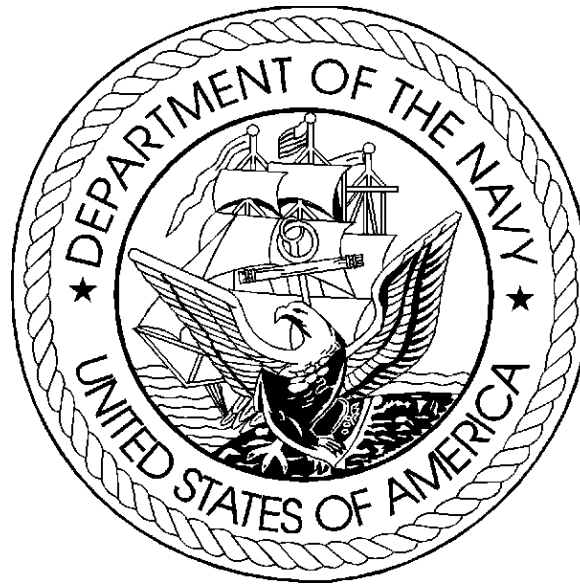


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**Department of Defense
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



Navy

Justification Book Volume 3 of 4

Other Procurement, Navy

Budget Activity 03 - 04

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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
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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
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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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

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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Appropriation: 1810N Other Procurement, Navy

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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 -----	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
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
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
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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 -
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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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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Total Obligational Authority
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28 Feb 2013

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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

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
----	-----	-----	-----	-----
	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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(Dollars in Thousands)

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

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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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 Exhibit P-1 FY 2014 President's Budget
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 (Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o s t
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

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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	

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 -
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 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 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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25	01	09	0990	Submarine Life Support System.....	Volume 1 - 515
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Submarine Training Device Mods	5661	130	04	07.....	Volume 3 - 345
Surface ASW Support Equipment	5449	124	04	05.....	Volume 3 - 289
Surface Training Device Mods	5660	129	04	07.....	Volume 3 - 341
Tomahawk Support Equipment	5253	118	04	03.....	Volume 3 - 195
Vertical Launch Systems	5260	119	04	03.....	Volume 3 - 199
Weapons Range Support Equipment	4204	100	03	03.....	Volume 3 - 13

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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

				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
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

				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
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

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
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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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
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

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
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

				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
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

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
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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(Listing by Appropriation, then Line Number)

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
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

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Appropriation 1810N: Other Procurement, Navy

BA 03: Aviation Support Equipment / BSA 3: Aircraft 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
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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(Listing by Appropriation, then Line Number)

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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(Listing by Appropriation, then Line Number)

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
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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(Listing by Appropriation, then Line Number)

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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(Listing by Appropriation, then Line Number)

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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(Listing by Appropriation, then Line Number)

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 1: Sonobuoys	P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types

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>)	799.799	100.449	104.677	179.927	-	179.927	188.086	181.747	186.458	192.157	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	799.799	100.449	104.677	179.927	-	179.927	188.086	181.747	186.458	192.157	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	799.799	100.449	104.677	179.927	-	179.927	188.086	181.747	186.458	192.157	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:

The AN/SSQ-36 Bathythermograph (BT) is a bathythermograph sonobuoy used to provide a vertical temperature profile of the ocean with respect to depth. The data is transmitted to aircraft to assist in the selection of hydrophone depths and tactics for localizing and tracking submarines and long-range forecasts of acoustic conditions in the ocean.

The AN/SSQ-53 Directional Low Frequency Analyze and Record (DIFAR) is a passive directional sonobuoy which provides acoustic target localization.

The AN/SSQ-62 Directional Command Active Sonobuoy System (DICASS) is a commandable, active acoustic directional sonobuoy that provides target bearing and range information.

The AN/SSQ-101 Air Deployable Active Receiver (ADAR) is a commandable passive acoustic sonobuoy with a horizontal planar array. It is part of the family of multi-static active sensor systems.

The AN/SSQ-125 Multistatic Coherent Source is a commandable coherent active search sensor. It is part of the family of multi-static active sensor systems.

The MK84 Signal Underwater Sound (SUS) device is an expendable, non-explosive, electro-acoustic device which transmits acoustic tones. The MK84 SUS is used for training and exercise signaling to submarines.

Hardware funds may be realigned to support necessary Engineering Investigations and production Engineering Change Proposals.

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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 03: Aviation Support Equipment / BSA 1: Sonobuoys

P-1 Line Item Nomenclature:
4048 - Sonobuoys - All Types

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)
Sonobuoys, All Types	P40A, P5A, P21				799.799			100.449			104.677			179.927			-			179.927
Total Gross/Weapon System Cost					799.799			100.449			104.677			179.927			-			179.927

*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:

Non-Nuclear Ordnance Requirement (NNOR).

The AN/SSQ-110 Multistatic Non-Coherent Source is an active source buoy to be used in conjunction with the family of multi-static active sensor systems. The AN/SSQ-110s are no longer being procured and existing AN/SSQ-110s are now being retrofitted.

A 15 Mar 12 Acquisition Decision Memorandum from PEO(A) Milestone Decision Authority approved the transition from a planned Acquisition Category Program to a series of Engineering Change Proposal modifications to the AN/SSQ-53, AN/SSQ-62 and AN/SSQ-101 sonobuoys.

Actual quantities between the various sonobuoy types may adjust for fleet requirements based on the OPNAV Non-Nuclear Ordnance Requirement (NNOR).

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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 03: Aviation Support Equipment / BSA 1: Sonobuoys							P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types							Aggregated Item Name: Sonobuoys, All Types						
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) Hardware (Common)																				
† 1.1) AN/SSQ-36 (BT) QZ001 ⁽¹⁾	A		587.42	3,306	1.942	602.35	3,405	2.051	701.00	2,000	1.402	726.39	2,065	1.500	-	-	-	726.39	2,065	1.500
† 1.2) AN/SSQ-53 (DIFAR) QZ002 ⁽²⁾	A		738.86	62,603	46.255	762.16	56,100	42.757	769.14	77,017	59.237	910.15	89,564	81.517	-	-	-	910.15	89,564	81.517
† 1.3) AN/SSQ-62 (DICASS) QZ004 ⁽³⁾	A		1,518.96	10,286	15.624	1,570.94	8,500	13.353	1,698.40	7,228	12.276	1,811.85	9,785	17.729	-	-	-	1,811.85	9,785	17.729
Subtotal 1) Hardware (Common)					63.821			58.161			72.915			100.746			-			100.746
2) Hardware (Multistatic)																				
† 2.1) AN/SSQ-101 (ADAR) QZ006	A		5,477.60	3,348	18.339	5,267.30	1,691	8.907	5,384.91	1,047	5.638	4,110.87	4,636	19.058	-	-	-	4,110.87	4,636	19.058
† 2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010 ⁽⁴⁾	A		-	-	-	5,501.24	4,441	24.431	5,962.20	2,857	17.034	4,542.85	10,513	47.759	-	-	-	4,542.85	10,513	47.759
Subtotal 2) Hardware (Multistatic)					18.339			33.338			22.672			66.817			-			66.817
3) Hardware (Other)																				
† 3.1) SUS MK84 QZ012	A		-	-	-	-	-	-	-	-	-	324.40	5,000	1.622	-	-	-	324.40	5,000	1.622
Subtotal 3) Hardware (Other)					-			-			-			1.622			-			1.622
4) Production Engineering																				
4.1) Common QZ830	A		-	-	3.644	-	-	3.600	-	-	3.550	-	-	3.110	-	-	-	-	-	3.110
4.2) Multistatic QZ830	A		-	-	1.028	-	-	1.189	-	-	1.312	-	-	1.840	-	-	-	-	-	1.840
4.3) Other QZ830	A		-	-	-	-	-	-	-	-	-	-	-	0.069	-	-	-	-	-	0.069
Subtotal 4) Production Engineering					4.672			4.789			4.862			5.019			-			5.019
5) Acceptance Testing																				
5.1) Common QZ860	A		-	-	3.736	-	-	3.051	-	-	3.103	-	-	3.306	-	-	-	-	-	3.306
5.2) Multistatic QZ860	A		-	-	1.188	-	-	1.110	-	-	1.125	-	-	2.359	-	-	-	-	-	2.359
5.3) Other QZ860	A		-	-	-	-	-	-	-	-	-	-	-	0.058	-	-	-	-	-	0.058
Subtotal 5) Acceptance Testing					4.924			4.161			4.228			5.723			-			5.723
6) Prior Years ⁽⁵⁾																				
6.1) Prior Years	A		-	-	708.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) Prior Years					708.043			-			-			-			-			-
Total					799.799			100.449			104.677			179.927			-			179.927
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 03: Aviation Support Equipment / BSA 1: Sonobuoys	P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types	Aggregated Item Name: Sonobuoys, All Types
(1) AN/SSQ-36 unit cost increases in FY13 due to the quantity decrease. (2) AN/SSQ-53 unit cost increase FY14 is due to the incorporation of High Altitude ASW (HAASW) NATO digital uplink and GPS capabilities. These additional capabilities will change the configuration of the current AN/SSQ-53F to AN/SSQ-53G beginning with FY14 procurements. Additional capabilities were planned for FY13 but were delayed at program start due to technology readiness. Previous FY13 unit cost increase shown in PB13 will be used to procure additional current design sonobuoys based on the Non-Nuclear Ordnance Requirement (NNOR). (3) AN/SSQ-62 unit cost increase FY14 is due to the incorporation of High Altitude ASW (HAASW) NATO digital uplink and GPS capabilities. (4) AN/SSQ-125 unit cost increases in FY13 due to the quantity decrease. (5) Sonobuoys under prior subheads are not included in Prior Years amount.		

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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 03: Aviation Support Equipment / BSA 1: Sonobuoys			P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types							Aggregated Item Name: Sonobuoys, All Types		
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) Hardware (Common)												
†1.1) AN/SSQ-36 (BT) QZ001		2010	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Nov 2011	Feb 2013	95	602.32	Y		Apr 2010
†1.1) AN/SSQ-36 (BT) QZ001		2011	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Apr 2011	Jul 2012	3,211	587.00	Y		Apr 2010
†1.1) AN/SSQ-36 (BT) QZ001		2012	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Nov 2011	Feb 2013	3,405	602.35	Y		Apr 2010
†1.1) AN/SSQ-36 (BT) QZ001		2013	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Dec 2012	Mar 2014	2,000	701.00	Y		Jun 2011
†1.1) AN/SSQ-36 (BT) QZ001		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	2,065	726.39	Y		Aug 2012
†1.2) AN/SSQ-53 (DIFAR) QZ002		2010	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Mar 2012	Jun 2013	1,065	761.50	Y		Apr 2010
†1.2) AN/SSQ-53 (DIFAR) QZ002		2011	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Apr 2011	Jul 2012	61,538	738.47	Y		Apr 2010
†1.2) AN/SSQ-53 (DIFAR) QZ002		2012	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Jan 2012	Apr 2013	56,100	762.16	Y		Apr 2010
†1.2) AN/SSQ-53 (DIFAR) QZ002		2013	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Dec 2012	Mar 2014	77,017	769.14	Y		Jun 2011
†1.2) AN/SSQ-53 (DIFAR) QZ002		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	89,564	910.15	Y		Aug 2012
†1.3) AN/SSQ-62 (DICASS) QZ004		2011	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Apr 2011	Jul 2012	10,286	1,519.00	Y		Apr 2010
†1.3) AN/SSQ-62 (DICASS) QZ004		2012	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Nov 2011	Feb 2013	8,500	1,570.94	Y		Apr 2010
†1.3) AN/SSQ-62 (DICASS) QZ004		2013	ERAPSCO / Columbia City IN	C / FFP	NAWCAD	Dec 2012	Mar 2014	7,228	1,698.40	Y		Jun 2011
†1.3) AN/SSQ-62 (DICASS) QZ004		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	9,785	1,811.85	Y		Aug 2012
2) Hardware (Multistatic)												
†2.1) AN/SSQ-101 (ADAR) QZ006		2010	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Mar 2012	Jun 2013	49	5,253.47	Y		Feb 2011
†2.1) AN/SSQ-101 (ADAR) QZ006		2011	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Nov 2010	Feb 2012	3,299	5,481.05	Y		Oct 2009
†2.1) AN/SSQ-101 (ADAR) QZ006		2012	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Mar 2012	Jun 2013	1,691	5,267.30	Y		Feb 2011
†2.1) AN/SSQ-101 (ADAR) QZ006		2013	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Nov 2012	Feb 2014	1,047	5,384.91	Y		Jun 2011
†2.1) AN/SSQ-101 (ADAR) QZ006		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	4,636	4,110.87	Y		Aug 2012
†2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010		2012	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Jun 2012	Sep 2013	4,441	5,501.24	Y		Feb 2011
†2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010		2013	ERAPSCO / Columbia City IN	SS / FFP	NAWCAD	Dec 2012	Mar 2014	2,857	5,962.20	Y		Jun 2011
†2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	10,513	4,542.85	Y		Aug 2012
3) Hardware (Other)												
†3.1) SUS MK84 QZ012		2014	TBD / TBD	C / FFP	NAWCAD	Feb 2014	May 2015	5,000	324.40	Y		Aug 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 03: Aviation Support Equipment / BSA 1: Sonobuoys										P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types										Aggregated Item Name: Sonobuoys, All Types														
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) Hardware (Common)																																		
1.1) AN/SSQ-36 (BT) QZ001																																		
	1	2014	NAVY	2,065 (6)	-	2,065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,065		
	2	2010	NAVY	95	-	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	95		
	2	2011	NAVY	3,211	-	3,211	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	350	400	2,211		
	2	2012	NAVY	3,405	-	3,405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	3,405		
	2	2013	NAVY	2,000	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000		
1.2) AN/SSQ-53 (DIFAR) QZ002																																		
	3	2010	NAVY	1,065	-	1,065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	1,065		
	3	2011	NAVY	61,538	-	61,538	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,375	6,700	6,900	41,563			
	3	2012	NAVY	56,100	-	56,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	56,100		
	3	2013	NAVY	77,017	-	77,017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77,017		
	4	2014	NAVY	89,564 (7)	-	89,564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89,564		
1.3) AN/SSQ-62 (DICASS) QZ004																																		
	5	2011	NAVY	10,286	-	10,286	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,100	1,100	1,100	6,986		
	5	2012	NAVY	8,500	-	8,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	8,500		
	5	2013	NAVY	7,228	-	7,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,228		
	6	2014	NAVY	9,785 (8)	-	9,785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,785		
2) Hardware (Multistatic)																																		
2.1) AN/SSQ-101 (ADAR) QZ006																																		
	7	2010	NAVY	49	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	49		
	7	2011	NAVY	3,299	-	3,299	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	350	400	500	500	500	500	350	99			
	7	2012	NAVY	1,691	-	1,691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	1,691		
	7	2013	NAVY	1,047	-	1,047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,047		
	8	2014	NAVY	4,636 (9)	-	4,636	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,636		
2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010																																		
	9	2012	NAVY	4,441	-	4,441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	4,441		
	9	2013	NAVY	2,857	-	2,857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,857		
							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 03: Aviation Support Equipment / BSA 1: Sonobuoys					P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types					Aggregated Item Name: Sonobuoys, All Types									

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						
	10	2014	NAVY	10,513 (10)	-	10,513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,513				
3) Hardware (Other)																																				
3.1) SUS MK84 QZ012																																				
	11	2014	NAVY	5,000	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000				
							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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LI 4048 - Sonobuoys - All Types
Navy

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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 03: Aviation Support Equipment / BSA 1: Sonobuoys					P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types					Aggregated Item Name: Sonobuoys, All Types									

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								
	10	2014	NAVY	10,513 (10)	-	10,513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	10,513						
3) Hardware (Other)																																						
3.1) SUS MK84 QZ012																																						
	11	2014	NAVY	5,000	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	5,000						
							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 03: Aviation Support Equipment / BSA 1: Sonobuoys										P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types												Aggregated Item Name: Sonobuoys, All Types												
Items (Units in Each)							Fiscal Year 2015												Fiscal Year 2016															
O C 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	B A L			
1) Hardware (Common)																																		
1.1) AN/SSQ-36 (BT) QZ001																																		
	1	2014	NAVY	2,065 (6)	-	2,065	-	-	-	-	-	-	-	200	200	225	250	250	250	250	240	200											-	
	2	2010	NAVY	95	95	-																										-		
	2	2011	NAVY	3,211	3,211	-																										-		
	2	2012	NAVY	3,405	3,405	-																										-		
	2	2013	NAVY	2,000	1,650	350	200	150																										-
1.2) AN/SSQ-53 (DIFAR) QZ002																																		
	3	2010	NAVY	1,065	1,065	-																										-		
	3	2011	NAVY	61,538	61,538	-																										-		
	3	2012	NAVY	56,100	56,100	-																										-		
	3	2013	NAVY	77,017	60,000	17,017	8,500	8,517																										-
	4	2014	NAVY	89,564 (7)	-	89,564	-	-	-	-	-	-	-	9,950	9,950	9,950	9,950	9,950	9,950	9,950	9,950	9,964											-	
1.3) AN/SSQ-62 (DICASS) QZ004																																		
	5	2011	NAVY	10,286	10,286	-																										-		
	5	2012	NAVY	8,500	8,500	-																										-		
	5	2013	NAVY	7,228	5,700	1,528	900	628																										-
	6	2014	NAVY	9,785 (8)	-	9,785	-	-	-	-	-	-	-	1,000	1,000	1,100	1,200	1,200	1,200	1,085	1,000	1,000											-	
2) Hardware (Multistatic)																																		
2.1) AN/SSQ-101 (ADAR) QZ006																																		
	7	2010	NAVY	49	49	-																										-		
	7	2011	NAVY	3,299	3,299	-																										-		
	7	2012	NAVY	1,691	1,691	-																										-		
	7	2013	NAVY	1,047	925	122	122																										-	
	8	2014	NAVY	4,636 (9)	-	4,636	-	-	-	-	-	-	-	441	500	550	550	550	550	550	550	500	445											-
2.2) AN/SSQ-125 (Multistatic Coherent Source) QZ010																																		
	9	2012	NAVY	4,441	4,441	-																										-		
	9	2013	NAVY	2,857	2,250	607	300	307																										-
							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 03: Aviation Support Equipment / BSA 1: Sonobuoys										P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types										Aggregated Item Name: Sonobuoys, All Types									

Items (Units in Each)							Fiscal Year 2015												Fiscal Year 2016																
O C 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					
	10	2014	NAVY	10,513 (10)	-	10,513	-	-	-	-	-	-	-	900	1,100	1,300	1,300	1,300	1,300	1,300	1,100	913									-				
3) Hardware (Other)																																			
3.1) SUS MK84 QZ012																																			
	11	2014	NAVY	5,000	-	5,000	-	-	-	-	-	-	-	500	500	600	600	600	600	600	500	500									-				
							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 03: Aviation Support Equipment / BSA 1: Sonobuoys	P-1 Line Item Nomenclature: 4048 - Sonobuoys - All Types	Aggregated Item Name: Sonobuoys, All Types

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		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	TBD - TBD	2.00	67.00	135.00	14	5	15	20	-	-	-	-
2	ERAPSCO - Columbia City IN	2.00	67.00	135.00	18	1	15	16	-	-	-	-
3	ERAPSCO - Columbia City IN	45.00	62.00	135.00	18	3	15	18	-	-	-	-
4	TBD - TBD	45.00	62.00	135.00	14	5	15	20	-	-	-	-
5	ERAPSCO - Columbia City IN	10.00	26.00	67.00	18	1	15	16	-	-	-	-
6	TBD - TBD	10.00	26.00	67.00	14	5	15	20	-	-	-	-
7	ERAPSCO - Columbia City IN	2.00	8.00	11.00	8	5	15	20	-	-	-	-
8	TBD - TBD	2.00	8.00	11.00	14	5	15	20	-	-	-	-
9	ERAPSCO - Columbia City IN	2.00	7.00	14.00	16	2	15	17	-	-	-	-
10	TBD - TBD	2.00	7.00	14.00	14	5	15	20	-	-	-	-
11	TBD - TBD	2.00	67.00	135.00	14	5	15	20	-	-	-	-

"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).

