKP), Secure Data Systems (SDS), Simple Key Loaders (SKLs), Data Management Devices (DMDs), Key Processors (KP), Tactical Key Loaders (TKL). Key Management Infrastructure (KMI) includes Workstations- MGC/AKP, High Assurance Internet Protocol Equipment (HAIPe) devices, Next Generation Key Fill Devices, Delivery Only Client (DOC) and associated ancillary products such as printers, tape drives and fill cables.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (Modification Number - Modification Title): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho												
B Kits												
Recurring												
1.1.1) EKMS Simple Key Loader (SKL) - Organic ⁽²⁶⁾	3,754 / 8.414	772 / 2.470	2,974 / 10.260	2,280 / 6.829	- / -	2,280 / 6.829	870 / 2.610	- / -	- / -	- / -	- / -	10,650 / 30.583
1.1.2) KMI Next Generation Fill Device - Organic ⁽²⁷⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	513 / 1.551	1,278 / 3.898	2,625 / 8.111	- / -	4,416 / 13.560
1.1.3) Tactical Key Loader (TKL)- LRIP and FRP Units - Organic	1,800 / 5.951	4,800 / 14.880	900 / 2.971	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,500 / 23.802
1.1.4) KMI MGC/AKP/HAIPE - Organic ⁽²⁸⁾	- / -	- / -	50 / 1.800	40 / 1.448	- / -	40 / 1.448	27 / 0.991	5 / 0.184	10 / 0.367	30 / 1.101	- / -	162 / 5.891
1.1.5) KMI MGC/AKP - Organic	- / -	57 / 1.431	40 / 1.043	30 / 0.789	- / -	30 / 0.789	35 / 0.921	5 / 0.129	10 / 0.258	10 / 0.258	- / -	187 / 4.829
1.1.6) KMI AKP Only - Organic	- / -	- / -	20 / 0.426	10 / 0.215	- / -	10 / 0.215	20 / 0.432	5 / 0.108	10 / 0.216	10 / 0.216	- / -	75 / 1.613
1.1.7) EKMS Enhanced Storage Backup Hard Drive - NonOrganic	330 / 1.025	224 / 0.091	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	554 / 1.116
1.1.8) KMI SPIRAL 1 - NonOrganic ⁽²⁹⁾	- / -	- / -	12 / 0.302	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.302
1.1.9) KMI SPIRAL 2 - NonOrganic	- / -	- / -	- / -	251 / 6.375	- / -	251 / 6.375	153 / 5.271	52 / 1.820	11 / 0.385	- / -	- / -	467 / 13.851
1.1.10) KMI SPIRAL 2, Software Only - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	125 / 0.250	244 / 0.488	- / -	- / -	- / -	369 / 0.738
1.1.11) Engineering Change Orders - Organic	- / 1.101	- / 0.615	- / 0.781	- / 0.720	- / -	- / 0.720	- / 0.720	- / 0.601	- / -	- / -	- / -	- / 4.538
Subtotal Recurring	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Total, Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Total Procurement, All Modifications	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Support												
2.1) EKMS Production Support	- / 1.629	- / 0.744	- / 0.616	- / 0.576	- / -	- / 0.576	- / 0.390	- / 0.163	- / 0.180	- / 0.341	Continuing	Continuing
2.2) Pre-Design Install Planning - KMI Spiral 1	- / -	- / -	- / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.360
2.3) Pre-Design Install Planning - KMI Spiral 2	- / -	- / -	- / -	- / 5.100	- / -	- / 5.100	- / 3.750	- / -	- / 1.050	- / -	- / -	- / 9.900
Total Support, All Modifications	1.629	0.744	0.976	5.676	-	5.676	4.140	0.163	1.230	0.341	-	10.260
Total Procurement and Support	18.120	20.231	18.559	22.052	-	22.052	15.335	5.044	6.354	10.027	-	111.083

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0303140N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho Installation Cost	- / 5.142	- / 1.591	- / 0.022	- / 0.720	- / -	- / 0.720	- / 8.350	- / 10.085	- / 4.145	- / -	- / -	- / 30.055	
<i>Total Installation Cost</i>	- / 5.142	- / 1.591	- / 0.022	- / 0.720	- / -	- / 0.720	- / 8.350	- / 10.085	- / 4.145	- / -	- / -	- / 30.055	
Total Cost (Procurement + Support + Installation)	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	-	141.138	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho				
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0303140N				
Manufacturer Information: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho												
Manufacturer Name: Army Managed - EKMS Simple Key Loader (SKL)						Manufacturer Location: Army Managed						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Feb 2013	Feb 2014									
Delivery Dates		Apr 2013	Apr 2014									
Manufacturer Name: Harris Corp - EKMS Tactical Key Loader (TKL)						Manufacturer Location: Rochester, NY						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 8						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012	Dec 2013									
Delivery Dates		Aug 2013	Aug 2014									
Manufacturer Name: NSA Contract - KMI Spiral 1 & 2 (Initial Procurement)						Manufacturer Location: TBD (Pending Contract)						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Apr 2013	Apr 2014									
Delivery Dates		Oct 2013	Oct 2014									
Manufacturer Name: SSC Pacific - EKMS Hard Disk Drives						Manufacturer Location: San Diego, CA						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011											
Delivery Dates	Feb 2012											
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho				Method of Implementation: Installed				Installation Name: Electronic Key Management System (EKMS) Phase V Products / Key management Infrastructure (KMI) - Sho				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	330 / 5.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	330 / 5.142

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho			Method of Implementation: Installed					Installation Name: Electronic Key Management System (EKMS) Phase V Products / Key management Infrastructure (KMI) - Sho				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2012	- / -	221 / 1.591	3 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	224 / 1.613
FY 2013	- / -	- / -	- / -	12 / 0.720	- / -	12 / 0.720	- / -	- / -	- / -	- / -	- / -	12 / 0.720
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	251 / 6.865	- / -	- / -	- / -	- / -	251 / 6.865
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	62 / 1.485	216 / 8.325	- / -	- / -	- / -	278 / 9.810
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	104 / 1.760	192 / 3.540	- / -	- / -	296 / 5.300
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.605	- / -	- / -	11 / 0.605
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	330 / 5.142	221 / 1.591	3 / 0.022	12 / 0.720	- / -	12 / 0.720	313 / 8.350	320 / 10.085	203 / 4.145	- / -	- / -	1,402 / 30.055