Footnotes:

(6) If mobilization is for multiple buoy types, then the maximum quantity should be reduced by 30% - 50%.

(7) If mobilization is for multiple buoy types, then the maximum quantity should be reduced by 30% - 50%.

(8) If mobilization is for multiple buoy types, then the maximum quantity should be reduced by 30% - 50%.

(9) If mobilization is for multiple buoy types, then the maximum quantity should be reduced by 30% - 50%.

(10) If mobilization is for multiple buoy types, then the maximum quantity should be reduced by 30% - 50%.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4204 - Weapons Range Support 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>)	385.681	50.197	70.753	55.279	-	55.279	55.853	50.661	51.865	52.836	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	385.681	50.197	70.753	55.279	-	55.279	55.853	50.661	51.865	52.836	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	385.681	50.197	70.753	55.279	-	55.279	55.853	50.661	51.865	52.836	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>)	-	3.715	3.046	4.249	-	4.249	3.973	3.665	3.755	3.827	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 budget line item provides the resources to implement the Navy Fleet Training Range (FTR) Instrumentation Program Plan. These FTRs provide the primary means of fleet combat readiness training. The plan addresses the following major procurement areas: Electronic Warfare (EW) simulators, Systems Replacement and Modernization (SRAM), and generic systems such as range computer systems, simulation, surveillance systems, Moving Land Targets (MLT), Test and Training Enabling Architecture (TENA), Targets/ Smart Targets, Tactical Combat Training System (TCTS), Undersea Warfare Training Range/ Pacific Fleet Portable ASW Range, and Mine Countermeasure (MCM) training equipment. The integral parts of these major range programs include but are not limited to the following: voice communications, weapons scoring systems, display consoles, radars, tracking subsystems, control/ computation subsystems, display/ debriefing subsystems, processors, HF/ VHF/ UHF receivers, transmitters/ transceivers, multiplexers, intercom circuits, encoding devices, frequency interface control systems, and other specialized equipment.

[P40A / SC004 SRAM - Systems Replacement and Modernization]: The SRAM program provides for the procurement of numerous non-recurring range equipment replacement and modernization efforts that are needed at all Navy training ranges. SRAM procurements replace and modernize economically unobtainable systems and equipment in order to increase range efficiency. Funding for installation of minor equipment is required in all years for all ranges. Some procurements include antenna replacement, datalink replacement, electrical generators, and range safety lighting equipment.

[P40A / SC012 OS - Ocean Systems]: Funds the procurement and upgrade of fixed and portable underwater training ranges. The underwater ranges are used to provide individual and unit level training for basic antisubmarine warfare (ASW) skills. Large exercises such as Composite Training Unit Exercises (COMTUEX), Fleet Exercises (FLEETEX), and Joint Task Force Exercises (JTFX) are conducted in the vicinity of the fixed underwater training ranges. The Portable Underwater Training Range (PUTR) will support ASW training for Forward Deployed Naval Forces (FDNF) in the Pacific. Efforts on the previous PUTR system were completed in FY10. A second system for Pacific use will be procured in FY13. Items procured under this cost element include hydrophones, undersea cable, and shore system electronics. The Undersea Warfare Training Range (USWTR) will provide realistic shallow water ASW training against the diesel submarine threat. USWTR will provide approximately 500 nmi2 of operational range area on each coast. In 2010, the Navy reprioritized the USWTR program, with the East Coast range to be procured before the West Coast range. Per Congressional direction, East Coast USWTR has been broken out separately under cost code SC161. West Coast USWTR is planned for procurement under this cost code outside the current FYDP.

[P40A / SC161 OS - East Coast USWTR]: The purpose of the East Coast USWTR is to establish a shallow-water training range capability on the East Coast. The primary USWTR mission will be to support Fleet readiness through training and tactical development of submarine, surface ship, and aircraft undersea warfare (USW), surface warfare (SUW), and mine warfare (MIW). Secondary missions will include

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4204 - Weapons Range Support 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):		
training in shallow water, regional conflict operations involving the naval special warfare (NSW), electronic warfare (EW), and amphibious warfare (AMW) mission/ operational capability areas. Additionally, joint mission areas that may be supported include joint littoral warfare and joint surveillance and warning. Previously subsumed within Ocean Systems, East Coast USWTR has been broken out separately in accordance with the FY 2007 Defense Appropriations Act. Items procured under this cost element include hydrophones, undersea cable, and shore system electronics for East Coast USWTR. End result is a single in-water training range. [P40A / SC039 TCTS - Transportable Ground Subsystem]: The Tactical Combat Training System (TCTS) will procure fixed range instrumentation equipment for both shore-based (aircrew training) and deployable (ship/sub/aircrew training) applications. TCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenario; track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely feedback. TCTS is building on technology developed for existing tactical training range systems. The system will be interoperable with the USAF P5 CTS system. The TCTS consists of airborne instrumentation called Participant Subsystems and Ground Subsystems. Increment 1 systems have been procured and fielded. Future procurements will be for Increment 2 systems with encrypted communication capability. [P40A / SC138 TCTS - Portable Ground Subsystem]: The Tactical Combat Training System (TCTS) will procure portable range instrumentation equipment for both shore-based (aircrew training) and deployable (ship/sub/aircrew training) applications. TCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenario; track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely feedback. TCTS is building on technology developed for existing tactical training range systems. The system will be interoperable with the USAF P5 CTS system. The TCTS consists of airborne instrumentation called Participant Subsystems and Ground Subsystems. Increment 1 systems have been procured and fielded. Future procurements will be for Increment 2 systems with encrypted communication capability. [P40A / SC140 TCTS - Remote Range Unit]: The Tactical Combat Training System (TCTS) will procure fixed, transportable, and mobile range instrumentation equipment for both shore-based (aircrew training) and deployable (ship/sub/aircrew training) applications. TCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenario; track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely feedback. TCTS is building on technology developed for existing tactical training range systems. The system will be interoperable with the USAF P5 CTS system. The TCTS consists of airborne instrumentation called Participant Subsystems and Ground Subsystems. Increment 1 systems have been procured and fielded. Future procurements will be for Increment 2 systems with encrypted communication capability. [P40A / SC041 EW - Targets/ Smart Targets]: Targets represent a variety of mobile and stationary targets, shapes, and visual cues that are required to support aviation and surface training of the Naval Forces. Smart Targets represent Electronic Warfare simulators and legacy system upgrades that present range participants with systems that provide capabilities such as reactivity, mobility, realistic radar cross-section, infrared signature, and realistic threat fidelity. [P40A / SC105 EW - Threat Presentation]: Threat Presentation includes all the necessary components and elements associated with presenting friendly training event participants with an opposing force (OPFOR) operating environment that replicates the expected enemy order of battle. The capability of a range to recreate any Electronic Combat electronic order of battle (EOB) requires a range to simulate or emulate basic elements of Electronic Combat such as search, acquisition and tracking radars, anti-aircraft artillery (AAA) systems, surface-to-air missile (SAM) systems, infrared (IR) systems, jammers, coastal threats, airborne simulators, and information warfare/ command and control systems. Individual pieces procured vary from year to year. [P40A / SC151 MLT - Moving Land Targets]: The Moving Land Target (MLT) will provide Naval Forces with a fast and highly maneuverable surrogate for the threat vehicles currently encountered in combat operations. The MLT will operate primarily on unpaved roads, support Close Air Support (CAS) and Time-Sensitive Targeting (TST) training, and enable Joint Terminal Air Controllers (JTACs) and aircrews to identify and engage moving targets not normally associated with traditional enemy forces. This line was previously titled FRP Targets. [P40A / SC164 RSS - Laser Scoring System]: Laser training system instrumentation is used to provide a ground-based source of laser energy for weapon terminal guidance (ground designation) or to provide an independent confirmation of the laser spot position for airborne or ground designation. These funds will be used for major service life extensions, technology refreshment, and system replacement. [P40A / SC165 MCM - Mine Shapes]: Mine Shapes are used to support Norfolk-based helo squadron aviation Mine Countermeasure (MCM) training at the Virginia Capes (VACAPES) range operating area.		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4204 - Weapons Range Support 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): [P40A / SC710 CONG - FY 12 Training Range Upgrades]: FY12 Congressional funds provided to support acquisition and deployment of Navy Fleet Training Range instrumentation. Training range instrumentation includes but is not limited to: tracking instrumentation (both fixed-site and movable), instrumentation capabilities to exchange and process data with the combat systems, instrumentation designed to provide a realistic electronic warfare environment, equipment for impact scoring of practice weapons, and support instrumentation to include communications, surveillance, and data transmission systems necessary for the effective operation of the training ranges. [P40A / SC166 Relocatable Tension Fabric Aircraft Shelters]: Relocatable Tension Fabric Aircraft Shelters: Procure and install temporary aircraft shelters to prevent accelerated degradation of aircraft components.																				
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)
Weapons Range Support Equipment	P40A, P5A				385.681			50.197			70.753			55.279			-			55.279
Total Gross/Weapon System Cost					385.681			50.197			70.753			55.279			-			55.279
*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: Operational forces of the Navy's air, surface, and subsurface units are being equipped with the latest complex and sophisticated weapon systems to achieve and maintain high standards of fleet readiness. The FTRs must be furnished with training equipment capable of simulating, tracking, displaying, and debriefing the latest combat environments (e.g. electronic warfare). This equipment provides the Navy with the capability to: conduct safe fleet training exercises; achieve a high state of readiness; objectively evaluate training effectiveness as well as the strategy and tactics employed; evaluate the performance of equipment; and measure reliability and accuracy of operational 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4204 - Weapons Range Support Equipment							Aggregated Item Name: Weapons Range 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) Hardware ⁽¹⁾																				
1.1) SC004 SRAM - Systems Replacement and Modernization	A		-	-	120.929	-	-	3.042	-	-	10.102	-	-	9.179	-	-	-	-	-	9.179
1.2) SC012 OS - Ocean Systems	A		-	-	63.370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.3) SC161 OS - East Coast USWTR	A		-	-	21.476	-	-	15.764	-	-	21.362	-	-	17.133	-	-	-	-	-	17.133
1.4) SC039 TCTS - Transportable Ground Subsystem	A		-	-	0.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) SC138 TCTS - Portable Ground Subsystem	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.6) SC140 TCTS - Remote Range Unit	A		-	-	-	-	-	-	150,000.00	3	0.450	-	-	-	-	-	-	-	-	-
† 1.7) SC041 EW - Targets/ Smart Targets	A		8,488K	1	8.488	240,000.00	1	0.240	-	-	-	-	-	-	-	-	-	-	-	
1.8) SC105 EW - Threat Presentation	A		-	-	35.995	-	-	5.750	-	-	15.704	-	-	13.959	-	-	-	-	-	13.959
† 1.9) SC151 MLT - Moving Land Targets	A		541,125.00	16	8.658	-	-	-	64,040.00	28	1.793	69,538.46	26	1.808	-	-	-	69,538.46	26	1.808
† 1.10) SC164 RSS - Laser Scoring System	A		665,142.86	7	4.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.11) SC165 MCM - Mine Shapes	A		-	-	-	-	-	-	-	-	0.508	-	-	0.268	-	-	-	-	-	0.268
1.12) SC710 CONG - FY 12 Training Range Upgrades	A		-	-	-	-	-	12.500	-	-	-	-	-	-	-	-	-	-	-	
1.13) SC166 Relocatable Tension Fabric Aircraft Shelters	A		-	-	-	-	-	-	-	-	8.000	-	-	-	-	-	-	-	-	
Subtotal 1) Hardware					264.333			37.296			57.919			42.347			-			42.347
2) Integrated Logistics Support																				
2.1) SC800 SRAM	A		-	-	0.560	-	-	0.290	-	-	0.285	-	-	0.290	-	-	-	-	-	0.290
2.2) SC800 Ocean Systems	A		-	-	0.965	-	-	0.198	-	-	0.212	-	-	0.213	-	-	-	-	-	0.213
2.3) SC800 TCTS	A		-	-	0.982	-	-	0.206	-	-	0.186	-	-	0.195	-	-	-	-	-	0.195
2.4) SC800 EW	A		-	-	0.441	-	-	0.361	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
2.5) SC800 Prior Years	A		-	-	9.317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) Integrated Logistics Support					12.265			1.055			0.833			0.848			-			0.848

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4204 - Weapons Range Support Equipment								Aggregated Item Name: Weapons Range 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)
3) Production Support																				
3.1) SC820 Ocean Systems	A		-	-	1.075	-	-	0.839	-	-	0.806	-	-	1.047	-	-	-	-	-	1.047
3.2) SC820 TCTS	A		-	-	0.235	-	-	0.050	-	-	0.220	-	-	0.230	-	-	-	-	-	0.230
3.3) SC820 EW	A		-	-	0.167	-	-	0.157	-	-	0.175	-	-	0.180	-	-	-	-	-	0.180
Subtotal 3) Production Support					1.477			1.046			1.201			1.457			-			1.457
4) Production Engineering																				
4.1) SC831 SRAM	A		-	-	1.909	-	-	1.180	-	-	0.857	-	-	1.120	-	-	-	-	-	1.120
4.2) SC831 Ocean Systems	A		-	-	8.866	-	-	1.907	-	-	3.246	-	-	2.546	-	-	-	-	-	2.546
4.3) SC831 TCTS	A		-	-	6.290	-	-	3.127	-	-	3.189	-	-	1.894	-	-	-	-	-	1.894
4.4) SC831 EW	A		-	-	4.701	-	-	3.062	-	-	2.243	-	-	2.249	-	-	-	-	-	2.249
4.5) SC832 MLT	A		-	-	0.278	-	-	0.015	-	-	0.185	-	-	0.169	-	-	-	-	-	0.169
4.6) SC831 RSS	A		-	-	0.820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) SC831 Prior Years	A		-	-	58.652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) Production Engineering					81.516			9.291			9.720			7.978			-			7.978
5) Acceptance Testing																				
5.1) SC860 SRAM	A		-	-	0.408	-	-	0.225	-	-	0.210	-	-	0.225	-	-	-	-	-	0.225
5.2) SC860 Ocean Systems	A		-	-	0.337	-	-	0.111	-	-	0.112	-	-	0.474	-	-	-	-	-	0.474
5.3) SC860 TCTS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) SC860 EW	A		-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) SC860 Prior Years	A		-	-	3.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) Acceptance Testing					4.488			0.336			0.322			0.699			-			0.699
6) Non-FMP Installation																				
6.1) SC900 SRAM	A		-	-	0.238	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) SC900 TCTS	A		-	-	0.926	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) SC900 Prior Years	A		-	-	11.365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) Non-FMP Installation					12.529			-			-			-			-			-
7) FMP Installation																				
7.1) SC910 TCTS	A		-	-	0.863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) FMP Installation					0.863			-			-			-			-			-
8) Non-Recurring																				
8.1) SC920 Ocean Systems	A		-	-	7.810	-	-	-	-	-	0.122	-	-	-	-	-	-	-	-	-

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4204 - Weapons Range Support Equipment										Aggregated Item Name: Weapons Range 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)
8.2) SC920 TCTS ⁽²⁾	A		-	-	0.400	-	-	1.173	-	-	0.636	-	-	1.950	-	-	-	-	-	1.950
<i>Subtotal 8) Non-Recurring</i>					8.210			1.173			0.758			1.950			-			1.950
Total					385.681			50.197			70.753			55.279			-			55.279

Footnotes:

(1) TCTS Hardware procurements under cost codes SC039, SC138, and SC140 beginning in FY 2017 include an encryption capability not previously procured

(2) TCTS Non-Recurring costs in FY 12-16 are to deliver software block upgrades to TCTS Increment I (non-encrypted) Ground Subsystems at Navy Tactical Training Ranges. Associated support costs (ILS, PS, PE) are in support of these deliveries. Non-recurring costs in FY 17-18 are for site stand up efforts associated with procurement and fielding of TCTS Increment II (encrypted) Ground Subsystems.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4204 - Weapons Range Support Equipment					Aggregated Item Name: Weapons Range Support 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 (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware												
1.6) SC140 TCTS - Remote Range Unit		2013	Cubic Defense Applications / San Diego, CA	C / FFP	AAC/WMR Eglin AFB, FL	Jun 2013	Feb 2015	3	150,000.00	Y		Dec 2002
1.7) SC041 EW - Targets/ Smart Targets		2012	Argon ST / Amarillo, TX	C / FFP	NAWCWD, Pt. Mugu, CA	Apr 2012	Apr 2013	1	240,000.00	Y		Jan 2009
1.9) SC151 MLT - Moving Land Targets		2013	Kairos / Sandy, UT	C / FFP	NAVAIR, Patuxent River, MD	Apr 2013	Aug 2013	28	64,040.00	Y		May 2010
1.9) SC151 MLT - Moving Land Targets		2014	Kairos / Sandy, UT	C / FFP	NAVAIR, Patuxent River, MD	Apr 2014	Aug 2014	26	69,538.46	Y		May 2010
1.10) SC164 RSS - Laser Scoring System		2011	NAWCWD Pt. Mugu / NAWCWD Pt. Mugu, CA	PO	N/A	Jun 2011	Jun 2012	7	428,570.00	Y		Oct 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4208 - Expeditionary Airfields													
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>)	194.849	55.561	66.878	8.792	-	8.792	8.955	9.096	9.284	9.439	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	194.849	55.561	66.878	8.792	-	8.792	8.955	9.096	9.284	9.439	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	194.849	55.561	66.878	8.792	-	8.792	8.955	9.096	9.284	9.439	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: Expeditionary Airfields (EAF): This program provides for procurement of aircraft recovery equipment, landing mat and accessories, airfield lighting and Visual Landing Aids for Naval Aviation EAF. EAF recovery equipment consists of the M31 arresting gear and its accessories. This equipment is used to stop aircraft in less than 1000 ft. EAF landing mats and accessories are used to construct airfields of varying configurations such as, 5000+ ft conventional airport runways and taxiways, Forward Arming and Refueling Points (FARPs), Forward Operating Bases (FOBs), Landing Zones (LZs) and Helo Pads. EAF Lighting equipment augments the many types of EAFs with lighting of the runways, taxiways, LZs, FARPs, FOBs and Helo pads. Much of the EAF Lighting utilizes Infra Red Lighting for use with Night Vision Devices for night operations by all Type/Model/Series aircraft. Fresnel Lens Optical Landing Systems and Precision Approach Path Indicator systems are used to guide aircraft to the proper landing or arresting gear area of the EAF. This core funding level directly supports the procurement and fielding of operational EAF systems for three Active Marine Aircraft Wings (MAW) and one Reserve MAW, testing and training installations, and provides assets for use by the Marine Expeditionary Forces during contingency 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Expeditionary Airfields	P40A, P5A				194.849			55.561			66.878			8.792			-			8.792
Total Gross/Weapon System Cost					194.849			55.561			66.878			8.792			-			8.792
*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.																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4208 - Expeditionary Airfields
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Justification: Basis for FY 2014, Baseline Budget Request: The FY 2014 baseline budget request consists of procurement of various composites of surfacing equipment, such as AM-2 Matting and Light Weight Matting. The quantities of matting and lighting vary depending on quantities for each type of matting and service change requirements each year. Equipment procurements are based on inventory shortfalls, product improvements to fill or correct deficiencies, modernizing EAF equipment to improve maintainability, reliability and safety-of-flight and to keep pace with new aircraft and aircraft systems. Basis for FY 2013, Baseline Budget Request: The FY 2013 baseline budget request consists of procurement of various composites of surfacing equipment, such as AM-2 Matting and Light Weight Matting. The quantities of matting and lighting vary depending on quantities for each type of matting and service change requirements each year. Equipment procurements are based on inventory shortfalls, product improvements to fill or correct known deficiencies, modernizing EAF equipment to improve maintainability, reliability and safety-of-flight, and to keep pace with new aircraft and aircraft systems. Basis for FY 2013, Overseas Contingency Operations Request: Budget consists of procurement of Expeditionary Airfields (EAF) replacement equipment that is not recoverable and AM-2 Matting. This equipment includes accessories that are required to support air operations such as: war operations, medivac landing zones and logistic resupply points for weapons, ammunition, food and general supplies at various airfields, FARPs and FOBs. Basis for FY 2012, Budget Request: The FY 2012 baseline budget request consists of procurement of various composites of surfacing equipment, such as AM-2 Matting and Light Weight Matting. The quantities for matting and lighting vary depending on quantities for each type of matting and service change requirements each year. The equipment, accessories, and service changes are procured and fielded with these funds. Equipment procurements are based on inventory shortfalls, product improvements to fill or correct known deficiencies, modernizing EAF equipment to improve maintainability, reliability, and safety-of-flight in order to keep pace with new aircraft and aircraft systems. Basis for FY 2012, Overseas Contingency Operations: Equipment procurements will facilitate forward deployment of EAF systems aboard Rapid Deployment Force/Maritime Prepositioning Force ships which is an operational requirement under the Maritime Corps Master Plan, the Enhanced Maritime Prepositioning Squadron requirement and the EAF 2000 concept. FY 2012 budget also consists of procurement of EAF replacement equipment that is not recoverable. This equipment includes accessories that are required to support air operations such as: war operations, medivac landing zones and logistic resupply points for weapons, ammunition, food and general supplies at various airfields, Forward Arming and Refueling Points (FARPs) and Forward Operating Bases (FOB). The funding profile has changed significantly between FY13 and FY14 due to no OCO funds being requested in FY14. Previous requested OCO funds have provided a complete buy back of assets expended during the war, therefore making it unnecessary to request additional OCO funding in 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4208 - Expeditionary Airfields							Aggregated Item Name: Expeditionary Airfields					
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) (SE010) EAF Surfacing Equipment																				
† 1.1) AM-2 Matting (F71)	A		119,017.00	1,000	119.017	14,000.00	2,120	29.680	15,000.00	2,360	35.400	13,694.12	85	1.164	-	-	-	13,694.12	85	1.164
† 1.2) AM2-Matting (F72)	A		-	-	-	-	-	-	-	-	-	7,100.00	30	0.213	-	-	-	7,100.00	30	0.213
† 1.3) AM-2 Matting (F73)	A		-	-	-	-	-	-	-	-	-	13,000.00	1	0.013	-	-	-	13,000.00	1	0.013
† 1.4) F-87 Light Weight Matting	A		12,124.54	273	3.310	11,000.00	90	0.990	11,000.00	331	3.641	-	-	-	-	-	-	-	-	-
1.5) F-88 Light Weight Matting	A		-	-	2.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.6) AM-2 Shipping Containers ⁽¹⁾	A		5,814.81	108	0.628	9,000.00	28	0.252	10,064.52	93	0.936	-	-	-	-	-	-	-	-	-
1.7) AM-2 Accessory Packs (1) ⁽²⁾	A		-	-	4.057	-	-	18.435	-	-	19.164	-	-	0.640	-	-	-	-	-	0.640
1.8) Surfacing engineering change proposals	A		-	-	-	-	-	-	-	-	-	-	-	1.691	-	-	-	-	-	1.691
Subtotal 1) (SE010) EAF Surfacing Equipment						129.412		49.357		59.141		3.721		-			3.721			
2) (SE010) EAF Lighting Equipment																				
2.1) Man Portable Lights	A		-	-	33.459	-	-	3.297	-	-	4.330	-	-	1.550	-	-	-	-	-	1.550
2.2) Lighting Engineering Change Proposals	A		-	-	-	-	-	-	-	-	-	-	-	1.967	-	-	-	-	-	1.967
Subtotal 2) (SE010) EAF Lighting Equipment						33.459		3.297		4.330		3.517		-			3.517			
3) (SE0210) EAF Arresting Gear																				
3.1) M-31 Arresting Gear ⁽³⁾	A		-	-	10.822	-	-	0.825	-	-	1.478	-	-	-	-	-	-	-	-	-
3.2) M-31 Engineering Change Proposals	A		-	-	-	-	-	-	-	-	-	-	-	0.450	-	-	-	-	-	0.450
Subtotal 3) (SE0210) EAF Arresting Gear						10.822		0.825		1.478		0.450		-			0.450			
4) (SE800) Integrated Logistics Support																				
4.1) EAF Surfacing Equipment	A		-	-	2.324	-	-	0.575	-	-	0.561	-	-	0.204	-	-	-	-	-	0.204
4.2) EAF Lighting Equipment	A		-	-	2.191	-	-	0.020	-	-	0.110	-	-	0.106	-	-	-	-	-	0.106

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4208 - Expeditionary Airfields						Aggregated Item Name: Expeditionary Airfields								
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)
4.3) EAF Arresting Gear	A		-	-	2.171	-	-	0.020	-	-	0.055	-	-	0.036	-	-	-	-	-	0.036
Subtotal 4) (SE800) Integrated Logistics Support					6.686			0.615			0.726			0.346			-			0.346
5) (SE830) Production Engineering																				
5.1) EAF Surfacing Equipment	A		-	-	2.693	-	-	0.807	-	-	0.830	-	-	0.190	-	-	-	-	-	0.190
5.2) EAF Lighting Equipment	A		-	-	2.654	-	-	0.040	-	-	0.079	-	-	0.352	-	-	-	-	-	0.352
5.3) EAF Arresting Gear	A		-	-	2.643	-	-	0.018	-	-	0.070	-	-	0.063	-	-	-	-	-	0.063
Subtotal 5) (SE830) Production Engineering					7.990			0.865			0.979			0.605			-			0.605
6) (SE860) Acceptance Testing and Evaluation																				
6.1) EAF Surfacing Equipment	A		-	-	2.224	-	-	0.572	-	-	0.098	-	-	0.068	-	-	-	-	-	0.068
6.2) EAF Lighting Equipment	A		-	-	2.153	-	-	0.030	-	-	0.076	-	-	0.062	-	-	-	-	-	0.062
6.3) EAF Arresting Gear	A		-	-	2.103	-	-	-	-	-	0.050	-	-	0.023	-	-	-	-	-	0.023
Subtotal 6) (SE860) Acceptance Testing and Evaluation					6.480			0.602			0.224			0.153			-			0.153
Total					194.849			55.561			66.878			8.792			-			8.792
Footnotes:																				
(1) Note: 1.6 AM-2 Containers are requisitioned from U.S. Army. Award date is contingent upon the receipt of funds.																				
(2) Note: 1.7 AM-2 Accessory Packs and Man Portable Light Packs consists of multiple low priced items. There are several types of configurations that are procured each year; therefore, individual quantities are not provided for some Expeditionary equipment.																				
(3) Note: 3.1 M-31 Arresting Gear requirement remains valid. Beginning FY14, name is changed to M-31 Engineering Change Proporsals for continuous ongoing effort.																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4208 - Expeditionary Airfields						Aggregated Item Name: Expeditionary Airfields		
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) (SE010) EAF Surfacing Equipment												
1.1) AM-2 Matting (F71)		2012	ALFAB / Montgomery, AL	C / FFP	LKE	Mar 2012	Sep 2012	120	14,000.00	Y		Sep 2011
1.1) AM-2 Matting (F71)	✓	2012	ALFAB / Montgomery, AL	C / FFP	LKE	Feb 2012	May 2012	2,000	14,000.00	Y		Sep 2011
1.1) AM-2 Matting (F71)		2013	ALFAB / Montgomery, AL	C / FFP	LKE	May 2013	Aug 2013	130	15,000.00	Y		Sep 2011
1.1) AM-2 Matting (F71)	✓	2013	ALFAB / Montgomery, AL	C / FFP	LKE	May 2013	Aug 2013	2,230	15,000.00	Y		Sep 2011
1.1) AM-2 Matting (F71)		2014	ALFAB / Montgomery, AL	C / FFP	LKE	Feb 2014	May 2014	85	13,694.12	Y		Sep 2011
1.2) AM2-Matting (F72)		2014	ALFAB / Mountgomery, AL	C / FFP	LKE	Feb 2014	May 2014	30	7,100.00	Y		Sep 2011
1.3) AM-2 Matting (F73)		2014	ALFAB / Mountgomery, AL	C / FFP	LKE	Feb 2014	Aug 2014	1	13,000.00	Y		Sep 2011
1.4) F-87 Light Weight Matting		2012	Dechamps / Angouleme, France	C / IDIQ	LKE	Dec 2011	Apr 2013	90	11,000.00	Y		Feb 2007
1.4) F-87 Light Weight Matting		2013	Dechamps / Angouleme, France	C / IDIQ	LKE	Dec 2012	Apr 2013	90	11,000.00	Y		Dec 2011
1.4) F-87 Light Weight Matting	✓	2013	Dechamps / Angouleme, France	C / IDIQ	LKE	Dec 2012	Apr 2013	241	11,000.00	Y		Dec 2011
1.6) AM-2 Shipping Containers		2012	Various / US Army	MIPR	US Army	Dec 2011	Apr 2013	28	9,000.00	Y		
1.6) AM-2 Shipping Containers		2013	Various / US Army	MIPR	US Army	May 2013	Jul 2013	28	10,214.29	Y		
1.6) AM-2 Shipping Containers	✓	2013	Various / US Army	MIPR	US Army	May 2013	Jul 2013	65	10,000.00	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip					
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>	203.049	4.684	11.349	11.364	-	11.364	12.195	12.380	12.632	12.853	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	203.049	4.684	11.349	11.364	-	11.364	12.195	12.380	12.632	12.853	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	203.049	4.684	11.349	11.364	-	11.364	12.195	12.380	12.632	12.853	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>	-	0.111	0.057	0.047	-	0.047	0.004	-	-	-	-	0.219
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 funds the procurement of common Armament Support Equipment (ASE), and Weapons Support Equipment (WSE) under the procurement and inventory control of the Naval Inventory Control Point and the Naval Air Systems Command. This budget line supports: (a) initial outfitting for all in-production weapons systems; (b) procurement of new Support Equipment, and (c) procurement of replacement items for obsolete Support Equipment. These items support sustained operations and surge deployments of the CV battle groups. Shipboard/Shorebased WSE is utilized by weapons departments to handle, transport, and maintain weapons. Shipboard/Shorebased ASE is utilized by squadrons and supporting activities to load and service aircraft weapons and guns.												

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)
Acft Rearming Equip	P40A, P5A				203.049			4.684			11.349			11.364			-			11.364
Total Gross/Weapon System Cost					203.049			4.684			11.349			11.364			-			11.364

*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 provides funding to procure: MC Weapons Assembly Station, A/M32K-4A Munitions Trailer Replacement, A/M32U-21 Ordnance Trailer, MHU-191/M CILOP, A/F48T-6 OHE Test Stand CILOP, MHU-126/202 Trailer Replacement, Next Generation Handler (Ship) ADU-901/E, and associated support costs.	

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
FY13 provides funding to procure: MC Weapons Assembly Station, A/M32K-4A Munitions Trailer Replacement, A/M32U-21 Ordnance Trailer, MHU-191/M CILOP, A/F48T-6 OHE Test Stand CILOP, MHU-126/202 Trailer Replacement, Next Generation Handler (Ship) ADU-901/E, LALS Power Drive Tool, and associated support costs. FY12 provides funding to procure: MHU-191/M CILOP, A/F48T-6 OHE Test Stand CILOP, and associated support costs. Note: Elements of Cost in the "Prior Year" column include Nonrecurring Engineering (NRE).		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip							Aggregated Item Name: Acft Rearming 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) HARDWARE - Ordnance Assembly																				
1.1) SH000 - Prior Years (Various Hardware Items) ⁽¹⁾	A		-	-	75.851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) SH042 - MC WEAPONS ASSEMBLY STATION (A/E32K-11 LIFTING ASSLY)	B		1,176K	2	2.351	-	-	-	416,000.00	5	2.080	416,000.00	7	2.912	-	-	-	416,000.00	7	2.912
Subtotal 1) HARDWARE - Ordnance Assembly					78.202			-			2.080			2.912			-			2.912
2) HARDWARE - Ordnance Transport																				
2.1) SH030 - AERO-51B (MHU-227/M) TRAILER	A		19,976.74	301	6.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) SH036 - A/ M32K-4A MUN TRLR REPLACEMENT - (A/ M32K-10 MUN TRLR)	A		53,794.12	204	10.974	-	-	-	51,533.00	38	1.958	51,530.00	47	2.422	-	-	-	51,530.00	47	2.422
† 2.3) SH039 - A/ M32U-21 ORDNANCE TRAILER	B		714,500.00	2	1.429	-	-	-	123,493.00	7	0.864	128,697.00	7	0.901	-	-	-	128,697.00	7	0.901
2.4) SH040 - LGB WEAPONS ADAPTER - (ADU-895/E LGB)	A		3,705.88	884	3.276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.5) SH043 - MHU-191/M CILOP - MHU-191A/M MUN TRANSPORTER	B		-	-	-	5,290.00	100	0.529	5,172.00	331	1.712	5,260.00	281	1.478	-	-	-	5,260.00	281	1.478
† 2.6) SH044 - A/ F48T-6 OHE TEST STAND CILOP ⁽²⁾	B		-	-	-	611,000.00	1	0.611	100,000.00	5	0.500	100,000.00	5	0.500	-	-	-	100,000.00	5	0.500
† 2.7) SH045 - MHU-126/202 TRLR REPLACEMENT - (MHU-230/M)	B		-	-	-	-	-	-	40,000.00	4	0.160	20,000.00	9	0.180	-	-	-	20,000.00	9	0.180
Subtotal 2) HARDWARE - Ordnance Transport					21.692			1.140			5.194			5.481			-			5.481
3) HARDWARE - Ordnance Loading																				
3.1) SH033 - LALS II LOADER	A		-	-	36.312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) SH037 - NEXT GENERATION HANDLER (SHIP)	B		-	-	-	-	-	-	20,000.00	15	0.300	20,000.00	50	1.000	-	-	-	20,000.00	50	1.000

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip								Aggregated Item Name: Acft Rearming 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)
- ADU-901/E GHE ADAPTER																				
† 3.3) SH038 - LALS POWER DRIVE TOOL	B		-	-	-	-	-	-	10,000.00	100	1.000	-	-	-	-	-	-	-	-	-
3.4) SH046 - A/S32K-1E WEAPONS LOADER REPLACEMENT	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) HARDWARE - Ordnance Loading</i>					36.312			-			1.300			1.000			-			1.000
4) SH920 NON-RECURRING																				
4.1) Non-Recurring Prior Years	A		-	-	0.880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Ordnance Assembly	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Ordnance Transport	A		-	-	0.200	-	-	0.348	-	-	-	-	-	-	-	-	-	-	-	-
4.4) Ordnance Loading	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) SH920 NON-RECURRING</i>					1.080			0.348			-			-			-			-
5) SH010 ECP																				
5.1) ECP Prior Years	A		-	-	10.152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) Ordnance Assembly	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) Ordnance Transport	A		-	-	0.037	-	-	-	-	-	0.090	-	-	0.024	-	-	-	-	-	0.024
5.4) Ordnance Loading	A		-	-	0.049	-	-	0.322	-	-	0.089	-	-	0.017	-	-	-	-	-	0.017
<i>Subtotal 5) SH010 ECP</i>					10.238			0.322			0.179			0.041			-			0.041
6) SH800 ILS																				
6.1) ILS Prior Years	A		-	-	0.979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) Ordnance Assembly	A		-	-	0.150	-	-	0.096	-	-	0.227	-	-	0.175	-	-	-	-	-	0.175
6.3) Ordnance Transport	A		-	-	0.327	-	-	0.434	-	-	0.387	-	-	0.222	-	-	-	-	-	0.222
6.4) Ordnance Loading	A		-	-	0.306	-	-	0.189	-	-	0.289	-	-	0.231	-	-	-	-	-	0.231
<i>Subtotal 6) SH800 ILS</i>					1.762			0.719			0.903			0.628			-			0.628
7) SH830 Production Engineering																				
7.1) Production Engineering Prior Years	A		-	-	43.131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) Ordnance Assembly	A		-	-	0.287	-	-	0.272	-	-	0.273	-	-	0.212	-	-	-	-	-	0.212