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	330	99	45	66	11	-	3	-	-	-	12	-	-	132	25	48	108	62	69	51	138	97	83	12	11	-	-	-	-	-	1,402
Out	330	95	48	67	7	4	3	-	-	-	12	-	-	132	25	48	108	62	69	51	138	97	83	12	11	-	-	-	-	-	1,402

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - EKMS Simple Key Loader (SKL)	Installation Quantity: 10650

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - KMI Next Generation Fill Device	Installation Quantity: 4416

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - Tactical Key Loader (TKL)- LRIP and FRP Units	Installation Quantity: 7500

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - KMI MGC/AKP/HAPE	Installation Quantity: 162

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - KMI MGC/AKP	Installation Quantity: 187
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	Method of Implementation: Not Installed - KMI AKP Only	Installation Quantity: 75
Footnotes: ⁽²⁶⁾ The Navy's Simple Key Loader (SKL) unit cost will vary depending on ARMY's contract economic ordering. ⁽²⁷⁾ Next Gen Fill devices to support Crypto Mod initiative for KMI awareness and replace the SKL slipped to FY16 due to Army schedule delays, resulting in an increase in SKL procurements in FY14-15. ⁽²⁸⁾ There are 12 Shore sites that will receive Spiral 1 in FY14 for testing purposes prior to the fielding of Spiral 2 in FY15. ⁽²⁹⁾ KMI procurement quantities represent units/devices and unit cost varies based on the KMI configuration. There will be 4 Spiral 2 procurements in FY13 and installations in FY14 for Operational Assessment per the NSA's Expectation Management Agreement. The naming convention for KMI Procurements (installation required) was changed to align with capability and variant fielded. The first bulk procurements of KMI Spiral 1/Spiral 2 will have a 12-month lead time due to complexity and PITCO, subsequent years will have a 9-month lead time.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Public Key Infrastructure (PKI) Security Products - Afloat			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Navy Public Key Infrastructure (PKI) implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email. Procurements include: Alternate Logon Tokens (ALT); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g. Elliptic Curve Cryptography, SHA-256, SHA-3); Online Certificate Status Protocol (OCSP) responders; Real-Time Automated Personal Identification System (RAPIDS) hardware and software; Non-Windows OS software applications.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 9 - Public Key Infrastructure (PKI) Security Products - Afloat				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Public Key Infrastructure (PKI) Security Products - Afloat													
B Kits													
Recurring													
1.1.1) PKI Rapids Systems - NonOrganic ⁽³⁰⁾	19 / 1.173	18 / 1.173	2 / 0.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 2.468	
1.1.2) DMDC Rapids Systems - NonOrganic	97 / 25.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 25.526	
1.1.3) Non-recurring Engineering - Organic	- / -	- / -	- / 0.549	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.549	
Subtotal Recurring	116 / 26.699	18 / 1.173	2 / 0.671	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 28.543	
Total, Public Key Infrastructure (PKI) Security Products - Afloat	116 / 26.699	18 / 1.173	2 / 0.671	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 28.543	
Total Procurement, All Modifications	116 / 26.699	18 / 1.173	2 / 0.671	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 28.543	
Support													
2.1) Production Support	- / 5.646	- / 0.060	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.734	
2.2) DSA	- / 1.346	- / 0.101	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.492	
Total Support, All Modifications	6.992	0.161	0.073	-	-	-	-	-	-	-	-	7.226	
Total Procurement and Support	33.691	1.334	0.744	-	-	-	-	-	-	-	-	35.769	
Public Key Infrastructure (PKI) Security Products - Afloat Installation Cost	- / 4.404	- / 0.640	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.244	
Total Installation Cost	- / 4.404	- / 0.640	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.244	
Total Cost (Procurement + Support + Installation)	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment										P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Public Key Infrastructure (PKI) Security Products - Afloat											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: Public Key Infrastructure (PKI) Security Products - Afloat																															
Manufacturer Name: SSC LANT														Manufacturer Location: Charleston, SC																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 4																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Dec 2012																									
Delivery Dates						Apr 2013																									
Installation: Public Key Infrastructure (PKI) Security Products - Afloat														Method of Implementation: Installed										Installation Name: PKI- Afloat							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		115 / 4.404		1 / 0.040		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		116 / 4.444					
FY 2012		- / -		15 / 0.600		3 / 0.120		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 0.720					
FY 2013		- / -		- / -		2 / 0.080		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.080					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		115 / 4.404		16 / 0.640		5 / 0.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		136 / 5.244					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	115	-	-	9	6	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Out	115	-	-	8	7	1	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Footnotes: ⁽³⁰⁾ Kits includes PKI Rapids Systems and non-recurring engineering costs in FY13. Cost to procure installation kits, Commercial Off the Shelf (COTS) products, are included in the procurement cost. CVN and submarine tender ships required 2 RAPIDS systems and 2 installation kits per install. Procurement quantity represents the total required system purchases. Total ship inventory objective for RAPIDS systems installs is 135 units. The 135 units are installed on 122 ship platforms.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature <i>(Modification Number - Modification Title):</i> 10 - Public Key Infrastructure (PKI) Security Products - Shore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Navy Public Key Infrastructure (PKI) implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email. Procurements include: Alternate Logon Tokens (ALT); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g. Elliptic Curve Cryptography, SHA-256, SHA-3); Online Certificate Status Protocol (OCSP) responders; Real-Time Automated Personal Identification System (RAPIDS) hardware and software.; Non-Windows OS software applications.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)					Modification Nomenclature (Modification Number - Modification Title): 10 - Public Key Infrastructure (PKI) Security Products - Shore			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Public Key Infrastructure (PKI) Security Products - Shore												
B Kits												
Recurring												
1.1.1) Equipment Prior Year (Procurement) - NonOrganic	24 / 34.268	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 34.268
1.1.2) ALT Token Procurement - Organic ⁽³¹⁾	- / -	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,563 / 0.769	2,390 / 0.717	6,400 / 1.926	- / -	21,053 / 6.322
1.1.3) NCVI Enhanced Algorithm Hardware - NonOrganic ⁽³²⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.675	9 / 0.702	- / -	- / -	18 / 1.377
1.1.4) Prior Year Equipment - NonOrganic	24 / 2.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.408
Subtotal Recurring	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Total, Public Key Infrastructure (PKI) Security Products - Shore	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Total Procurement, All Modifications	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Support												
2.1) Production Support	- / -	- / -	- / -	- / 0.059	- / -	- / 0.059	- / 0.048	- / 0.056	- / 0.059	- / 0.077	- / -	- / 0.299
2.2) NCVI (Enhanced Alg HW) Non-recurring Eng/C&A Spt	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.260	- / -	- / -	- / -	- / -	- / 0.260
2.3) Pre-Design Installation Planning	- / 0.212	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.054	- / 0.054	- / -	- / -	- / 0.320
Total Support, All Modifications	0.212	-	-	0.059	-	0.059	0.308	0.110	0.113	0.077	-	0.879
Total Procurement and Support	36.888	-	-	1.769	-	1.769	1.508	1.554	1.532	2.003	-	45.254
Public Key Infrastructure (PKI) Security Products - Shore Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.432	- / 0.432	- / -	- / -	- / 0.864
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.432	- / 0.432	- / -	- / -	- / 0.864
Total Cost (Procurement + Support + Installation)	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Public Key Infrastructure (PKI) Security Products - Shore																							
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: Public Key Infrastructure (PKI) Security Products - Shore																															
Manufacturer Name: SSC LANT								Manufacturer Location: Charleston, SC																							
Administrative Leadtime (<i>in Months</i>): 2								Production Leadtime (<i>in Months</i>): 4																							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates			Dec 2013																												
Delivery Dates			Apr 2014																												
Installation: Public Key Infrastructure (PKI) Security Products - Shore				Method of Implementation: Installed				Installation Name: PKI Shore																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	- / -	- / -	- / -	9 / 0.432																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	- / -	- / -	9 / 0.432																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	9 / 0.432	- / -	- / -	18 / 0.864																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	-	5	4	-	-	-	-	-	42
Out	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	-	5	4	-	-	-	-	-	42
Installation: Public Key Infrastructure (PKI) Security Products - Shore						Method of Implementation: Not Installed - ALT Token Procurement										Installation Quantity: 21053															
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Public Key Infrastructure (PKI) Security Products - Shore
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽³¹⁾ ALT tokens requires no installation. ⁽³²⁾ Enhanced Algorithm hardware for NCVI ONE-Net and NCVI MVA available via COTS; installations required. FY16 and FY17 installations will serve as technical refreshes and upgrade certificate validation capability to support enhance cryptographic algorithms (ECC, SHA-3, etc)		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment							P-1 Line Item Nomenclature: 3417 - MIO Intel Exploitation Team						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	1.000	-	1.000	1.000	1.000	1.000	1.000	-	5.000	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	1.000	-	1.000	1.000	1.000	1.000	1.000	-	5.000	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	1.000	-	1.000	1.000	1.000	1.000	1.000	-	5.000	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (<i>Units in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>Units in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [P40A / 343SA - MIO Intel Exploitation Team (U.S. Fleet Forces Command)]: Tactical Electronic Warfare Equipment: Procure Tactical Electronic Warfare (EW) equipment to be used in support of Indications and Warning and Force Protection. The capability includes an array of Tactical EW systems capable of both digital and analogue collection in the Radio Frequency (RF) environment. Specific collection capabilities include Digital and Analogue data collection; Specific Emitter ID, which discerns unique attributes of specific radar; Satellite Communication capability; Wireless Networks to conduct surveys, which is a telecom network mapping, and Document and Media Exploitation allowing capture of media from electronic devices.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
MIO Intel Exploitation Team	P40A, P5A				0.000			-			-			1.000			-			1.000
Total Gross/Weapon System Cost					0.000			-			-			1.000			-			1.000

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment								P-1 Line Item Nomenclature: 3417 - MIO Intel Exploitation Team								Aggregated Item Name: MIO Intel Exploitation Team				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1) 343SA - MIO Intel Exploitation Team (U.S. Fleet Forces Command)																				
† 1.1) 343SA - Satellite Communications Equipment	A		-	-	-	-	-	-	-	-	-	0.155	3	0.465	-	-	-	0.155	3	0.465
1.2) 343SA - Wireless Networks Telcom Equipment	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) 343SA - Specific Emitter Identification Devices	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) 343SA - Digital / Analogue Collection Devices	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) 343SA - Wireless Networks Mapping Equipment / Surveys	A		-	-	-	-	-	-	-	-	-	0.178	3	0.535	-	-	-	0.178	3	0.535
Total					0.000			-			-			1.000			-			1.000

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				P-1 Line Item Nomenclature: 3417 - MIO Intel Exploitation Team					Aggregated Item Name: MIO Intel Exploitation Team			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ M)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) 343SA - MIO Intel Exploitation Team (U.S. Fleet Forces Command)												
1.1) 343SA - Satellite Communications Equipment		2014	Commercial Off-the-Shelf Technology / Various	C / FFP	Tactical Support Group-Intermediary, NS Norfolk	Jan 2014	May 2014	3	0.155	N		
1.5) 343SA - Wireless Networks Mapping Equipment / Surveys		2014	Commercial Off-the-Shelf Technology / Various	C / FFP	Tactical Support Group-Intermediary, NS Norfolk	Jan 2014	May 2014	3	0.178	N		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment	P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	18.223	14.820	12.604	12.251	-	12.251	12.453	12.693	12.954	13.194	-	109.192
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	18.223	14.820	12.604	12.251	-	12.251	12.453	12.693	12.954	13.194	-	109.192
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	18.223	14.820	12.604	12.251	-	12.251	12.453	12.693	12.954	13.194	-	109.192
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