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip								Aggregated Item Name: Acft Rearming 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)
7.3) Ordnance Transport	A		-	-	0.584	-	-	0.864	-	-	0.473	-	-	0.246	-	-	-	-	-	0.246
7.4) Ordnance Loading	A		-	-	0.340	-	-	0.344	-	-	0.345	-	-	0.282	-	-	-	-	-	0.282
Subtotal 7) SH830 Production Engineering					44.342			1.480			1.091			0.740			-			0.740
8) SH860 Acceptance Test & Eval																				
8.1) Acceptance Test & Eval Prior Years	A		-	-	8.884	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) Ordnance Assembly	A		-	-	0.128	-	-	0.128	-	-	0.124	-	-	0.149	-	-	-	-	-	0.149
8.3) Ordnance Transport	A		-	-	0.254	-	-	0.386	-	-	0.324	-	-	0.226	-	-	-	-	-	0.226
8.4) Ordnance Loading	A		-	-	0.155	-	-	0.161	-	-	0.154	-	-	0.187	-	-	-	-	-	0.187
Subtotal 8) SH860 Acceptance Test & Eval					9.421			0.675			0.602			0.562			-			0.562
Total					203.049			4.684			11.349			11.364			-			11.364

Footnotes:
 (1) SH000 - Prior Years includes FY1999 thru FY2009 of various hardware cost elements no longer funded in the current FYDP. These prior year costs were not included in the FY 2013 President's Budget submission. P-40A Prior Year Qtys are not reflected in the "Total Qty" column of the exhibit.
 (2) SH044 A/F48T-6 OHE TEST STAND - Reflects Sole Source Pricing.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip					Aggregated Item Name: Acft Rearming Equip			
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) HARDWARE - Ordnance Assembly												
1.2) SH042 - MC WEAPONS ASSEMBLY STATION (A/E32K-11 LIFTING ASSLY)		2013	NDI / THOROFARE, NJ	C / FFP	NAWCADLKE	Apr 2013	Oct 2013	5	416,000.00	Y		Mar 2010
1.2) SH042 - MC WEAPONS ASSEMBLY STATION (A/E32K-11 LIFTING ASSLY)		2014	NDI / THOROFARE, NJ	C / FFP	NAWCADLKE	Dec 2013	Jun 2014	7	416,000.00	Y		Mar 2010
2) HARDWARE - Ordnance Transport												
2.2) SH036 - A/M32K-4A MUN TRLR REPLACEMENT - (A/ M32K-10 MUN TRLR)		2010	CAROLINA GROWLER / STAR, NC	C / FFP	NAWCADLKE	Jul 2011	Mar 2012	32	78,500.00	Y		Nov 2010
2.2) SH036 - A/M32K-4A MUN TRLR REPLACEMENT - (A/ M32K-10 MUN TRLR)		2011	CAROLINA GROWLER / STAR, NC	C / FFP	NAWCADLKE	Jul 2011	Jan 2013	172	47,401.16	Y		Nov 2010
2.2) SH036 - A/M32K-4A MUN TRLR REPLACEMENT - (A/ M32K-10 MUN TRLR)		2013	CAROLINA GROWLER / STAR, NC	C / FFP	NAWCADLKE	Dec 2012	Apr 2014	38	51,533.00	Y		Nov 2010
2.2) SH036 - A/M32K-4A MUN TRLR REPLACEMENT - (A/ M32K-10 MUN TRLR)		2014	CAROLINA GROWLER / STAR, NC	C / FFP	NAWCADLKE	Dec 2013	Apr 2015	47	51,530.00	Y		Nov 2010
2.3) SH039 - A/M32U-21 ORDNANCE TRAILER		2010	CAROLINA GROWLER / Star NC	C / FFP	NAWCADLKE	Jul 2011	Oct 2012	2	714,500.00	Y		Nov 2010
2.3) SH039 - A/M32U-21 ORDNANCE TRAILER		2013	CAROLINA GROWLER / Star NC	C / FFP	NAWCADLKE	Apr 2013	Oct 2013	7	123,493.00	Y		Nov 2010
2.3) SH039 - A/M32U-21 ORDNANCE TRAILER		2014	CAROLINA GROWLER / Star NC	C / FFP	NAWCADLKE	Dec 2013	Jun 2014	7	128,697.00	Y		Nov 2010
2.5) SH043 - MHU-191/M CILOP - MHU-191A/M MUN TRANSPORTER		2012	SEFAC / SOLOMONS, MD	MIPR	NAWCADLKE	May 2012	Jan 2013	100	5,290.00	Y		Jun 2011
2.5) SH043 - MHU-191/M CILOP - MHU-191A/M MUN TRANSPORTER		2013	SEFAC / SOLOMONS, MD	MIPR	NAWCADLKE	Apr 2013	Dec 2013	331	5,172.00	Y		Jun 2011
2.5) SH043 - MHU-191/M CILOP - MHU-191A/M MUN TRANSPORTER		2014	SEFAC / SOLOMONS, MD	MIPR	NAWCADLKE	Jan 2014	Sep 2014	281	5,260.00	Y		Jun 2011
2.6) SH044 - A/F48T-6 OHE TEST STAND CILOP		2012 ⁽³⁾	Accurate Machine Company / Lancaster, CA	SS / FFP	NAWCADLKE	Jun 2012	Nov 2012	1	611,000.00	Y		Sep 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4214 - Acft Rearming Equip						Aggregated Item Name: Acft Rearming Equip		
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
2.6) SH044 - A/F48T-6 OHE TEST STAND CILOP		2013	Accurate Machine Company / Lancaster, CA	SS / FFP	NAWCADLKE	Mar 2013	Aug 2013	5	100,000.00	Y		Sep 2011
2.6) SH044 - A/F48T-6 OHE TEST STAND CILOP		2014	Accurate Machine Company / Lancaster, CA	SS / FFP	NAWCADLKE	Dec 2013	May 2014	5	100,000.00	Y		Sep 2011
2.7) SH045 - MHU-126/202 TRLR REPLACEMENT - (MHU-230/M)		2013	TBD / TBD	C / FFP	NAWCADLKE	Mar 2013	Oct 2013	4	40,000.00	Y		Sep 2012
2.7) SH045 - MHU-126/202 TRLR REPLACEMENT - (MHU-230/M)		2014	TBD / TBD	C / FFP	NAWCADLKE	Mar 2014	Oct 2014	9	20,000.00	Y		Sep 2012
3) HARDWARE - Ordnance Loading												
3.2) SH037 - NEXT GENERATION HANDLER (SHIP) - ADU-901/E GHE ADAPTER		2013	TBD / TBD	C / FFP	NAWCADLKE	Mar 2013	Sep 2013	15	20,000.00	Y		Jul 2012
3.2) SH037 - NEXT GENERATION HANDLER (SHIP) - ADU-901/E GHE ADAPTER		2014	TBD / TBD	C / FFP	NAWCADLKE	Mar 2014	Sep 2014	50	20,000.00	Y		Jul 2012
3.3) SH038 - LALS POWER DRIVE TOOL		2013	TBD / TBD	C / FFP	NAWCADLKE	Mar 2013	Sep 2013	100	10,000.00	Y		Jul 2012
Footnotes: ⁽³⁾ SH044 A/F48T-6 OHE TEST STAND - exceeds the simplified acquisition threshold as referenced in the Federal Acquisitions Regulations (FAR) FAR 19.203(c) and FAR 19.805-1(a); therefore, an evaluation was performed to determine the viability of awarding this contract effort to an 8(a) small business.												

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip			

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items: 0204112N				Other Related Program Elements: 0604512N			

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>	129.352	19.777	82.618	59.502	-	59.502	52.049	70.393	86.604	83.104	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	129.352	19.777	82.618	59.502	-	59.502	52.049	70.393	86.604	83.104	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	129.352	19.777	82.618	59.502	-	59.502	52.049	70.393	86.604	83.104	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>	-	0.014	3.694	9.536	-	9.536	0.360	0.273	0.055	6.405	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 Aircraft Launch and Recovery Equipment (ALRE) program provides for the procurement of aircraft launch, recovery, visual landing aids, and related information systems as well as ancillary items required for installation aboard aircraft carriers, air capable combatant vessels, amphibious assault ships and shore stations. Procurements are initiated due to a variety of reasons including fleet-generated reports associated with safe and reliable operations of existing equipment, support of fixed and rotary wing aircraft on Air Capable Ships, and maintaining reliability, availability and maintainability of ALRE equipment.

As needs are identified, Engineering Change Proposals (ECPs) are generated and processed via a Configuration Control Board. Once approved, the ECP final product is a service change kit. These kits are identified for installation aboard applicable ships as well as shore-based installations in the ECP. Major shipboard equipment items are generally installed by shipyard personnel, alteration installation teams or fleet readiness centers voyage repair teams during routine or restricted availabilities of the various ships. Service change kits support corrective actions that result from changes in operational conditions, obsolescence, and improvements in reliability, availability and maintainability.

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)
Air Launch & Recovery Equip	P40A				46.005			9.621			16.101			21.460			-			21.460
1 - Moriah Wind System - ACS SJ263	P3A				2.334			-			-			5.177			-			5.177

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items: 0204112N					Other Related Program Elements: 0604512N									

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)
2 - Advanced Recovery Control System - CVN (SJ280)	P3A				65.959			-			-			-			-			-
3 - Advanced Arresting Gear (SJ301)	P3A				0.000			1.400			57.438			12.151			-			12.151
4 - ADMACS Block Upgrade (SJ302)	P3A				15.054			8.756			9.079			13.536			-			13.536
5 - ALRE Service Life Management Plan (SJ304)	P3A				0.000			-			-			7.178			-			7.178
Total Gross/Weapon System Cost					129.352			19.777			82.618			59.502			-			59.502

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)
Air Launch & Recovery Equip	P40A				-			-			-			-			-			-
1 - Moriah Wind System - ACS SJ263	P3A				6.549			4.086			7.190			8.037			185.884			219.257
2 - Advanced Recovery Control System - CVN (SJ280)	P3A				-			-			-			-			-			65.959
3 - Advanced Arresting Gear (SJ301)	P3A				11.789			6.249			2.289			2.352			89.091			182.759
4 - ADMACS Block Upgrade (SJ302)	P3A				6.091			5.372			-			-			-			57.888
5 - ALRE Service Life Management Plan (SJ304)	P3A				8.363			15.084			38.099			34.576			119.536			222.836
Total Gross/Weapon System Cost					52.049			70.393			86.604			83.104	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:

Advanced Recovery Control System

The Advanced Recovery Control (ARC) system provides a recovery control and monitoring function. The ARC system replaces the Mark 7 (MK-7) arresting gear Constant Run-out Valve Mechanical Actuator components and chain drive system with a computer controlled hydraulic operator. The ARC system also replaces the manually operated retract levers at the arresting gear deck edge station and associated cable system with an electronically controlled electro-hydrostatic actuator system for each engine. The ARC / Cross Check system provides the aircraft type selected for recovery, arresting gear engine status, Improved Fresnel Lens Optical Landing System (IFLOLS) status, the targeted arresting gear wire, clear deck / foul deck status, headwind / crosswind advisory, arresting gear and IFLOLS crosscheck indication.

Advanced Arresting Gear

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0204112N	Other Related Program Elements: 0604512N
MDAP/MAIS Code(s): Advanced Arresting Gear (AAG) will replace the legacy MK-7 arresting gear aboard Ford class aircraft carriers. AAG will provide the U.S. Navy with the ability to recover existing and projected aircraft carrier based air vehicles well into the 21st century. AAG will provide increased operational availability, while reducing manning, maintenance and support costs. Service Life Management Plan A new start in FY14, the Aircraft Launch and Recovery Equipment Service Life Extension Program will provide for the organic engineering efforts, in-house government manufacturing of production hardware and installation of new kits in order to restore safety margins and correct unanticipated life-cycle deficiencies for the legacy C-13 catapult and MK-7 arresting gear. Inspections have discovered cracks on the arresting gear cross-head. There are no spare cross-heads in the inventory and the hardware dies used to manufacture new cross-heads no longer exist. Information Systems Aircraft Launch and Recovery Equipment Information Systems provide critical information systems that assist in the launch, recovery, and monitoring of shipboard aircraft as well as interfaces to other shipboard information systems, to include the following: Moriah Wind System Moriah Wind System (MWS) provides digital wind speed and direction information, including crosswind and headwind, to support decision-making for air operations, combat, navigation, tactical planning, and weapons employment and firefighting. MWS replaces the Type F Wind Measuring and Indicating System. In addition, MWS displays Aircraft Recovery Bulletins, Launch and Recovery Envelopes and Vertical Short Take-off and Landing Bulletin Data. MWS consists of wind sensor units, a redundant wind processor unit, high-end displays and low-end displays. Aviation Data Management and Control System The Aviation Data Management and Control System (ADMACS) is an integrated, network-centric, shipboard aviation operations information management system, which will provide data required for aircraft carriers aviation operations planning, execution and readiness assessment. ADMACS communicates aviation and command related data elements across the ADMACS Local Area Network and Integrated Shipboard Network System that electronically displays position and location of aircraft on the flight and hangar decks, status of aircraft, aircraft launch and recovery equipment, fuel, weapons types and quantity as well as a wide variety of other aviation related and ship information. Service Change Kits 1) The quantities/funding shown in the budget in cost code SJ040 on the P40A are combinations of several planned hardware upgrades to a variety of Aircraft Launch and Recovery Systems, as such, there is no true representation of unit costs for a specific fiscal year. Additionally, in some years it may fund a single large upgrade or many small upgrades. 2) The Recurring Engineering Support sub-element (1.5) is for Non-Level of Effort Organic Labor at NAWCAD Lakehurst directly supporting the manufacture of hardware, assembly kits and installation kits for many of the service changes. 3) For FY13, notable Service Changes Kits will be Improved Fresnel Lens Optical Landing System Phase 4, Low Loss Launch Valve Semi Auto Lube, Landing Signal Officer Display System, Display Data Control Processor and Advance Lighting System - Control Panel Set. 4) For FY14, notable Service Change Kits will be Improved Fresnel Lens Optical Landing System Phase 4, Advance Lighting System - Control Panel Set, Integrated Launch and Recovery Television Surveillance System Integrated Catapult Control System (ICCS) Monitor, Hydraulic Fluid Filtration, Advanced Recovery Control (ARC) System Linear Variable Differential Transformer, ARC Retract Control Valve Redesign, Hydraulic Lock Due to Deadband, Water Brake Planned Maintenance System Without Water, Low Loss Launch Valve Semi Auto Lube, ICCS Limit Switches.		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip						Aggregated Item Name: Air Launch & Recovery Equip ⁽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) SJ040 - Service Change Kits																				
1.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	2.220	-	-	-	-	-	2.220
1.2) Visual Landing Aids	A		-	-	3.705	-	-	0.999	-	-	2.132	-	-	2.734	-	-	-	-	-	2.734
1.3) Launcher	A		-	-	1.427	-	-	0.513	-	-	0.888	-	-	1.640	-	-	-	-	-	1.640
1.4) Recovery	A		-	-	2.513	-	-	1.187	-	-	2.902	-	-	2.454	-	-	-	-	-	2.454
1.5) Recurring Engineering Support	A		-	-	-	-	-	2.491	-	-	5.467	-	-	5.782	-	-	-	-	-	5.782
Subtotal 1) SJ040 - Service Change Kits					7.645			5.190			11.389			14.830			-			14.830
2) SJ261 - MWS																				
2.1) MWS - L Class	A		-	-	5.638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) SJ261 - MWS					5.638			-			-			-			-			-
3) SJ281 - ARC																				
3.1) ARC Shorebased	A		-	-	4.844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) SJ281 - ARC					4.844			-			-			-			-			-
4) SJ800 - Integrated Logistics																				
4.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	0.076
4.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	0.260	-	-	-	-	-	0.260
4.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	0.125	-	-	-	-	-	0.125
4.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	0.054	-	-	-	-	-	0.054
4.5) Service Change Kits	A		-	-	0.061	-	-	0.155	-	-	0.182	-	-	-	-	-	-	-	-	-
4.6) MWS (L Class)	A		-	-	0.961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) ARC Shorebased	A		-	-	5.220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) SJ800 - Integrated Logistics					6.242			0.155			0.182			0.515			-			0.515
5) SJ830 - Production Engineering																				
5.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	0.481	-	-	-	-	-	0.481
5.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	0.511	-	-	-	-	-	0.511
5.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	0.348	-	-	-	-	-	0.348
5.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	0.794	-	-	-	-	-	0.794
5.5) Service Change Kits	A		-	-	1.042	-	-	0.908	-	-	1.115	-	-	-	-	-	-	-	-	-
5.6) MWS (L Class)	A		-	-	3.382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip										Aggregated Item Name: Air Launch & Recovery Equip ⁽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)
Subtotal 5) SJ830 - Production Engineering					4.424			0.908			1.115			2.134			-			2.134
6) SJ860 - Acceptance Test & Eval																				
6.1) Information Systems	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) Visual Landing Aids	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) Launcher	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) Recovery	A		-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) SJ860 - Acceptance Test & Eval					0.050			-			-			-			-			-
7) SJ900 - Installation - Non FMP																				
7.1) Installation - Non FMP	A		-	-	6.445	-	-	2.191	-	-	2.279	-	-	-	-	-	-	-	-	-
7.2) Information Systems	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	0.850	-	-	-	-	-	0.850
7.4) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	0.040
7.5) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	0.604	-	-	-	-	-	0.604
Subtotal 7) SJ900 - Installation - Non FMP					6.445			2.191			2.279			1.494			-			1.494
8) SJ910 - Installation - FMP																				
8.1) Installation - FMP	A		-	-	10.717	-	-	1.177	-	-	1.136	-	-	-	-	-	-	-	-	-
8.2) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	1.200	-	-	-	-	-	1.200
8.3) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	0.198	-	-	-	-	-	0.198
8.4) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	0.452	-	-	-	-	-	0.452
8.5) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	0.637	-	-	-	-	-	0.637
Subtotal 8) SJ910 - Installation - FMP					10.717			1.177			1.136			2.487			-			2.487
Total					46.005			9.621			16.101			21.460			-			21.460

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment					P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip										Aggregated Item Name: Air Launch & Recovery Equip ⁽¹⁾					
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) SJ040 - Service Change Kits																				
1.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Recurring Engineering Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) SJ040 - Service Change Kits</i>					-			-			-			-			-			-
2) SJ261 - MWS																				
2.1) MWS - L Class	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) SJ261 - MWS</i>					-			-			-			-			-			-
3) SJ281 - ARC																				
3.1) ARC Shorebased	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) SJ281 - ARC</i>					-			-			-			-			-			-
4) SJ800 - Integrated Logistics																				
4.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5) Service Change Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) MWS (L Class)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) ARC Shorebased	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) SJ800 - Integrated Logistics</i>					-			-			-			-			-			-
5) SJ830 - Production Engineering																				
5.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) Service Change Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.6) MWS (L Class)	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip							Aggregated Item Name: Air Launch & Recovery Equip ⁽¹⁾					
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 5) SJ830 - Production Engineering					-			-			-			-			-			-
6) SJ860 - Acceptance Test & Eval																				
6.1) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) SJ860 - Acceptance Test & Eval					-			-			-			-			-			-
7) SJ900 - Installation - Non FMP																				
7.1) Installation - Non FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.4) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) SJ900 - Installation - Non FMP					-			-			-			-			-			-
8) SJ910 - Installation - FMP																				
8.1) Installation - FMP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) Information Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.3) Visual Landing Aids	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.4) Launcher	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.5) Recovery	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) SJ910 - Installation - FMP					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes:																				
⁽¹⁾ 1) The quantities/funding shown in the budget in cost code SJ040 are combinations of several planned hardware upgrades to a variety of Aircraft Launch and Recovery Systems, as such, there is no true representation of unit costs for a specific fiscal year. Additionally, in some years it may fund a single large upgrade or many small upgrades. 2) The Recurring Engineering Support sub-element (1.5) is for Non-Level of Effort Organic Labor at NAWCAD Lakehurst directly supporting the manufacture of hardware, assembly kits and installation kits for many of the service changes. 3) For FY13, notable Service Changes Kits will be Improved Fresnel Lens Optical Landing System Phase 4, Low Loss Launch Valve Semi Auto Lube, Landing Signal Officer Display System, Display Data Control Processor and Advance Lighting System - Control Panel Set. 4) For FY14, notable Service Change Kits will be Improved Fresnel Lens Optical Landing System Phase 4, Advance Lighting System - Control Panel Set, Integrated																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip	Aggregated Item Name: Air Launch & Recovery Equip ⁽¹⁾
Launch and Recovery Television Surveillance System Integrated Catapult Control System (ICCS) Monitor, Hydraulic Fluid Filtration, Advanced Recovery Control (ARC) System Linear Variable Differential Transformer, ARC Retract Control Valve Redesign, Hydraulic Lock Due to Deadband, Water Brake Planned Maintenance System Without Water, Low Loss Launch Valve Semi Auto Lube, ICCS Limit Switches.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip					Modification Nomenclature (Modification Number - Modification Title): 1 - Moriah Wind System - ACS SJ263				
Models of Systems Affected: Air Capable Ships			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N				
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)	2.334	-	-	5.177	-	5.177	6.549	4.086	7.190	8.037	185.884	219.257
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.334	-	-	5.177	-	5.177	6.549	4.086	7.190	8.037	185.884	219.257
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.334	-	-	5.177	-	5.177	6.549	4.086	7.190	8.037	185.884	219.257
(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: Moriah Wind System (MWS) provides digital wind speed and direction information, including crosswind and headwind, to support decision-making for air operations, combat, navigation, tactical planning, weapons employment and firefighting. The MWS replaces the current Type F Wind Measuring and Indicating System, providing a single wind measuring system, consistent across all ship classes and shore stations. In addition, MWS displays Aircraft Recovery Bulletins, Launch and Recovery Envelopes and Vertical Short Take-off and Landing Bulletin Data. MWS consists of wind sensor units, a redundant wind processor unit, high-end displays and low-end displays.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip				Modification Nomenclature (Modification Number - Modification Title): 1 - Moriah Wind System - ACS SJ263				
Models of Systems Affected: Air Capable Ships			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N				
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												
Moriah Wind System - ACS SJ263												
B Kits												
Recurring												
2.1.1) Installation Kits - NonOrganic ⁽²⁾	3 / 0.958	- / -	- / -	6 / 2.400	- / -	6 / 2.400	- / -	7 / 2.912	- / -	7 / 2.912	103 / 47.590	126 / 56.772
Subtotal Recurring	3 / 0.958	- / -	- / -	6 / 2.400	- / -	6 / 2.400	- / -	7 / 2.912	- / -	7 / 2.912	103 / 47.590	126 / 56.772
Total, Moriah Wind System - ACS SJ263	3 / 0.958	- / -	- / -	6 / 2.400	- / -	6 / 2.400	- / -	7 / 2.912	- / -	7 / 2.912	103 / 47.590	126 / 56.772
Total Procurement, All Modifications	3 / 0.958	- / -	- / -	6 / 2.400	- / -	6 / 2.400	- / -	7 / 2.912	- / -	7 / 2.912	103 / 47.590	126 / 56.772
Support												
3.1) ILS	- / 0.190	- / -	- / -	- / 0.297	- / -	- / 0.297	- / 0.251	- / 0.280	- / 0.277	- / 0.300	- / 7.810	- / 9.405
3.2) PE	- / 0.715	- / -	- / -	- / 1.141	- / -	- / 1.141	- / 1.425	- / 0.894	- / 1.813	- / 3.486	- / 27.500	- / 36.974
3.3) Other	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.905	-	-	1.438	-	1.438	1.676	1.174	2.090	3.786	35.310	46.379
Total Procurement and Support	1.863	-	-	3.838	-	3.838	1.676	4.086	2.090	6.698	82.900	103.151
Moriah Wind System - ACS SJ263 Installation Cost	- / 0.471	- / -	- / -	- / 1.339	- / -	- / 1.339	- / 4.873	- / -	- / 5.100	- / 1.339	- / 102.984	- / 116.106
Total Installation Cost	- / 0.471	- / -	- / -	- / 1.339	- / -	- / 1.339	- / 4.873	- / -	- / 5.100	- / 1.339	- / 102.984	- / 116.106
Total Cost (Procurement + Support + Installation)	2.334	-	-	5.177	-	5.177	6.549	4.086	7.190	8.037	185.884	219.257

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Moriah Wind System - ACS SJ263															
Models of Systems Affected: Air Capable Ships				Type Modification: Increase Capability								Related RDT&E PEs: 0604512N																			
Manufacturer Information: Moriah Wind System - ACS SJ263																															
Manufacturer Name: Quality Performance Inc														Manufacturer Location: Fredericksburg, 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										Dec 2013																					
Delivery Dates										Dec 2014																					
Installation: Moriah Wind System - ACS SJ263								Method of Implementation: Shipyard/AIT										Installation Name: Installation 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		3 / 0.471		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.471					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / 1.339		- / -		- / 1.339		6 / 4.873		- / -		- / -		- / -		- / -		- / -		6 / 6.212					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 5.100		- / 1.339		- / -		- / -		7 / 6.439					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 5.100		7 / 5.100					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		103 / 97.884		103 / 97.884					
Total		3 / 0.471		- / -		- / -		- / 1.339		- / -		- / 1.339		6 / 4.873		- / -		7 / 5.100		- / 1.339		110 / 102.984		126 / 116.106		126 / 116.106					
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	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	6	1	-	-	-	-	-	-	110	126
Out	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	6	1	-	-	-	110	126
Footnotes: ⁽²⁾ FY12/FY13/FY15/FY17 Moriah Wind System (MWS) will be funded by other customer funds, therefore no production break. MWS has advance planning costs for installation, which occur 1 year prior to actual install showing a quantity of 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Advanced Recovery Control System - CVN (SJ280)				
Models of Systems Affected: MK Mod 2,3 & 4			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N				
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>)	65.959	-	-	-	-	-	-	-	-	-	-	65.959
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	65.959	-	-	-	-	-	-	-	-	-	-	65.959
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	65.959	-	-	-	-	-	-	-	-	-	-	65.959
<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 Advanced Recovery Control (ARC) system provides a recovery control and monitoring function. The ARC system replaces the Mark 7 arresting gear constant run-out valve mechanical actuator components and chain drive system with a computer controlled hydraulic operator. The ARC system also replaces the manually operated retract levers at the arresting gear deck edge station and associated cable system with an electronically controlled electro-hydrostatic actuator system for each engine. The ARC/Cross Check system provides the aircraft type selected for recovery, arresting gear engine status, Improved Fresnel Lens Optical Landing System (IFLOLS) status, the targeted arresting gear wire, Clear deck/Foul deck status, Headwind/Crosswind advisory, arresting gear and IFLOLS crosscheck indication.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip					Modification Nomenclature (Modification Number - Modification Title): 2 - Advanced Recovery Control System - CVN (SJ280)				
Models of Systems Affected: MK Mod 2,3 & 4			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N					
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													
Advanced Recovery Control System - CVN (SJ280)													
B Kits													
Recurring													
2.1.1) Installation Kits - NonOrganic	38 / 40.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 40.990	
Subtotal Recurring	38 / 40.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 40.990	
Total, Advanced Recovery Control System - CVN (SJ280)	38 / 40.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 40.990	
Total Procurement, All Modifications	38 / 40.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 40.990	
Support													
3.1) ILS	- / 3.951	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.951	
3.2) PE	- / 9.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.260	
3.3) Other	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	13.211	-	-	-	-	-	-	-	-	-	-	13.211	
Total Procurement and Support	54.201	-	-	-	-	-	-	-	-	-	-	54.201	
Advanced Recovery Control System - CVN (SJ280) Installation Cost	- / 11.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.758	
Total Installation Cost	- / 11.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.758	
Total Cost (Procurement + Support + Installation)	65.959	-	-	-	-	-	-	-	-	-	-	65.959	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Advanced Recovery Control System - CVN (SJ280)											
Models of Systems Affected: MK Mod 2,3 & 4					Type Modification: Increase Capability										Related RDT&E PEs: 0604512N																
Manufacturer Information: Advanced Recovery Control System - CVN (SJ280)																															
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: Advanced Recovery Control System - CVN (SJ280)										Method of Implementation: Shipyard/AIT										Installation Name: Installation 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		38 / 11.758		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		38 / 11.758					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		38 / 11.758		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		38 / 11.758					
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	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
Out	33	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip				Modification Nomenclature (Modification Number - Modification Title): 3 - Advanced Arresting Gear (SJ301)				
Models of Systems Affected: MK-7 legacy - Shorebased			Type Modification: Advanced Arresting Gear (SJ301)					Related RDT&E PEs: 0604512N				
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	1.400	57.438	12.151	-	12.151	11.789	6.249	2.289	2.352	89.091	182.759
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	1.400	57.438	12.151	-	12.151	11.789	6.249	2.289	2.352	89.091	182.759
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	1.400	57.438	12.151	-	12.151	11.789	6.249	2.289	2.352	89.091	182.759
(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: Advanced Arresting Gear (AAG) will replace the legacy Mark 7 arresting gear aboard Ford class aircraft carriers. AAG will provide the U.S. Navy with the ability to recover existing and projected aircraft carrier based air vehicles well into the 21st century. AAG will provide increased operational availability, while reducing manning, maintenance and support costs.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Advanced Arresting Gear (SJ301)	
Models of Systems Affected: MK-7 legacy - Shorebased		Type Modification: Advanced Arresting Gear (SJ301)			

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												
Advanced Arresting Gear (SJ301)												
B Kits												
Recurring												
2.1.1) Installation Kits - NonOrganic ⁽³⁾	- / -	- / -	1 / 55.232	- / 5.778	- / -	- / 5.778	1 / 3.754	1 / 2.078	- / -	- / -	1 / 72.183	4 / 139.025
<i>Subtotal Recurring</i>	- / -	- / -	1 / 55.232	- / 5.778	- / -	- / 5.778	1 / 3.754	1 / 2.078	- / -	- / -	1 / 72.183	4 / 139.025
<i>Total, Advanced Arresting Gear (SJ301)</i>	- / -	- / -	1 / 55.232	- / 5.778	- / -	- / 5.778	1 / 3.754	1 / 2.078	- / -	- / -	1 / 72.183	4 / 139.025
<i>Total Procurement, All Modifications</i>	- / -	- / -	1 / 55.232	- / 5.778	- / -	- / 5.778	1 / 3.754	1 / 2.078	- / -	- / -	1 / 72.183	4 / 139.025
Support												
3.1) ILS	- / -	- / 0.083	- / 0.500	- / 0.507	- / -	- / 0.507	- / 0.515	- / 0.523	- / 0.242	- / 0.462	- / 1.747	- / 4.579
3.2) PE	- / -	- / 1.317	- / 1.706	- / 5.866	- / -	- / 5.866	- / 2.818	- / 3.648	- / 1.120	- / 1.573	- / 7.157	- / 25.205
3.3) Other	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	0.000	1.400	2.206	6.373	-	6.373	3.333	4.171	1.362	2.035	8.904	29.784
<i>Total Procurement and Support</i>	0.000	1.400	57.438	12.151	-	12.151	7.087	6.249	1.362	2.035	81.087	168.809
Advanced Arresting Gear (SJ301) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 4.702	- / -	- / 0.927	- / 0.317	- / 8.004	- / 13.950
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 4.702	- / -	- / 0.927	- / 0.317	- / 8.004	- / 13.950
Total Cost (Procurement + Support + Installation)	0.000	1.400	57.438	12.151	-	12.151	11.789	6.249	2.289	2.352	89.091	182.759

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Advanced Arresting Gear (SJ301)															
Models of Systems Affected: MK-7 legacy - Shorebased								Type Modification: Advanced Arresting Gear (SJ301)								Related RDT&E PEs: 0604512N															
Manufacturer Information: Advanced Arresting Gear (SJ301)																															
Manufacturer Name: General Atomics														Manufacturer Location: San Diego, CA																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 19																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Jun 2013																									
Delivery Dates						Jan 2015																									
Installation: Advanced Arresting Gear (SJ301)														Method of Implementation: Contractor										Installation Name: Installation 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		- / -		- / -		- / -		- / -		- / -		- / -		1 / 4.702		- / -		- / -		- / -		- / -		- / -		1 / 4.702					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.927		- / -		- / -		- / -		1 / 0.927					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.317		- / -		- / -		1 / 0.317					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 8.004		1 / 8.004		1 / 8.004					
Total		- / -		- / -		- / -		- / -		- / -		- / -		1 / 4.702		- / -		1 / 0.927		1 / 0.317		1 / 8.004		4 / 13.950		4 / 13.950					
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	4
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	1	4
Footnotes: ⁽³⁾ FY13 procures a complete "1 wire" AAG system with all the supporting subsystems for installation at the Jet Car Track Site in Lakehurst, NJ.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip					Modification Nomenclature (Modification Number - Modification Title): 4 - ADMACS Block Upgrade (SJ302)				
Models of Systems Affected: ADMACS Block 2			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N				
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)	15.054	8.756	9.079	13.536	-	13.536	6.091	5.372	-	-	-	57.888
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.054	8.756	9.079	13.536	-	13.536	6.091	5.372	-	-	-	57.888
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.054	8.756	9.079	13.536	-	13.536	6.091	5.372	-	-	-	57.888
(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 Aviation Data Management and Control System (ADMACS) is an integrated, network-centric, shipboard aviation operations information management system, which will provide data required for aircraft carriers aviation operations planning, execution and readiness assessment. ADMACS communicates aviation and command related data elements across the ADMACS Local Area Network and Integrated Shipboard Network System that electronically displays position and location of aircraft on the flight and hangar decks, status of aircraft, Aircraft Launch and Recovery Equipment, fuel, weapons types and quantity as well as a wide variety of other aviation related and ship information.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip				Modification Nomenclature (Modification Number - Modification Title): 4 - ADMACS Block Upgrade (SJ302)					
Models of Systems Affected: ADMACS Block 2			Type Modification: Increase Capability					Related RDT&E PEs: 0604512N					
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													
ADMACS Block Upgrade (SJ302)													
B Kits													
Recurring													
2.1.1) Installation Kits - NonOrganic ⁽⁴⁾	3 / 6.286	1 / 3.187	1 / 3.282	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 12.755	
Subtotal Recurring	3 / 6.286	1 / 3.187	1 / 3.282	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 12.755	
Total, ADMACS Block Upgrade (SJ302)	3 / 6.286	1 / 3.187	1 / 3.282	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 12.755	
Total Procurement, All Modifications	3 / 6.286	1 / 3.187	1 / 3.282	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 12.755	
Support													
3.1) ILS	- / 0.631	- / 0.272	- / 0.176	- / 0.500	- / -	- / 0.500	- / 0.500	- / 0.500	- / -	- / -	- / -	- / 2.579	
3.2) PE ⁽⁵⁾	- / 2.921	- / 1.399	- / 1.015	- / 12.936	- / -	- / 12.936	- / 5.591	- / 4.872	- / -	- / -	- / -	- / 28.734	
3.3) Other	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	3.552	1.671	1.191	13.436	-	13.436	6.091	5.372	-	-	-	31.313	
Total Procurement and Support	9.838	4.858	4.473	13.436	-	13.436	6.091	5.372	-	-	-	44.068	
ADMACS Block Upgrade (SJ302) Installation Cost	- / 5.216	- / 3.898	- / 4.606	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 13.820	
Total Installation Cost	- / 5.216	- / 3.898	- / 4.606	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 13.820	
Total Cost (Procurement + Support + Installation)	15.054	8.756	9.079	13.536	-	13.536	6.091	5.372	-	-	-	57.888	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - ADMACS Block Upgrade (SJ302)									
Models of Systems Affected: ADMACS Block 2					Type Modification: Increase Capability										Related RDT&E PEs: 0604512N														
Manufacturer Information: ADMACS Block Upgrade (SJ302)																													
Manufacturer Name: Chugach Alaska Corp.													Manufacturer Location: Chesapeake, VA																
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				Dec 2012																							
Delivery Dates		Sep 2012				Sep 2013																							