[P40A / 1V045 Access Systems & Subsystems]: Cryptologic Carry-On Equipment: The Cryptologic Carry-On Program (CCOP) procures state-of-the-art, commercial off-the-shelf signal acquisition equipment (hardware and software) in response to combatant commander requirements for a quick-reaction surface, subsurface, and airborne cryptologic carry-on capability. The equipment is procured according to the overall requirements detailed in the Shipboard Information Warfare/Cryptologic System Operational Requirements Document and specific execution year fleet requirements as defined by the Signals Of Interest (SOI) Integrated Product Team (IPT). The IPT meets several times a year and determines which SOIs/Targets on the United States Fleet Forces (USFF) SOI list need to be addressed. Due to a continually changing threat environment, detailed requirements are dynamic and equipment procured varies each year by quantity and type. Equipment suites can be configured for many targets and tasking. Target specific subsystems can either operate as stand-alone within cryptologic spaces or as an add-on to existing equipment. Hardware procurement includes: receivers, recorders, tactical computers and related peripherals, antennas, electronic-warfare support measures systems, precision geolocation equipment, advanced signal and search equipment including spectrum analyzers and associated portable special intelligence communications equipment. CCOP equipment is installed as an augment to cryptologic capabilities on subsurface, surface, and air platforms. There are approximately 115 cryptologic capable surface ships and shore sites in the current Navy inventory. Each of these are potential users of this carry-on equipment, as are subsurface and air platforms. The temporary installation of equipment is coordinated through fleet electronic support personnel; inventory allocation is managed by USFF. A primary system in inventory is the Advanced Cryptologic Carryon Exploitation System (ACCES). Funds continue to procure ACCES core architecture system upgrades to provide additional affordable functionality to the combatant commands. Additional signal acquisition equipment to address specific combatant command requirements include such systems as Digital Receiver Technology (DRT), Hostile forces Integrated Targeting Service (HITS), Maritime Toxic Pen (MTP), TURBULENTWAVE/TURBULENTWIND/TURBULENTSAIL, BLUESTREAM servers, RED FALCON/BLINDROC, STINGRAY, MUDCAT, Toxic Fog, Radio Frequency Distribution Unit (RFDU) and Generic Area Limitations Environment (GALE)-Lite. This line supports the procurement of STALLION hardware for CCOP team training.

[P40A / GDX6D - Global Signal Analysis Equipment]: Global Signal Analysis Laboratory (GSAL): The Navy GSAL program, under project name CLASSIC SENSEI, provides for the timely analysis of data derived from maritime mobile Information Warfare (IW) operations. GSAL support is conducted by Signals Analysis Laboratories (SAL) co-located with Fleet Information Operations Centers (FIOC) at theater-level analysis and processing centers and by QuickLook/Nodes forward-based at fleet concentration areas. The GSAL program office equips the SAL's with advanced signals analysis capabilities in order to accomplish the high order analysis that is required to effectively address SAL processing and exploitation requirements in support of both maritime tactical and national strategic IW objectives. Additionally, SAL's are equipped with specialized capabilities to support FIOC maritime Signal Descriptor File (SDF) requirements. Funding is required to maintain and sustain SAL operations while allowing for upgrades required to integrate new technology to accommodate the highly technical analysis requirements attendant with a highly diverse and constantly changing electromagnetic environment. Additionally, Navy SAL's

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment										P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
MDAP/MAIS Code(s): are integral components of the global collaborative enterprise architecture via the GSAL LABLINK data handling subsystem. LABLINK provides for advanced data manipulation, achieving, and forwarding/ exchange while providing connectivity and global reachback in support of analysis with collaborating military, national, and international partners via signal screening and processing tools resident in LABLINK. [P40A / GDX8D - Surface Electronic Support Capabilities Augmentation Packages (SECAP)/ELINT]: Navy Electronic Intelligence (ELINT): Procure SECAPs a technology insertion approach, not system approach to current system capabilities. SECAP will provide tactical commanders with enhanced Electronic Support capabilities allowing for increased search, detection and data collection in support of a variety of surface ship requirements. Procure Network Centric Electronic Warfare Support which facilitates a fused tactical Electronic Warfare Support picture which facilitates an automated two-way intelligence feed of organic and non-organic ELINT for analysis and fusion utilizing Generic Area Limitation Environment (GALE) 5.0 software inside SLQ-32B consoles. This technology will enable deployed Strike Groups and Shore nodes to receive and transmit all forms of ELINT simultaneously which can cue overhead and organic sensors and populate a Common Intelligence/Common Operation Picture (CIP/COP). [P40A / GDX6D - System Integration and Installation of Hardware and Software]: Fleet Information Operations Centers (FIOC): There are FIOCs co-located with National Security Agency (NSA) Cryptologic Centers supporting the geographical Satellite Communication Network (SATCOM). Each are charged with providing regionally focused Information Operation (IO) and Signal Intelligence (SIGINT) support to Fleet Commanders. FIOCs leverage NSA capabilities, analysis, and manpower in support of Fleet requirements. Funds are required for purchasing and maintaining life cycle support for command and control systems connected to SCI networks at the FIOCs. Funds are also provided to develop and maintain a common baseline of analytical intelligence software tools supporting FIOC capability areas as defined in the FIOC operational strategy (OPSTRAT). [P40A / GDX6D - Network Computing Environment (NCE)]: FIOC NCE provides a common, Distributed Common Ground System (DCGS) Integration Backbone (DIB)-compliant, Service Oriented Architecture framework for the hosting of network services at the FIOC's enabling Distributed Signals Intelligence/Information Operations (SIGINT/IO). NCE is the key enabler of SIGINT/IO future reachback and remoting operations from surface, airborne, and subsurface manned/unmanned platforms. Funds are required to procure, install, configure and accredit networking server framework (new or upgrade) for installation at FIOC Maryland, Texas, Hawaii, Georgia, United Kingdom and the Space and Warfare Systems Command San Diego test/integration lab.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Cryptologic Communications Equip	P40A, P5A, P21				18.223			14.820			12.604			12.251			-			12.251
Total Gross/Weapon System Cost					18.223			14.820			12.604			12.251			-			12.251
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: FY14 funds will continue to satisfy signals exploitation capability gaps as determined by the CCOP Signals of Interest (SOI) Integrated Product Team (IPT). At this time the recommendations for procurements that are best suited to address identified gaps may include: Digital Receiver Technology (DRT), Hostile forces Integrated Targeting Service (HITS), Maritime Toxic Pen (MTP), TURBULENTWAVE/ TURBULENTWIND/TURBULENTSAIL, BLUESTREAM servers, RED FALCON/BLINDROC, STINGRAY, MUDCAT, Toxic Fog, Radio Frequency Distribution Unit (RFDU) and Generic Area Limitations Environment (GALE)-Lite. This line supports the procurement of STALLION hardware for CCOP team training.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment						P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip										Aggregated Item Name: Cryptologic Communications Equip				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
1) 1V045 Access Systems & Subsystems																				
† 1.1) Access Systems & Subsystems ⁽¹⁾	A		264.891	46	12.185	261.190	37	9.664	240.430	40	9.617	242.786	42	10.197	-	-	-	242.786	42	10.197
<i>Subtotal 1) 1V045 Access Systems & Subsystems</i>					12.185			9.664			9.617			10.197			-			10.197
2) 1V555 Production Support																				
2.1) Production Support	A		-	-	0.579	-	-	0.509	-	-	0.495	-	-	0.519	-	-	-	-	-	0.519
<i>Subtotal 2) 1V555 Production Support</i>					0.579			0.509			0.495			0.519			-			0.519
3) GDX6D - Global Signal Analysis Equipment																				
† 3.1) Procurement	A		1,525.000	1	1.525	1,578.000	1	1.578	-	-	-	652.000	1	0.652	-	-	-	652.000	1	0.652
<i>Subtotal 3) GDX6D - Global Signal Analysis Equipment</i>					1.525			1.578			-			0.652			-			0.652
4) GDX8D - Surface Electronic Support Capabilities Augmentation Packages (SECAP)/ELINT																				
† 4.1) Procurement	A		2,081.000	1	2.081	2,123.000	1	2.123	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) GDX8D - Surface Electronic Support Capabilities Augmentation Packages (SECAP)/ELINT</i>					2.081			2.123			-			-			-			-
5) GDX6D - System Integration and Installation of Hardware and Software																				
† 5.1) Procurement	A		827.000	1	0.827	261.000	1	0.261	267.000	1	0.267	275.000	1	0.275	-	-	-	275.000	1	0.275
<i>Subtotal 5) GDX6D - System Integration and Installation of Hardware and Software</i>					0.827			0.261			0.267			0.275			-			0.275
6) GDX6D - Network Computing Environment (NCE)																				
† 6.1) Procurement	A		1,026.000	1	1.026	685.000	1	0.685	611.000	1	0.611	608.000	1	0.608	-	-	-	608.000	1	0.608
<i>Subtotal 6) GDX6D - Network Computing Environment (NCE)</i>					1.026			0.685			0.611			0.608			-			0.608
7) GDX6D - CLASSIC SENSEI Upgrade																				
† 7.1) Procurement	A		-	-	-	-	-	-	1,614.000	1	1.614	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment						P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip									Aggregated Item Name: Cryptologic Communications Equip					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal 7) GDX6D - CLASSIC SENSEI Upgrade					-			-			1.614			-			-			-
Total					18.223			14.820			12.604			12.251			-			12.251

Footnotes:

(1) Quantity and unit cost of CCOP systems and subsystems vary because procurements are in response to current Combatant Command fleet requirements as well as the Signals of Interest (SOI) and target threat list which is updated twice a year. CCOP system and subsystem unit costs range from \$.050M to \$.900M, with the exception of Maritime Toxic Pen (MTP) which is priced at \$2.150M per system. The unit cost listed above represents the average price per system.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment				P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip					Aggregated Item Name: Cryptologic Communications Equip			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) 1V045 Access Systems & Subsystems												
†1.1) Access Systems & Subsystems		2012 ⁽²⁾	VARIOUS / VARIOUS	Various	SSC PAC/ SSC LANT	Feb 2012	Jul 2012	37	261.190	N	Aug 2012	Jan 2012
†1.1) Access Systems & Subsystems		2013	UNKNOWN / UNKNOWN	Various	SSC PAC/ SSC LANT	Nov 2012	Apr 2013	40	240.430	N	Apr 2013	Oct 2012
†1.1) Access Systems & Subsystems		2014	UNKNOWN / UNKNOWN	Various	SSC PAC/ SSC LANT	Nov 2013	Apr 2014	42	242.786	N	Apr 2014	Oct 2013
3) GDX6D - Global Signal Analysis Equipment												
3.1) Procurement		2012 ⁽³⁾	Government / UNKNOWN	TBD	Government	Jun 2012	Aug 2012	1	1,578.000	N		
3.1) Procurement		2014 ⁽⁴⁾	Government / UNKNOWN	TBD	Government	Apr 2014	Jul 2014	1	652.000	N		
4) GDX8D - Surface Electronic Support Capabilities Augmentation Packages (SECAP)/ELINT												
4.1) Procurement		2012	General Dynamics / VA	C / FFP	NCF	Jun 2012	Aug 2012	1	2,123.000	N		
5) GDX6D - System Integration and Installation of Hardware and Software												
5.1) Procurement		2012 ⁽⁵⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	May 2012	Jun 2012	1	261.000	N		
5.1) Procurement		2013 ⁽⁶⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	Apr 2013	Jul 2013	1	267.000	N		
5.1) Procurement		2014 ⁽⁷⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	Apr 2014	Jul 2014	1	275.000	N		
6) GDX6D - Network Computing Environment (NCE)												
6.1) Procurement		2012 ⁽⁸⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	May 2012	Jun 2012	1	685.000	N		
6.1) Procurement		2013 ⁽⁹⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	Apr 2013	Jul 2013	1	611.000	N		
6.1) Procurement		2014 ⁽¹⁰⁾	SPAWAR / San Diego	TBD	SPAWAR San Diego	Apr 2014	Jul 2014	1	608.000	N		
7) GDX6D - CLASSIC SENSEI Upgrade												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment				P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip					Aggregated Item Name: Cryptologic Communications Equip			
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.1) Procurement		2013 ⁽¹¹⁾	Government / UNKNOWN	TBD	Government	Apr 2013	Jul 2013	1	1,614.000	N		