Installation: ADMACS Block Upgrade (SJ302)										Method of Implementation: Shipyard/AIT										Installation Name: Installation 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>																	
All Prior Years	2 / 5.216	1 / 3.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 8.791																	
FY 2012	- / -	- / 0.323	1 / 4.606	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.929																	
FY 2013	- / -	- / -	- / -	1 / 0.100	- / -	1 / 0.100	- / -	- / -	- / -	- / -	- / -	1 / 0.100																	
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	2 / 5.216	1 / 3.898	1 / 4.606	1 / 0.100	- / -	1 / 0.100	- / -	- / -	- / -	- / -	- / -	5 / 13.820																	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	2	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Footnotes:
⁽⁴⁾ AP is advanced planning for installation.
⁽⁵⁾ The production engineering increase from FY13 to FY14 is driven by the ADMACS program increased efforts on Obsolescence ECPs in support of carriers and Information Assurance compliance in adherence to Cyber Security mandates.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip					Modification Nomenclature (Modification Number - Modification Title): 5 - ALRE Service Life Management Plan (SJ304)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0604512N				
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	-	-	7.178	-	7.178	8.363	15.084	38.099	34.576	119.536	222.836
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	7.178	-	7.178	8.363	15.084	38.099	34.576	119.536	222.836
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	7.178	-	7.178	8.363	15.084	38.099	34.576	119.536	222.836
(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 Aircraft Launch and Recovery Equipment (ALRE) Service Life Extension Program (SLEP) will provide for the organic engineering efforts, in-house government manufacturing of production hardware and installation of new kits in order to restore safety margins and correct unanticipated life-cycle deficiencies for the legacy C-13 catapult and Mark-7 (MK-7) arresting gear. Inspections have discovered cracks on the arresting gear cross-head. There are no spare cross-heads in the inventory and the hardware dies used to manufacture new cross-heads no longer exist.												
The Service Life Management Program (SLMP), currently identifies redesigning and producing five deficient ALRE components under the SLEP including: C-13 Catapult Improved Piston Assembly Spear Re-contour, MK-7 Arresting Gear Crosshead, MK-7 Fixed Sheave, MK-7 Advanced Purchase Cable and MK-7 Main Engine Cylinder.												
Footnote: The SLMP program will utilize the 2-step Engineering Change Proposal (ECP) process which will conduct Non-Recurring Engineering efforts prior to the formal ECP approval in FY14-FY16.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip						Modification Nomenclature (Modification Number - Modification Title): 5 - ALRE Service Life Management Plan (SJ304)			
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604512N					
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													
ALRE Service Life Management Plan (SJ304)													
B Kits													
Recurring													
2.1.1) Installation Kits - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 21.945	27 / 15.710	- / 61.203	51 / 98.858	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 21.945	27 / 15.710	- / 61.203	51 / 98.858	
Total, ALRE Service Life Management Plan (SJ304)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 21.945	27 / 15.710	- / 61.203	51 / 98.858	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 21.945	27 / 15.710	- / 61.203	51 / 98.858	
Support													
3.1) ILS	- / -	- / -	- / -	- / 0.108	- / -	- / 0.108	- / 0.120	- / 0.121	- / 0.230	- / 0.130	- / 0.771	- / 1.480	
3.2) PE	- / -	- / -	- / -	- / 7.070	- / -	- / 7.070	- / 8.243	- / 14.963	- / 15.924	- / 18.736	- / -	- / 64.936	
3.3) Other	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	7.178	-	7.178	8.363	15.084	16.154	18.866	0.771	66.416	
Total Procurement and Support	0.000	-	-	7.178	-	7.178	8.363	15.084	38.099	34.576	61.974	165.274	
ALRE Service Life Management Plan (SJ304) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 57.562	- / 57.562	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 57.562	- / 57.562	
Total Cost (Procurement + Support + Installation)	0.000	-	-	7.178	-	7.178	8.363	15.084	38.099	34.576	119.536	222.836	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4216 - Acft Launch & Recovery Equip			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - ALRE Service Life Management Plan (SJ304)		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0604512N

Manufacturer Information: ALRE Service Life Management Plan (SJ304)

Manufacturer Name: NAWCAD Lakehurst	Manufacturer Location: Lakehurst, NJ

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							
Delivery Dates							

Installation: ALRE Service Life Management Plan (SJ304)	Method of Implementation: [none specified]	Installation Name: Installation 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 22.656	24 / 22.656
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 34.906	27 / 34.906
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 57.562	51 / 57.562

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	51	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	51	

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4226 - Meteorological Equipment					
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>)	5.265	30.278	18.339	19.118	-	19.118	19.107	20.297	19.429	21.303	-	153.136
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	5.265	30.278	18.339	19.118	-	19.118	19.107	20.297	19.429	21.303	-	153.136
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	5.265	30.278	18.339	19.118	-	19.118	19.107	20.297	19.429	21.303	-	153.136
<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>)	-	1.237	-	1.077	-	1.077	1.172	1.166	0.983	1.107	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:

This item provides new and replacement meteorological equipment for Navy and Marine Corps Air Stations, Navy ships, USMC Operational Forces units and other activities required to provide weather observations and provide safety of flight capabilities. The procurement has been coordinated with other DOD and civilian agencies. Equipment is funded under the following programs:

[P40A / SP051 Satellite Receiver Upgrades (Space)]: Environmental satellite receivers used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the Joint Polar-orbiting Satellite System (JPSS) formerly National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GEOSAT), and the GEOSAT Follow-On satellite. The evolutionary upgrades will enhance weather service capabilities to receive and pre-process additional environmental satellite data, comply with open systems architecture standards, and provide for antenna and processor replacement. Specifically, in the remote sensing efforts, integration of next generation of polar orbiting satellite families and new sensors of opportunity are incorporated in hardware design and software development into existing systems.

[P40A / SP200 Hazardous Weather Detection & Display Capability (HWDDC)]: The HWDDC provides near real-time severe weather information (thunderstorms, high winds, turbulence, etc.) to ship personnel. HWDDC is a key safety of aviation and navigation enabler and also supports efficient planning and execution of aircraft and small boat launch/recovery operations. The HWDDC technology is integrated with the AN/SPS-48E, & the next generation AN/SPS-48G, three-dimensional (3D) FRESCAN (Frequency Scan) air search and weapons control radar. A similar weather radar capability for ships, the Tactical Environmental Processor (TEP), will leverage HWDDC technology for use on AN/SPY-1 configured ships.

[P40A / SP400 METOC Satellite Data Exploitation Readiness]: Readiness for planned next-generation polar-orbiting and geostationary satellites will require the procurement and installation of software and hardware products necessary to accommodate the significantly increased data stream from advanced instruments as compared with the current Defense Meteorological Satellite Program, Polar-orbiting Operational Environmental Satellite, and geostationary satellites. The Navy Production Centers at Fleet Numerical Meteorology and Oceanography Center (FNMOC), Monterey, CA, and the Naval Oceanographic Office (NAVOCEANO), Stennis Space Center, MS, require upgrades of their Storage Area Networks and increased data processing capability for their assimilation, analysis and forecasting 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4226 - Meteorological Equipment																																																																																												
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 / SP550 METOC SASC Upgrades]: Procurement of Government Off-The-Shelf/Commercial Off-The-Shelf hardware, and associated software, upgrades for the 69 fielded Automated Surface Observing Systems (ASOS) and the 9 fielded Supplemental Weather Radars (SWR). Both atmospheric sensing systems are essential for aviation safety, Naval Aviation operations and resource protection. ASOS procurements under this project will provide required system upgrades as required by the National Weather Service Interagency Agreement. [P40A / SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV)]: Procures Unmanned Undersea Vehicle ocean sensor systems. These include powered, short duration (~days) Autonomous Undersea Vehicles (AUV) and long duration (~months) buoyancy driven Ocean Gliders which carry sensors that characterize the ocean bottom (bathymetry, imagery, etc.) and measure ocean volume parameters (conductivity, temperature, depth, optics, currents, etc.). These AUVs are preprogrammed with mission profiles and once launched are totally autonomous. The Ocean Gliders are controlled remotely from the Naval Oceanographic Office (NAVOCEANO).																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2">Item Schedule</th> <th rowspan="2">ID CD</th> <th colspan="3">Prior Years</th> <th colspan="3">FY 2012</th> <th colspan="3">FY 2013</th> <th colspan="3">FY 2014 Base</th> <th colspan="3">FY 2014 OCO</th> <th colspan="3">FY 2014 Total</th> </tr> <tr> <th>Item Nomenclature*</th> <th>Exhibits</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> <th>Unit Cost (\$ K)</th> <th>Qty (Each)</th> <th>Total Cost (\$ M)</th> </tr> </thead> <tbody> <tr> <td>Meteorological Equipment</td> <td>P40A, P5A, P21</td> <td></td> <td></td> <td></td> <td>5.265</td> <td></td> <td></td> <td>30.278</td> <td></td> <td></td> <td>18.339</td> <td></td> <td></td> <td>19.118</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>19.118</td> </tr> <tr> <td>Total Gross/Weapon System Cost</td> <td></td> <td></td> <td></td> <td></td> <td>5.265</td> <td></td> <td></td> <td>30.278</td> <td></td> <td></td> <td>18.339</td> <td></td> <td></td> <td>19.118</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>19.118</td> </tr> </tbody> </table>																				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)	Meteorological Equipment	P40A, P5A, P21				5.265			30.278			18.339			19.118			-			19.118	Total Gross/Weapon System Cost					5.265			30.278			18.339			19.118			-			19.118
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total																																																																																				
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Meteorological Equipment	P40A, P5A, P21				5.265			30.278			18.339			19.118			-			19.118																																																																																		
Total Gross/Weapon System Cost					5.265			30.278			18.339			19.118			-			19.118																																																																																		
*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 primary focus of the FY 2014 request is the Full Rate of Production (FRP) of the LBS-UUV Program's ocean Gliders and AUVs, the continuation of upgrades to the environmental satellite data receivers/processors, the METOC SASC family of systems, and the integration of Hazardous Weather Detection & Display Capability (HWDDC) with the AN/SPS-48E & AN/SPS-48G 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4226 - Meteorological Equipment								Aggregated Item Name: Meteorological 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) SP051 Satellite Receiver Upgrades (Space) ⁽¹⁾																				
† 1.1) AN/FMQ-17 Satellite Receiver Upgrade Kit	A		-	-	-	67.000	3	0.201	69.000	4	0.276	70.500	2	0.141	-	-	-	70.500	2	0.141
† 1.2) AN/SMQ-11 Satellite Receiver Upgrade Kit	A		-	-	-	50.000	11	0.550	51.000	15	0.765	52.000	3	0.156	-	-	-	52.000	3	0.156
† 1.3) AN/FMQ-17 Antenna Positioner Upgrade Kit	A		-	-	-	-	-	-	-	-	-	240.000	1	0.240	-	-	-	240.000	1	0.240
† 1.4) AN/SMQ-11 Antenna Pedestal Upgrade Kit	A		228.000	1	0.228	153.000	11	1.683	-	-	-	186.000	4	0.744	-	-	-	186.000	4	0.744
Subtotal 1) SP051 Satellite Receiver Upgrades (Space)					0.228			2.434			1.041			1.281			-			1.281
2) SP200 Hazardous Weather Detection & Display Capability (HWDDC)																				
† 2.1) SPS-48E Variant	B		-	-	-	-	-	-	135.500	4	0.542	136.000	2	0.272	-	-	-	136.000	2	0.272
† 2.2) SPS-48G Variant	B		-	-	-	-	-	-	271.000	3	0.813	271.000	1	0.271	-	-	-	271.000	1	0.271
Subtotal 2) SP200 Hazardous Weather Detection & Display Capability (HWDDC)					-			-			1.355			0.543			-			0.543
3) SP400 METOC Satellite Data Exploitation Readiness ⁽²⁾																				
† 3.1) FNMOC Upgrades	A		-	-	-	1,572.000	1	1.572	685.200	1	0.685	1,647.000	1	1.647	-	-	-	1,647.000	1	1.647
† 3.2) NAVOCEANO Upgrades	A		-	-	-	345.000	1	0.345	456.800	1	0.457	1,098.000	1	1.098	-	-	-	1,098.000	1	1.098
Subtotal 3) SP400 METOC Satellite Data Exploitation Readiness					-			1.917			1.142			2.745			-			2.745
4) SP550 METOC SASC Upgrades ⁽³⁾																				
† 4.1) ASOS Upgrades	A		-	-	-	120.571	21	2.532	81.243	37	3.006	47.391	69	3.270	-	-	-	47.391	69	3.270
† 4.2) SWR Upgrades	A		-	-	-	37.400	15	0.561	80.000	3	0.240	60.000	14	0.840	-	-	-	60.000	14	0.840
Subtotal 4) SP550 METOC SASC Upgrades					-			3.093			3.246			4.110			-			4.110

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4226 - Meteorological Equipment								Aggregated Item Name: Meteorological 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)
5) SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV) ⁽⁴⁾																				
† 5.1) Littoral Battlespace Sensors - Gliders (LBS-G)	A		137.000	35	4.795	145.000	35	5.075	150.000	35	5.250	155.000	30	4.650	-	-	-	155.000	30	4.650
† 5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)	A		-	-	-	2,405.000	2	4.810	2,525.000	1	2.525	2,525.000	1	2.525	-	-	-	2,525.000	1	2.525
† 5.3) Littoral Battlespace Sensors - (LBS-AUV) Shipset	A		-	-	-	-	-	-	1,900.000	1	1.900	1,900.000	1	1.900	-	-	-	1,900.000	1	1.900
Subtotal 5) SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV)						4.795		9.885		9.675		9.075		-			9.075			
6) METMF (R) NEXGEN (OCO)																				
† 6.1) METMF (R) NEXGEN	A		-	-	-	2,050.000	4	8.200	-	-	-	-	-	-	-	-	-	-	-	-
† 6.2) METMF (R) NEXGEN Sub-Systems	A		-	-	-	633.333	3	1.900	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) METMF (R) NEXGEN (OCO)						-		10.100		-		-		-		-		-		-
7) SP555 Production Support																				
7.1) Satellite Receiver Upgrades	A		-	-	-	-	-	0.071	-	-	0.065	-	-	0.022	-	-	-	-	-	0.022
7.2) LBS-UUV	A		-	-	0.161	-	-	0.698	-	-	0.751	-	-	0.551	-	-	-	-	-	0.551
7.3) METMF (R) NEXGEN	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.4) METMF (R) NEXGEN (OCO)	A		-	-	-	-	-	0.700	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) SP555 Production Support						0.161		1.469		0.816		0.573		-			-			0.573
8) SP776 Non-FMP																				
8.1) Satellite Receiver Upgrades	A		-	-	-	-	-	0.336	-	-	0.477	-	-	0.306	-	-	-	-	-	0.306
Subtotal 8) SP776 Non-FMP						-		0.336		0.477		0.306		-			-			0.306
9) SP777 FMP																				
9.1) Satellite Receiver Upgrades	A		-	-	0.081	-	-	1.044	-	-	0.342	-	-	0.328	-	-	-	-	-	0.328

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4226 - Meteorological Equipment									Aggregated Item Name: Meteorological 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)
9.2) HWDDC	A		-	-	-	-	-	-	-	-	0.245	-	-	0.157	-	-	-	-	-	0.157
Subtotal 9) SP777 FMP					0.081			1.044			0.587			0.485			-			0.485
Total					5.265			30.278			18.339			19.118			-			19.118

Footnotes:

(1) Quantities represent the number of sites/platforms upgraded annually.

(2) Quantities and unit costs represent upgrades to the super computers at the 2 METOC Production Centers, the Fleet Numerical Meteorology and Oceanography Center (FNMOC) and the Naval Oceanographic Office (NAVOCEANO). Upgrades consist of data processing and communications hardware and vary annually depending on the launch of various Navy, joint, interagency, and international METOC satellite systems. The decrease in unit cost from FY 2012 to FY 2013 reflects the need for less data processing and communications hardware after the FY 2012 launch of the National Polar-orbiting Operational Satellite System (NPOESS) Preparatory Project (NPP) satellite. The increase in unit cost from FY13 to FY14 reflects the need for additional hardware to ingest, store, and process an increase in environmental weather satellite sensor data from full activation of the NPP Visible Infrared Imaging Radiometer Sensor Suite (VIIRS) and from the European Organization for the Exploitation of Meteorological Satellites (EUMETSAT) METOP-B, MeteoSat-10. Unit costs represent the average unit cost of each planned Hardware/Software procurement or refresh procured from various vendors which varies based on subsystem, site or platform. NAVOCEANO procures computer system hardware through a local Solution for Enterprise Wide Procurement (SEWP) Government Wide Acquisition Contract. FNMOC procures computer system hardware through various SSC-LANT contracts with the majority being Firm Fixed Price (FFP).

(3) Quantities represent the number of sites upgraded annually; multiple upgrades may occur at a single site in a given year. Upgrades are GOTS/COTS hardware and associated software for installed systems including Automated Surface Observing System (ASOS) and the Supplemental Weather Radar (SWR). Unit costs represent the average unit cost of each planned Hardware/Software procurement or refresh which varies based on subsystem, site or platform. ASOS Upgrades - FY 2012 quantities represent 21 data Acquisition Control Unit (ACU) Firmware v3.x updates. FY 2013 quantities represent 37 ACUs Firmware v3.x updates. FY 2014 quantities represent 20 ACU Phase 1 replacements (hardware and software) and EPI replacements and an additional 49 EPI replacements only. These varying quantities account for the unit cost variation. Unit costs represent the average unit cost of each planned Hardware/Software procurement or refresh which varies based on subsystem, site or platform. SWR Upgrades - FY 2012 quantities represent 15 SWR Workstation II's (9 complete Workstation II kits and 6 Workstation II Central Processing Unit (CPU) upgrades). FY 2013 quantities represent 3 SWR Workstation II CPU upgrades. FY 2014 quantities represent 5 Digital STALO replacements and 9 EDGE Workstation III procurements. These varying quantities account for the unit cost variation.