Footnotes:

- (2) FY12 Vendors: Out of the Fog, Oracle, Design Lightning, KAB
- (3) Contract Method/Type is Reimbursable
- (4) Contract Method/Type is Reimbursable
- (5) Contract Method/Type is Reimbursable
- (6) Contract Method/Type is Reimbursable
- (7) Contract Method/Type is Reimbursable
- (8) Contract Method/Type is Reimbursable
- (9) Contract Method/Type is Reimbursable
- (10) Contract Method/Type is Reimbursable
- (11) Contract Method/Type is Reimbursable

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment										P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip										Aggregated Item Name: Cryptologic Communications Equip												
Items <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012										Calendar Year 2013										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1) 1V045 Access Systems & Subsystems																																
1.1) Access Systems & Subsystems																																
All Prior Years Deliveries: 46																																
	20	2012	NAVY	37	-	37	-	-	-	-	A -	-	-	-	-	5	5	5	5	5	5	5	5	2							-	
	21	2013	NAVY	40	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	5	5	5	5	5	5	10
	21	2014	NAVY	42	-	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment										P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip										Aggregated Item Name: Cryptologic Communications Equip												
Items (Units in Each)							Fiscal Year 2014										Fiscal Year 2015															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1) 1V045 Access Systems & Subsystems																																
1.1) Access Systems & Subsystems																																
All Prior Years Deliveries: 46																																
	20	2012	NAVY	37	37	-																										-
	21	2013	NAVY	40	30	10	5	5																								-
	21	2014	NAVY	42	-	42	-	A -	-	-	-	-	5	5	5	5	5	5	6	6											-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 16: Cryptologic Equipment	P-1 Line Item Nomenclature: 3501 - Cryptologic Communications Equip	Aggregated Item Name: Cryptologic Communications Equip

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	VARIOUS - VARIOUS	1.00	40.00	50.00	-	1	5	6	-	1	5	6
2	UNKNOWN - UNKNOWN	1.00	40.00	50.00	-	1	5	6	-	1	5	6

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support							P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	133.100	6.848	6.680	2.893	-	2.893	3.880	3.776	3.598	7.412	139.375	307.562
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	133.100	6.848	6.680	2.893	-	2.893	3.880	3.776	3.598	7.412	139.375	307.562
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	133.100	6.848	6.680	2.893	-	2.893	3.880	3.776	3.598	7.412	139.375	307.562
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.235	0.135	0.074	-	0.074	0.276	0.145	0.122	-	-	0.987
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Coast Guard Equipment line funds the Coast Guard Combat System Suite for USCG cutters under the Coast Guard Surface Asset Acquisition Program. Under inter-service agreement(delineated in OPNAVINST 4000.79B), DON plans, programs, and budgets for specific Navy military equipment, systems and logistic support requirements for Coast Guard units to ensure the Coast Guard is prepared to execute naval warfare tasks in consonance with US Navy units. Ship construction and installation costs are funded under the Department of Homeland Security appropriation. The Combat Systems and Weapons Suite will be aligned with future Naval ship building programs to support commonality among the two Service's systems and meet National Fleet objectives. The Combat System Suite must compliment and integrate with Navy Combat Systems. The suite is an appropriate balance of equipment to ensure the Coast Guard is prepared to accomplish the assigned Naval Warfare Tasks in concert with US Navy units. The Surface Asset Acquisition Program Combat Suites include the following: CG001 - SPQ-9B RADAR The AN/SPQ-9B radar is procured for the Maritime Security Cutter, Large (WMSL) Class, aka the National Security Cutter (NSC), Class to track surface targets and low fliers in support of potential gun engagements. CG002 - IFF AIMS The AN/UPX-29A Identification Friend or Foe (IFF) System is procured for the WMSL Class and Maritime Security Cutter, Medium (WMSM) Class, aka the Offshore Patrol Cutter (OPC). The AN/APX-123 Transponder is procured for the Fast Response Cutter aka Patrol Coastal Cutter (WPC). CG003 - MK 53 DECOY LAUNCHING SYSTEM The MK 53 Mod 6 Decoy Launching System (DLS) is procured for WMSL to provide soft-kill capability. MK 36 Super Rapid Blooming Off-Board Chaff (SRBOC) DLS will be procured for the OPC/WMSM to provide soft-kill capability.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support											P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s):																				
CG004 - SLQ-32 The AN/SLQ-32 EW System and the Battle force Electronic Warfare Trainer (BEWT) are procured for the WMSL to perform Electronic Support Measures to support soft-kill measures. BEWT was also procured to support existing SLQ-32 systems on thirteen 270' Medium Endurance Cutters (WMEC). An ES system will be procured to support WMSM. CG005 - MK 46/MK 20 OPTICAL SIGHT The MK 46 Mod 1 OSS is being procured for WMSL 750-753. The MK 20 Mod 0 Electro-Optical Sighting System (EOSS) is being procured for WMSL 754-757. These sighting systems are a component of the MK48 Gun Weapon System and provide fire control optical daytime and thermal imaging (infrared) sensor, and laser range finding to support engagements of hostile surface and air targets. An OSS system will be provided to the WMSM Class. CG006 - COMBAT SYSTEM INTEGRATION Ensure successful integration and system interoperability of Navy type equipment that affects the Combat System of US Coast Guard cutters.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Coast Guard Equipment	P40A, P5A				133.100			6.848			6.680			2.893			-			2.893
Total Gross/Weapon System Cost					133.100			6.848			6.680			2.893			-			2.893
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification:																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support						P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment										Aggregated Item Name: Coast Guard Equipment				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) CG001 - SPQ-9B RADAR																				
† 1.1) DETECTION SYSTEMS	A		43,754K	1	43.754	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) SPQ 9B RADAR ORDALT/FC	A		4,558K	1	4.558	649,000.00	1	0.649	-	-	-	-	-	-	-	-	-	-	-	-
1.3) ILS/TEST SUPPORT	A		-	-	4.721	-	-	0.428	-	-	0.302	-	-	-	-	-	-	-	-	-
† 1.4) DATA/ DOCUMENTATION	A		536,000.00	1	0.536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) CG001 - SPQ-9B RADAR							53.569			1.077			0.302			-			-	
2) IFF AIMS																				
2.1) IFF AIMS CERTIFICATION WPC	A		-	-	0.080	-	-	0.080	-	-	0.080	-	-	0.080	-	-	-	-	-	0.080
† 2.2) IFF AIMS WMSL	A		7,866K	1	7.866	1,004K	1	1.004	1,056K	1	1.056	-	-	-	-	-	-	-	-	-
2.3) IFF AIMS ILS SUPPORT WPC	A		-	-	0.495	-	-	-	-	-	0.280	-	-	0.280	-	-	-	-	-	0.280
† 2.4) IFF AIMS EQUIPMENT WPC	A		-	-	0.802	119,000.00	4	0.476	121,330.00	6	0.728	123,000.00	4	0.492	-	-	-	123,000.00	4	0.492
2.5) IFF AIMS WMSM	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) IFF AIMS UPX-29 LLT WMSM	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.7) IFF AIMS UPX-29 LLT WMSL	A		-	-	0.496	-	-	-	281,000.00	1	0.281	-	-	-	-	-	-	-	-	-
† 2.8) MODIFICATION KITS	A		79,500.00	2	0.159	80,000.00	1	0.080	80,000.00	1	0.080	-	-	-	-	-	-	-	-	-
† 2.9) SUPPORT EQUIPMENT WMSL	A		68,000.00	2	0.136	83,500.00	2	0.167	88,500.00	2	0.177	87,500.00	2	0.175	-	-	-	87,500.00	2	0.175
2.10) PRODUCTION SUPPORT WMSL	A		-	-	0.287	-	-	0.104	-	-	0.050	-	-	0.043	-	-	-	-	-	0.043
2.11) ILS/TEST SUPPORT WMSL	A		-	-	0.351	-	-	0.085	-	-	0.085	-	-	0.071	-	-	-	-	-	0.071
2.12) CERTIFICATION WMSL	A		-	-	0.240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) IFF AIMS							10.912			1.996			2.817			1.141			-	
3) CG003 DECOYS MK 53																				
3.1) MK 36 DLS WMSM	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) ILS/TEST SUPPORT	A		-	-	2.844	-	-	0.150	-	-	0.561	-	-	0.143	-	-	-	-	-	0.143
Subtotal 3) CG003 DECOYS MK 53							2.844			0.150			0.561			0.143			-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support								P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment							Aggregated Item Name: Coast Guard Equipment					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4) CG004 SLQ-32																				
† 4.1) BEWT WMSL	A		847,000.00	1	0.847	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) SLQ-32	A		14,090K	2	28.180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) WMSM	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.4) SLQ-32 REFURBISHMENT	A		4,915K	1	4.915	1,035K	1	1.035	1,041K	1	1.041	-	-	-	-	-	-	-	-	-
† 4.5) SUPPORT EQUIPMENT	A		-	-	-	159,000.00	1	0.159	-	-	-	-	-	-	-	-	-	-	-	-
4.6) PRODUCTION SUPPORT	A		-	-	1.785	-	-	0.157	-	-	0.160	-	-	0.025	-	-	-	-	-	0.025
4.7) ILS/TEST SUPPORT	A		-	-	1.788	-	-	0.100	-	-	0.269	-	-	-	-	-	-	-	-	-
4.8) CERTIFICATION	A		-	-	0.251	-	-	0.087	-	-	0.089	-	-	-	-	-	-	-	-	-
Subtotal 4) CG004 SLQ-32					37.766			1.538			1.559			0.025			-			0.025
5) CG005 MK 46/MK 20 OPTICAL SIGHT																				
5.1) MODIFICATION KITS WMSL	A		-	-	0.196	-	-	-	-	-	0.101	-	-	-	-	-	-	-	-	-
5.2) EO/IR SYSTEM WMSM	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) MK 46/MK 20 WMSL	A		14,525K	1	14.525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) DATA WMSL	A		-	-	0.226	-	-	-	-	-	0.060	-	-	-	-	-	-	-	-	-
5.5) SOFTWARE WMSL	A		-	-	1.521	-	-	-	-	-	0.349	-	-	0.300	-	-	-	-	-	0.300
5.6) PROGRAM SUPPORT WMSL	A		-	-	0.923	-	-	0.218	-	-	0.222	-	-	0.226	-	-	-	-	-	0.226
5.7) ORDALT WMSL	A		-	-	0.571	-	-	-	-	-	0.199	-	-	-	-	-	-	-	-	-
5.8) ILS/TEST SPT WMSL	A		-	-	1.069	-	-	0.275	-	-	0.379	-	-	0.300	-	-	-	-	-	0.300
Subtotal 5) CG005 MK 46/ MK 20 OPTICAL SIGHT					19.031			0.493			1.310			0.826			-			0.826
6) CG006 COMBAT SYSTEM INTEGRATION																				
6.1) CSI	A		-	-	8.978	-	-	1.594	-	-	0.131	-	-	0.758	-	-	-	-	-	0.758
Subtotal 6) CG006 COMBAT SYSTEM INTEGRATION					8.978			1.594			0.131			0.758			-			0.758
Total					133.100			6.848			6.680			2.893			-			2.893