(4) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV) are broken out between AUV units and AUV Shipsets. Shipsets consist of the operation van, maintenance van, and launch & recovery system. Littoral Battlespace Sensors - Gliders (LBS-G) FY16 - FY18 quantities represent replacement units.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4226 - Meteorological Equipment					Aggregated Item Name: Meteorological Equipment			
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) SP051 Satellite Receiver Upgrades (Space)												
1.1) AN/FMQ-17 Satellite Receiver Upgrade Kit		2012	Raytheon / Indianapolis	C / CPFF	SPAWAR	Feb 2012	Jun 2012	3	67.000	Y		Jun 2011
1.1) AN/FMQ-17 Satellite Receiver Upgrade Kit		2013	Raytheon / Indianapolis	C / CPFF	SPAWAR	Feb 2013	Jun 2013	4	69.000	Y		Jun 2011
1.1) AN/FMQ-17 Satellite Receiver Upgrade Kit		2014	Raytheon / Indianapolis	C / CPFF	SPAWAR	Dec 2013	Apr 2014	2	70.500	Y		Jun 2011
1.2) AN/SMQ-11 Satellite Receiver Upgrade Kit		2012	Raytheon / Indianapolis	C / CPFF	SPAWAR	Feb 2012	Jun 2012	11	50.000	Y		Jun 2011
1.2) AN/SMQ-11 Satellite Receiver Upgrade Kit		2013	Raytheon / Indianapolis	C / CPFF	SPAWAR	Feb 2013	Jun 2013	15	51.000	Y		Jun 2011
1.2) AN/SMQ-11 Satellite Receiver Upgrade Kit		2014	Raytheon / Indianapolis	C / CPFF	SPAWAR	Dec 2013	Apr 2014	3	52.000	Y		Jun 2011
1.3) AN/FMQ-17 Antenna Positioner Upgrade Kit		2014	Raytheon / Indianapolis	C / CPFF	SPAWAR	Dec 2013	Apr 2014	1	240.000	Y		Jun 2011
1.4) AN/SMQ-11 Antenna Pedestal Upgrade Kit		2012	Raytheon / Indianapolis	C / CPFF	SPAWAR	Feb 2013	Jun 2013	11	153.000	Y		Jun 2011
1.4) AN/SMQ-11 Antenna Pedestal Upgrade Kit		2014	Raytheon / Indianapolis	C / CPFF	SPAWAR	Dec 2013	Apr 2014	4	186.000	Y		Jun 2011
2) SP200 Hazardous Weather Detection & Display Capability (HWDDC)												
2.1) SPS-48E Variant		2013	Basic Commerce & Industries / Moorestown, NJ	C / CPFF	SSC PAC	Apr 2013	Jun 2013	4	135.500	Y		Feb 2009
2.1) SPS-48E Variant		2014	Unknown / Unknown	C / TBD	SSC PAC	Dec 2013	Feb 2014	2	136.000	Y		Feb 2009
2.2) SPS-48G Variant		2013	Basic Commerce & Industries / Moorestown, NJ	C / CPFF	SSC PAC	Apr 2013	Jun 2013	3	271.000	Y		Feb 2009
2.2) SPS-48G Variant		2014	Unknown / Unknown	C / TBD	SSC PAC	Dec 2013	Feb 2014	1	271.000	Y		Feb 2009
3) SP400 METOC Satellite Data Exploitation Readiness												
3.1) FNMOC Upgrades		2012 ⁽⁵⁾	VARIOUS / VARIOUS	C / FFP	SSC LANT	Nov 2011	May 2012	1	1,572.000	Y		
3.1) FNMOC Upgrades		2013	VARIOUS / VARIOUS	C / FFP	SSC LANT	Nov 2012	May 2013	1	685.200	Y		
3.1) FNMOC Upgrades		2014	Unknown / Unknown	C / FFP	SSC LANT	Nov 2013	May 2014	1	1,647.000	Y		
3.2) NAVOCEANO Upgrades		2012 ⁽⁶⁾	VARIOUS / VARIOUS	C / FFP	NAVOCEANO	Nov 2011	May 2012	1	345.000	Y		
3.2) NAVOCEANO Upgrades		2013	VARIOUS / VARIOUS	C / FFP	NAVOCEANO	Nov 2012	May 2013	1	456.800	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4226 - Meteorological Equipment					Aggregated Item Name: Meteorological 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 (\$ K)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.2) NAVOCEANO Upgrades		2014	Unknown / Unknown	C / FFP	NAVOCEANO	Nov 2013	May 2014	1	1,098.000	Y		
4) SP550 METOC SASC Upgrades												
4.1) ASOS Upgrades		2012	National Weather Service (NWS) / MD	MIPR	NWS	Oct 2011	Jan 2012	21	120.571	Y		
4.1) ASOS Upgrades		2013	National Weather Service (NWS) / MD	MIPR	NWS	Oct 2012	Jan 2013	37	81.243	Y		
4.1) ASOS Upgrades		2014	National Weather Service (NWS) / MD	MIPR	NWS	Oct 2013	Jan 2014	69	47.391	Y		
4.2) SWR Upgrades		2012	Enterprise Electronics Corp. / AL	C / FP	SSC LANT	Oct 2011	Dec 2011	15	37.400	Y		Nov 2010
4.2) SWR Upgrades		2013	Enterprise Electronics Corp. / AL	C / FP	SSC LANT	Oct 2012	Dec 2012	3	80.000	Y		Nov 2010
4.2) SWR Upgrades		2014	Enterprise Electronics Corp. / AL	C / FP	SSC LANT	Oct 2013	Dec 2013	14	60.000	Y		Nov 2010
5) SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV)												
†5.1) Littoral Battlespace Sensors - Gliders (LBS-G)		2012	Teledyne Brown Eng. / AL	C / FPIF	SPAWAR	Mar 2012	Jun 2012	35	145.000	Y		Apr 2008
†5.1) Littoral Battlespace Sensors - Gliders (LBS-G)		2013	Teledyne Brown Eng. / AL	TBD	SPAWAR	Mar 2013	Jun 2013	35	150.000	Y		Apr 2008
†5.1) Littoral Battlespace Sensors - Gliders (LBS-G)		2014	Teledyne Brown Eng. / AL	TBD	SPAWAR	Jun 2014	Sep 2014	30	155.000	Y		Apr 2008
†5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)		2012	Hydroid, Inc. / MA	C / FFP	SPAWAR	Jul 2012	Sep 2013	2	2,405.000	Y		Oct 2009
†5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)		2013	Hydroid, Inc. / MA	C / FFP	SPAWAR	Dec 2012	Sep 2014	1	2,525.000	Y		Oct 2009
†5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)		2014	Hydroid, Inc. / MA	C / TBD	SPAWAR	Dec 2013	Sep 2015	1	2,525.000	Y		Oct 2009
5.3) Littoral Battlespace Sensors - (LBS-AUV) Shipset		2013	Hydroid, Inc. / MA	C / FFP	SPAWAR	Dec 2012	Sep 2014	1	1,900.000	Y		Oct 2009
5.3) Littoral Battlespace Sensors - (LBS-AUV) Shipset		2014	Hydroid, Inc. / MA	C / TBD	SPAWAR	Dec 2013	Sep 2015	1	1,900.000	Y		Oct 2009
6) METMF (R) NEXGEN (OCO)												

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4226 - Meteorological Equipment					Aggregated Item Name: Meteorological Equipment			
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
†6.1) METMF (R) NEXGEN	✓	2012	Smiths Detection / MD	C / CPIF	SPAWAR	Aug 2012	Apr 2013	4	2,050.000	Y		May 2011
†6.2) METMF (R) NEXGEN Sub-Systems	✓	2012	SSC PAC / San Diego, CA	WR	SPAWAR	Dec 2012	Apr 2013	3	633.333	Y		Oct 2012
Footnotes: (5) The vendors for equipment and software for FNMOC super computer systems include CISCO, IBM, Qlogic, Intel, Dell, and Mellanox (6) The vendors for equipment and software for NAVOCEANO super computer systems include CISCO, IBM, Qlogic, Intel, Dell, and Mellanox												

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4226 - Meteorological Equipment													Aggregated Item Name: Meteorological Equipment														
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												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) SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV)																																					
5.1) Littoral Battlespace Sensors - Gliders (LBS-G)																																					
All Prior Years Deliveries: 35																																					
	12	2012	NAVY	35	-	35	-	-	-	-	-	A -	-	-	5	5	5	5	5	5												-					
	12	2013	NAVY	35	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	5	5	5	5	15						
	12	2014	NAVY	30	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30						
5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)																																					
	13	2012	NAVY	2	-	2	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-						
	14	2013	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	1						
	14	2014	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1						
6) METMF (R) NEXGEN (OCO)																																					
6.1) METMF (R) NEXGEN																																					
✓	15	2012	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	1	1	1	1			-						
6.2) METMF (R) NEXGEN Sub-Systems																																					
✓	16	2012	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4226 - Meteorological Equipment													Aggregated Item Name: Meteorological Equipment														
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												
							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) SP600 Littoral Battlespace Sensors - Unmanned Undersea Vehicles (LBS-UUV)																																					
5.1) Littoral Battlespace Sensors - Gliders (LBS-G)																																					
All Prior Years Deliveries: 35																																					
	12	2012	NAVY	35	35	-																											-				
	12	2013	NAVY	35	20	15	5	5	5																									-			
	12	2014	NAVY	30	-	30	-	-	-	-	-	-	-	-	A -	-	-	5	5	5	5	5	5								-						
5.2) Littoral Battlespace Sensors - Autonomous Undersea Vehicles (LBS-AUV)																																					
	13	2012	NAVY	2	2	-																											-				
	14	2013	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1																-			
	14	2014	NAVY	1	-	1	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-						
6) METMF (R) NEXGEN (OCO)																																					
6.1) METMF (R) NEXGEN																																					
✓	15	2012	NAVY	4	4	-																											-				
6.2) METMF (R) NEXGEN Sub-Systems																																					
✓	16	2012	NAVY	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4226 - Meteorological Equipment	Aggregated Item Name: Meteorological 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	Teledyne Brown Eng. - AL	2.00	5.00	40.00	-	5	3	8	-	5	3	8
2	Hydroid, Inc. - MA	1.00	1.00	4.00	-	9	14	23	-	9	14	23
3	Hydroid, Inc. - MA	1.00	1.00	4.00	-	2	21	23	-	2	21	23
4	Smiths Detection - MD	1.00	1.00	5.00	-	10	8	18	-	10	8	18
5	SSC PAC - San Diego, CA	1.00	1.00	3.00	-	3	4	7	-	3	4	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-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4242 - DCRS/DPL

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>)	91.370	1.595	1.414	1.425	-	1.425	1.453	1.480	1.517	1.542	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	91.370	1.595	1.414	1.425	-	1.425	1.453	1.480	1.517	1.542	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	91.370	1.595	1.414	1.425	-	1.425	1.453	1.480	1.517	1.542	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>)	-	0.027	-	0.158	-	0.158	0.134	0.161	0.180	0.076	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:

Digital Camera Receiving Station/Digital Photo Lab (DCRS/DPL) The Naval Air Systems Command is tasked to support digital imagery shipboard photographic requirements (Chief of Naval Operations (CNO) Memo Ser 09B/2U2501983 of 23 Oct 92 applies). Both systems are supported by the Other Procurement, Navy (OPN) funding line through FY12. In FY13, the DPL will transition to the Naval Sea Systems Command.

The DCRS is a combat system located in the Carrier Intelligence Center that processes classified Bomb Hit Assessment and target imagery. DCRS supports near real-time over-the-horizon imagery transfer, as well as post-mission playback of imagery obtained from aircraft sensors. DCRS is a one rack system with a multiple PC workstation for video editing and playback, media receptacles for aircraft data transfer devices, and communications equipment to support Fast Tactical Imagery. Equipment and software are updated through field change/tech refresh installations scheduled every three years for each Carrier Vessel/Carrier Vessel Nuclear (CV/CVN).

The DPL is an unclassified system that processes visual information for incidents and accidents at sea, shipboard investigations, medical records, combat camera, safety, training, and Public Affairs Office functions. The DPL produces visual information documentation of real world events (e.g. drug interdiction programs, humanitarian relief efforts, shipboard and flight operations) that is eventually viewed by the CNO, Secretary of the Navy, Joint Chiefs of Staff, National Military Command Center, and the White House. Digital imagery can be quickly disseminated via shipboard communication systems to support decision makers at all levels. DPL Phase I equipment installations are complete. In accordance with requirements set forth in Commander In Chief, Atlantic Command (CINCLANT) MSG DTG 051820Z Apr 00, the current supported DPL configuration is versioned as V2X (DPL Phase II) and consists of the following components: two hard mounted racks for Personal Computer workstations and media receptacles, a rack for two scanners and two photo quality printers, a separate large format printer, a separate high speed laser printer, and a photo Local Area Network that networks all of these components. The DPL also provides two high quality digital cameras to the ship. Equipment and software are updated through field change installations scheduled every three years for each CV/CVN.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4242 - DCRS/DPL

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)
DCRS/DPL	P40A				91.370			1.595			1.414			1.425			-			1.425
Total Gross/Weapon System Cost					91.370			1.595			1.414			1.425			-			1.425

*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:

FY12 - Support equipment and software updates through field change installations as scheduled on various CV/CVN for DCRS and DPL.

Starting in FY2013, funds will procure tech refresh items; prior fiscal years procured field change systems.

FY13 - Support equipment and software updates through tech refresh installations as scheduled on various CV/CVN for DCRS and DPL.

FY14 - Support equipment and software updates through tech refresh installations as scheduled on various CV/CVN for DCRS and DPL.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4242 - DCRS/DPL							Aggregated Item Name: DCRS/DPL					
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) DCRS/DPL																				
1) SX020 Digital Photo Lab Workcenter	A		141,776.12	67	9.499	142,000.00	3	0.426	132,670.00	3	0.398	135,333.33	3	0.406	-	-	-	135,333.33	3	0.406
2) SX021 Digital SLR Color Camera	A		17,050.96	157	2.677	5,300.00	10	0.053	-	-	-	-	-	-	-	-	-	-	-	-
3) SX100 Digital Camera Receiving Station	A		164,150.00	60	9.849	180,000.00	3	0.540	161,333.33	3	0.484	159,333.33	3	0.478	-	-	-	159,333.33	3	0.478
4) DPL Other Costs	A		-	-	31.206	-	-	0.253	-	-	0.239	-	-	0.245	-	-	-	-	-	0.245
5) DCRS Other Costs	A		-	-	38.139	-	-	0.323	-	-	0.293	-	-	0.296	-	-	-	-	-	0.296
Total					91.370			1.595			1.414			1.425			-			1.425

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4244 - Aviation Life 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>)	217.124	68.246	40.475	29.670	-	29.670	28.914	36.178	42.678	48.397	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	217.124	68.246	40.475	29.670	-	29.670	28.914	36.178	42.678	48.397	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	217.124	68.246	40.475	29.670	-	29.670	28.914	36.178	42.678	48.397	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>)	-	-	-	-	-	-	-	-	-	-	-	-
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 account provides for the acquisition, upgrade, and production support of aviation life support systems required for the personal safety and protection of aircrew against the hazards encountered in the aircraft operating environment and for safe recovery of downed aircrew. Note: Elements of Cost that are not currently funded in the FYDP are no longer included in the "Prior Year" column. [P40A / CSEL - SY060]: COMBAT SURVIVOR EVADER LOCATOR - SY060 (Baseline) CSEL has been designated as an ACAT III Joint Service Program with the USAF as lead service. The CSEL Radio system provides U.S. combat forces with secure, encrypted, low probability of exploitation, two-way, over the horizon, near real time databurst communications with integral precise geopositioning; and non-secure, unencrypted line-of-sight voice and beacon capability to support survival, evasion, and personnel recovery operations. The user segment of the CSEL system is composed of a battery operated Hand Held Radio (HHR) (AN/PRQ-7), a Radio Set Adapter (J-6431/PRQ-7), a Global Positioning System (GPS) antenna and coupler, and a laptop Central Processing Unit with software for loading the HHR CSEL Planning Computer. Fielding of CSEL radios will provide 100% coverage of radios to Aviation personnel that currently lack military GPS enabled radios today. [P40A / Laser Eye Protection - SY080]: (LEP) - SY080 (Baseline) The LEP program is a family of eye protection solutions that will provide Fixed, Rotary Wing and Patrol pilots and aircrew with multiple wavelength fixed threat and hazard protection during day and night unaided and Night Vision Goggle aided missions. LEP will consist of a suite of products to include spectacles, goggles, and visors. The LEP (visor, spectacle or goggle format) is being developed for compatibility with all required USN/USMC Aviation Life Support Equipment as well as cockpit displays, night vision, and fire control systems. [P40A / AN/AVS-9 Image Intensifier - SY212]: AN/AVS-9) - SY212 (FY12 OCO) Interoperability in joint operations mandates the procurement and incorporation of enhanced night vision capabilities. With 70% of flight operations conducted at night, failure to provide USN/USMC aircrew with this mission essential equipment will seriously impact sortie completion rates and aircrew situational awareness.												