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support				P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment					Aggregated Item Name: Coast Guard Equipment			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) CG001 - SPQ-9B RADAR												
1.1) DETECTION SYSTEMS		2011	NORTHROP GRUMMAN / MELVILLE, NEW YORK	SS / FFP	NAVSEA	Apr 2011	Apr 2013	1	6,263K	Y		Aug 2008
1.2) SPQ 9B RADAR ORDALT/FC		2011	VARIOUS / VARIOUS	SS / FFP	NAVSEA	Apr 2011	Apr 2013	1	649,000.00	Y		Aug 2008
1.2) SPQ 9B RADAR ORDALT/FC		2012	VARIOUS / VARIOUS	SS / FFP	NAVSEA	Mar 2012	Mar 2014	1	649,000.00	Y		Aug 2008
1.4) DATA/DOCUMENTATION		2011	VARIOUS / VARIOUS	SS / FFP	NAVSEA	Apr 2011	Apr 2013	1	113,000.00	Y		Aug 2008
2) IFF AIMS												
2.2) IFF AIMS WMSL		2011	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Mar 2012	Sep 2013	1	984,000.00	Y		Nov 2007
2.2) IFF AIMS WMSL		2012	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Mar 2012	Sep 2013	1	1,004K	Y		Nov 2007
2.2) IFF AIMS WMSL		2013	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	May 2013	Nov 2014	1	1,056K	Y		Nov 2007
2.4) IFF AIMS EQUIPMENT WPC		2012	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Dec 2011	Jun 2013	4	119,000.00	Y		Nov 2007
2.4) IFF AIMS EQUIPMENT WPC		2013	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Dec 2012	Jun 2014	6	121,330.00	Y		Nov 2007
2.4) IFF AIMS EQUIPMENT WPC		2014	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Dec 2013	Jun 2015	4	123,000.00	Y		Nov 2007
2.7) IFF AIMS UPX-29 LLT WMSL		2013	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	May 2013	Nov 2014	1	281,000.00	Y		Nov 2007
2.8) MODIFICATION KITS		2012	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Mar 2012	Sep 2013	1	80,000.00	Y		Nov 2007
2.8) MODIFICATION KITS		2013	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	May 2013	Nov 2014	1	80,000.00	Y		Nov 2007
2.9) SUPPORT EQUIPMENT WMSL		2011	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Mar 2012	Sep 2013	1	68,000.00	Y		Nov 2007
2.9) SUPPORT EQUIPMENT WMSL		2012	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	Mar 2012	Sep 2013	2	83,500.00	Y		Nov 2007
2.9) SUPPORT EQUIPMENT WMSL		2013	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	May 2013	Nov 2014	2	88,500.00	Y		Nov 2007
2.9) SUPPORT EQUIPMENT WMSL		2014	NAVAIR NAWC/AD / ST. INIGOES, MD	WR	NAVAIR	May 2014	Nov 2015	2	87,500.00	Y		Nov 2007
4) CG004 SLQ-32												
4.1) BEWT WMSL		2011	EWA / FAIRMONT, WV	SS / FFP	NAVSEA	Sep 2011	Mar 2013	1	130,000.00	Y		Sep 2007
4.2) SLQ-32		2011	VARIOUS / VARIOUS	SS / FFP	NAVSEA	Sep 2011	Mar 2013	2	1,900K	Y		Sep 2007
4.4) SLQ-32 REFURBISHMENT		2011	VARIOUS / VARIOUS	Various	NAVSEA	Sep 2011	Mar 2013	1	1,035K	Y		Sep 2007

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 17: Other Electronic Support				P-1 Line Item Nomenclature: 3620 - Coast Guard Equipment					Aggregated Item Name: Coast Guard Equipment			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4.4) SLQ-32 REFURBISHMENT		2012	VARIOUS / VARIOUS	Various	NAVSEA	Aug 2012	Feb 2014	1	1,035K	Y		Sep 2007
4.4) SLQ-32 REFURBISHMENT		2013	VARIOUS / VARIOUS	Various	NAVSEA	Aug 2013	Feb 2015	1	1,041K	Y		Sep 2007
4.5) SUPPORT EQUIPMENT		2012	VARIOUS / VARIOUS	SS / FFP	NAVSEA	Aug 2012	Feb 2014	1	159,000.00	Y		Sep 2007
5) CG005 MK 46/MK 20 OPTICAL SIGHT												
5.3) MK 46/MK 20 WMSL		2011	KOLLMORGEN / NORTHAMPTON, MA	SS / FFP	NAVSEA	Jul 2011	Jul 2013	1	1,606K	Y		Aug 2010

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 19: Drug Interdiction Support							P-1 Line Item Nomenclature: 3820 - Other Drug Interdiction Support						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	17.018	57.147	-	-	-	-	-	-	-	-	-	74.165	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	17.018	57.147	-	-	-	-	-	-	-	-	-	74.165	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	17.018	57.147	-	-	-	-	-	-	-	-	-	74.165	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: [P40A / OTHER DRUG INTERDICTION SUPPORT]: Other Drug Interdiction Support Funding													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Drug Interdiction Support	P40A				17.018			57.147			-			-			-			-
Total Gross/Weapon System Cost					17.018			57.147			-			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 19: Drug Interdiction Support								P-1 Line Item Nomenclature: 3820 - Other Drug Interdiction Support							Aggregated Item Name: Other Drug Interdiction Support					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Other Drug Interdiction Support																				
1) OTHER DRUG INTERDICTION SUPPORT	A		-	-	17.018	-	-	57.147	-	-	-	-	-	-	-	-	-	-	-	
Total					17.018			57.147			-			-			-		-	