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4244 - Aviation Life 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):		
[P40A / JHMCS Night Vision - SY215]: JOINT HELMET MOUNTED CUEING SYSTEM NIGHT VISION - SY215 (Baseline) This system provides aircraft equipped with the JHMCS the ability to cue and display weapons and sensors at night using a forty degree field of view Night Vision Device that integrates the JHMCS cueing and display symbology. The system is compatible with the current JHMCS helmet and will use the power and data provided by the JHMCS Universal Connector on the helmet. The System includes a high resolution image intensifier assembly, a camera to record the pilot's visual scene and display. The system is fully adjustable by the operator and is detachable from the helmet. [P40A / Electronic Knee Board - SY450]: ELECTRONIC KNEE BOARD (EKB) - SY450 (Baseline) The Electronic Knee Board (EKB) is an aircrew mounted tablet device system. Currently, printed Gridded Reference Graphics (GRG) charts are used to provide aircrew with required information to complete their missions. Evolving flight operations show the need for aircrew to be re-tasked to any part of a large area of operations resulting in the need to carry many more GRG charts in the aircraft. Physical space constraints in the cockpit for printed GRG's and insufficient aircraft memory to store electronic GRG files are adversely affecting the Fleets ability to perform their mission. The EKB provides a digital means to store and display all required GRG information, which will increase mission flexibility, situational awareness, and overall mission effectiveness. In addition, the EKB will also store and display other information that is currently printed, to include, but not limited to, NATOPS procedures and flight information publications. [P40A / Enhanced Visual Acuity - SY217]: ENHANCED VISUAL ACUITY (EVA) - SY217 (Baseline) Enhanced Visual Acuity (EVA) provides a digital night vision capability to address critical capability gaps in low and no light illumination levels (night vision) and higher visibility through smoke, dust, and other obscurants. The digital architecture of the system provides the ability to field capabilities incrementally. Increment 1 (IOC expected FY-18) will include capabilities to address the low and no light illumination issues. The increment 1 capability will also provide a sharper image at all light levels by reducing scintillation and will reduce halo/blooming when operating in urban environments. Increment 2 will build on the increment 1 performance by adding capability to address the need for higher visibility through smoke, dust, and other obscurants. [P40A / AR-5 NDI Respirators - SY090]: AR-5 NON-DEVELOPMENTAL ITEMS (NDI) PROGRAM - SY090 (Baseline and FY12 OCO) This program procures aircrew Chemical Biological Radiological (CBR) protective systems, support equipment, and protective garments which provide all USN/USMC aircrewmembers the necessary head-eye-respiratory protection during inflight operations. Head-eye-respiratory protection is provided by a hood-mask assembly that precludes the wearer from contact with the CBR agent and provides filtered breathing air. In order to have complete protection, the aircrew must also wear a below-the-neck CBR protective clothing ensemble. This procurement is required due to the slip in the Joint Service Air Mask program which is planned to replace the legacy mask inventory. [P40A / Aircrew Endurance - SY125]: AIRCREW ENDURANCE (AE) - SY125 (Baseline) Aircrew Endurance (AE) is an Abbreviated Acquisition Program. The program is comprised of many components designed to improve endurance in flights of longer duration. Systems include survival vests and body armor design, sizing, compatibility, durability and color improvements; hydration systems; mission extender devices to address physical waste needs; and improved universal camouflage to the Marine Corps coyote color schemes. These improvements will address issues associated with heat stress, physical fatigue, safety and loss of mobility on long duration missions. Changes in the FY14 Budget request reflect reaching the Inventory Objective of 9118 AE Vests in FY15. [P40A / V-22 Oxygen Test Sets - SY176]: V-22 Oxygen Test Sets - SY176 (FY12 OCO) V-22 Oxygen Concentrator Test Set is required to test the concentration of oxygen generated by the V-22 Onboard Oxygen Generating System. The Aviation Oxygen System team utilizes the test set to perform all Engineering Investigations on Fleet V-22 concentrators included but not limited to verification of concentrator improvements proposed by the manufacturer, concentrator reliability data development/ verification, fleet troubleshooting assistance and training of fleet personnel. Current assets are pulled from the support team and deployed in support of Operation Enduring Freedom. This one-time procurement will replace the deployed assets allowing for continued support of V-22 aircraft deployed and domestic.		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment											P-1 Line Item Nomenclature: 4244 - Aviation Life 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Aviation Life Support	P40A, P5A, P21			217.124			68.246			40.475			29.670			-			29.670		
Total Gross/Weapon System Cost				217.124			68.246			40.475			29.670			-			29.670		
*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 FY 2014 Budget Request provides funding to procure 50 CSEL Radios, 267 LEP Spectacles, 62 JHMCS Night Vision Devices, 4360 FDC Double Hearing Protection Headset Assemblies and 979 AE Vests.																					

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4244 - Aviation Life Support								Aggregated Item Name: Aviation Life 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) Survival Electronics																				
† 1.1) CSEL - SY060	A		66,679.28	1,216	81.082	7,700.00	50	0.385	7,840.00	50	0.392	7,960.00	50	0.398	-	-	-	7,960.00	50	0.398
Subtotal 1) Survival Electronics					81.082			0.385			0.392			0.398			-			0.398
2) Helmets, Hearing and Display																				
† 2.1) Laser Eye Protection - SY080	A		-	-	-	5,410.00	32	0.173	3,806.56	305	1.161	3,540.00	267	0.945	-	-	-	3,540.00	267	0.945
† 2.2) AN/AVS-9 Image Intensifier - SY212	A		-	-	4.290	13,939.66	232	3.234	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) JHMCS Night Vision - SY215	A		2,141K	11	23.550	225,696.63	89	20.087	234,580.00	80	18.766	216,903.23	62	13.448	-	-	-	216,903.23	62	13.448
† 2.4) Flight Deck Cranial - SY505	A		754.02	14,428	10.879	242.30	22,683	5.496	3,830.78	1,956	7.493	1,150.23	4,360	5.015	-	-	-	1,150.23	4,360	5.015
2.5) Electronic Knee Board - SY450	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Enhanced Visual Acuity - SY217	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) Helmets, Hearing and Display					38.719			28.990			27.420			19.408			-			19.408
3) Life Support Systems																				
† 3.1) AR-5 NDI Respirators - SY090	A		9,544.44	180	1.718	9,349.10	2,389	22.335	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) Aircrew Endurance - SY125	A		5,354.05	2,124	11.372	2,094.99	3,453	7.234	3,170.00	1,790	5.674	2,990.00	979	2.927	-	-	-	2,990.00	979	2.927
† 3.3) V-22 Oxygen Test Sets - SY176	A		-	-	-	178,000.00	1	0.178	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) Life Support Systems					13.090			29.747			5.674			2.927			-			2.927
4) Production Support																				
4.1) Survival Electronics - SY830	A		-	-	46.059	-	-	0.497	-	-	0.183	-	-	0.188	-	-	-	-	-	0.188
4.2) Helmets, Hearing and Displays - SY830	A		-	-	21.001	-	-	7.356	-	-	5.532	-	-	6.449	-	-	-	-	-	6.449
4.3) Life Support Systems - SY830	A		-	-	17.173	-	-	1.271	-	-	1.274	-	-	0.300	-	-	-	-	-	0.300
Subtotal 4) Production Support					84.233			9.124			6.989			6.937			-			6.937
Total					217.124			68.246			40.475			29.670			-			29.670

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4244 - Aviation Life Support					Aggregated Item Name: Aviation Life Support			
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) Survival Electronics												
1.1) CSEL - SY060		2012	Boeing / Anaheim, CA	SS / FFP	NAVAIR	Mar 2013	Feb 2014	50	7,700.00	Y		Oct 2011
1.1) CSEL - SY060		2013	Boeing / Anaheim, CA	SS / FFP	NAVAIR	Mar 2013	Feb 2014	50	7,840.00	Y		Oct 2011
1.1) CSEL - SY060		2014	Boeing / Anaheim, CA	SS / FFP	NAVAIR	Mar 2014	Feb 2015	50	7,960.00	Y		Oct 2011
2) Helmets, Hearing and Display												
2.1) Laser Eye Protection - SY080		2012	TBD / TBD	C / FFP	USAF	Apr 2013	Jun 2013	32	5,410.00	N	Sep 2012	Mar 2012
2.1) Laser Eye Protection - SY080		2013	TBD / TBD	C / FFP	USAF	Apr 2013	Jun 2013	305	3,806.56	N	Sep 2012	Mar 2012
2.1) Laser Eye Protection - SY080		2014	TBD / TBD	C / FFP	USAF	Mar 2014	May 2014	267	3,540.00	N	Sep 2012	Mar 2012
2.2) AN/AVS-9 Image Intensifier - SY212	✓	2012	ITT Night Vision / Roanoke, VA	SS / FFP	NSWC Crane	Mar 2012	Sep 2012	232	13,939.66	Y		Oct 2009
†2.3) JHMCS Night Vision - SY215		2011	Vision Systems Intl / San Jose, CA	SS / FFP	JPO Wright Patterson AFB	Mar 2012	Apr 2013	11	159,727.27	N	Apr 2012	Apr 2010
†2.3) JHMCS Night Vision - SY215		2012	Vision Systems Intl / San Jose, CA	SS / FFP	JPO Wright Patterson AFB	Sep 2012	Oct 2013	89	225,696.63	N	Apr 2012	Feb 2012
†2.3) JHMCS Night Vision - SY215		2013	Vision Systems Intl / San Jose, CA	SS / FFP	JPO Wright Patterson AFB	Jun 2013	Apr 2014	80	234,580.00	N	Apr 2012	Aug 2012
†2.3) JHMCS Night Vision - SY215		2014	Vision Systems Intl / San Jose, CA	SS / FFP	JPO Wright Patterson AFB	Apr 2014	Apr 2015	62	216,903.23	N	Apr 2012	Aug 2012
†2.4) Flight Deck Cranial - SY505		2012	Aegisound LLC / Blacksburg, VA	SS / FFP	NAWCADLKE	Jun 2012	Dec 2012	22,683	242.30	Y		Apr 2012
†2.4) Flight Deck Cranial - SY505		2013	Aegisound LLC / Blacksburg, VA	SS / FFP	NAWCADLKE	Apr 2013	Dec 2013	1,956	3,830.78	Y		Oct 2012
†2.4) Flight Deck Cranial - SY505		2014	Aegisound LLC / Blacksburg, VA	SS / FFP	NAWCADLKE	Jan 2014	Dec 2014	4,360	1,150.23	Y		Aug 2013
3) Life Support Systems												
3.1) AR-5 NDI Respirators - SY090		2012	Camlock LTD / Aldershot, UK	SS / FFP	NAVAIR	Dec 2011	Apr 2012	1,072	9,348.88	Y		Nov 2010
3.1) AR-5 NDI Respirators - SY090	✓	2012	Camlock LTD / Aldershot, UK	SS / FFP	NAVAIR	Dec 2011	Apr 2012	1,317	9,349.28	Y		Nov 2010
3.2) Aircrew Endurance - SY125		2011	Peckham Vocational Industries / Lansing, MI	SS / FFP	NAVAIR	Sep 2011	Apr 2012	2,124	1,087.10	Y		Jun 2011
3.2) Aircrew Endurance - SY125		2012	Peckham Vocational Industries / Lansing, MI	SS / FFP	NAVAIR	Feb 2012	Apr 2013	3,453	2,094.99	Y		Jun 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4244 - Aviation Life Support					Aggregated Item Name: Aviation Life Support			
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
3.2) Aircrew Endurance - SY125		2013	Peckham Vocational Industries / Lansing, MI	SS / FFP	NAVAIR	Mar 2013	May 2014	1,790	3,170.00	Y		Jun 2012
3.2) Aircrew Endurance - SY125		2014	Peckham Vocational Industries / Lansing, MI	SS / FFP	NAVAIR	Jan 2014	Mar 2015	979	2,990.00	Y		Jun 2013
3.3) V-22 Oxygen Test Sets - SY176	✓	2012	CLSS / Davenport, IA	SS / FFP	NAVAIR	May 2012	May 2013	1	178,000.00	Y		Oct 2011

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4244 - Aviation Life Support													Aggregated Item Name: Aviation Life Support														
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							
2) Helmets, Hearing and Display																																					
2.3) JHMCS Night Vision - SY215																																					
	17	2011	NAVY	11	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	11				
	17	2011	♦ AF	89	-	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89				
	17	2011	TOTAL	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100				
	17	2012	NAVY	89	-	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	89					
	17	2013	NAVY	80	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80					
	17	2013	♦ AF	85	-	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85					
	17	2013	TOTAL	165	-	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165					
	17	2014	NAVY	62	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62					
	17	2014	♦ AF	80	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80					
	17	2014	TOTAL	142	-	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142					
2.4) Flight Deck Cranial - SY505																																					
All Prior Years Deliveries: 14428																																					
	18	2012	NAVY	22,683	-	22,683	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	22,683					
	18	2013	NAVY	1,956	-	1,956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,956					
	18	2014	NAVY	4,360	-	4,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,360					
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4244 - Aviation Life Support										Aggregated Item Name: Aviation Life Support														
Items (Units in Each)							Fiscal Year 2013													Fiscal Year 2014														
O 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) Helmets, Hearing and Display																																		
2.3) JHMCS Night Vision - SY215																																		
	17	2011	NAVY	11	-	11	-	-	-	-	-	-	2	2	2	2	3	-	-	-											-			
	17	2011	♦ AF	89	-	89	-	-	-	-	-	-	6	12	12	12	12	12	12	11											-			
	17	2011	TOTAL	100	-	100	-	-	-	-	-	-	8	14	14	14	15	12	12	11											-			
	17	2012	NAVY	89	-	89	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	14								-		
	17	2013	NAVY	80	-	80	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	38		
	17	2013	♦ AF	85	-	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7	7	7	7	7	7	42			
	17	2013	TOTAL	165	-	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	14	14	14	14	14	14	80			
	17	2014	NAVY	62	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	62			
	17	2014	♦ AF	80	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80			
	17	2014	TOTAL	142	-	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142			
2.4) Flight Deck Cranial - SY505																																		
All Prior Years Deliveries: 14428																																		
	18	2012	NAVY	22,683	-	22,683	-	-	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,882											-				
	18	2013	NAVY	1,956	-	1,956	-	-	-	-	-	-	A -	-	-	-	-	-	-	163	163	163	163	163	163	163	163	163	163	163	326			
	18	2014	NAVY	4,360	-	4,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	4,360			
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4244 - Aviation Life Support													Aggregated Item Name: Aviation Life Support																																	
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																										
2) Helmets, Hearing and Display																																																								
2.3) JHMCS Night Vision - SY215																																																								
	17	2011	NAVY	11	11	-																										-																								
	17	2011	♦ AF	89	89	-																										-																								
	17	2011	TOTAL	100	100	-																										-																								
	17	2012	NAVY	89	89	-																										-																								
	17	2013	NAVY	80	42	38																										7	7	6	6	6	6																			-
	17	2013	♦ AF	85	43	42																										7	7	7	7	7	7																			-
	17	2013	TOTAL	165	85	80	14	14	13	13	13	13	-																																											
	17	2014	NAVY	62	-	62	-	-	-	-	-	6	6	6	5	5	5	5	5	5	5	5	4	-																																
	17	2014	♦ AF	80	-	80	-	-	-	-	-	7	7	7	7	7	7	7	6	6	6	6	-																																	
	17	2014	TOTAL	142	-	142	-	-	-	-	-	13	13	13	12	12	12	12	12	11	11	11	10	-																																
2.4) Flight Deck Cranial - SY505																																																								
All Prior Years Deliveries: 14428																																																								
	18	2012	NAVY	22,683	22,683	-																										-																								
	18	2013	NAVY	1,956	1,630	326																										163	163	-	-	364	364	364	364	364	364	364	364	364	364	356	-									
	18	2014	NAVY	4,360	-	4,360																										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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4244 - Aviation Life Support	Aggregated Item Name: Aviation Life Support

		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	Vision Systems Intl - San Jose, CA	60.00	120.00	180.00	-	-	-	-	5	3	9	12
2	Aegisound LLC - Blacksburg, VA	1,800.00	28,800.00	57,600.00	-	-	-	-	1	4	6	10

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures					
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>)	254.236	33.515	61.552	101.554	-	101.554	36.424	22.410	13.832	14.107	-	537.630
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	254.236	33.515	61.552	101.554	-	101.554	36.424	22.410	13.832	14.107	-	537.630
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	254.236	33.515	61.552	101.554	-	101.554	36.424	22.410	13.832	14.107	-	537.630
<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>)	-	1.749	2.189	2.055	-	2.055	2.176	0.850	0.328	0.330	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: Airborne Mine Countermeasures (AMCM) Equipment is currently used by MH-53E helicopters to counter the threat of sea mines. The MH-60S helicopter will be adapted for the AMCM mission in support of the development of an Organic Fleet AMCM program. The equipment is divided into three categories -- minesweeping, minehunting and mine neutralization. (1) Minesweeping is performed by mechanical or influence sweeps. In mechanical sweeping, the mine mooring is severed by the sweep gear allowing the mine to float to the surface where it is destroyed. In influence sweeping, a magnetic or acoustic field which simulates the magnetic/acoustic signature of a ship is introduced into the water. This field causes the mine mechanism to actuate. (2) In minehunting, the object is to actually locate and classify mine-like objects (usually by means of high resolution sonar). (3) Then neutralize mines using explosive devices. AMCM squadrons currently have mechanical, magnetic, and acoustic sweeping capabilities, and mine surveillance and marking capabilities. Their mission is to locate, classify, identify and neutralize moored, surface and bottom mines. [P40A / S0020 - MODIFICATION]: S0020 MOD/PROD Funds provided are for the modification and product improvements of systems to accommodate replacement of subsystems/components because of safety, maintainability, reliability issues and obsolescence. ECPs are analyzed, prioritized and screened to accommodate replacement of subsystems/components. Funding for this effort is designated in all fiscal years. [P40A / S0024 AN/AQS-24 Sonar]: AN/AQS-24 sonar is an in-service system that provides for mining capability including detection, classification, localization, identification, and neutralization. The sensor is available from multiple platforms and is used for moored, surface and bottom mines. AN/AQS-24B provides High Speed Synthetic Aperture Sonar (SAS). AN/AQS-24C provides Volume Search Capability. [P40A / S0061 - MK-105 MOD 4]: S0061 MK-105 MOD 4 The MK-105 MOD 4 magnetic mine-sweeping system is a hydrofoil platform that carries a turbo-generator power pack and is towed by the MH-53E helicopter, allowing for safe, high speed sweeping of coarse magnetic influence mines at twice the output of current capability. The production line was shut down in FY2001. This funding re-starts the production line and manufactures new MK-105 MOD 4 systems. [P40A / S0065 - UNIT COST - AMNS]: S0065 AMNS Airborne Mine Neutralization System (AMNS) is an expendable remote controlled neutralizer vehicle deployed from the helicopter platform to reacquire, identify, and neutralize moored or proud bottom sea mines.												

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures
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: For program procurement completeness, the LCS Mission Modules are procured under BLI 1601. [P40A / S0074- UNIT COST - AQS-20A]: S0074 AN/AQS-20A AN/AQS-20A includes a sonar for mine detection, classification and identification. The Navy does not possess a capability to conduct high speed minefield reconnaissance to determine mine density and location. The AN/AQS-20A will be procured to address the emergent requirements for mine identification and to integrate AMCM systems with a MH-60S platform and the Remote Mine Hunting System (RMS). Note: For program procurement completeness, the LCS Mission Modules are procured under BLI 1601. [P40A / S0075- UNIT COST- ALMDS]: S0075 ALMDS Airborne Laser Mine Detection System (ALMDS), AN/AES-1 is a light detection and ranging (LIDAR) system for rapid detection, classification, and localization of floating and near surface mines. It will be deployed on the MH-60S helicopter as part of the OAMCM suite of systems. Note: For program procurement completeness, the LCS Mission Modules are procured under BLI 1601. [P40A / S0076- UNIT COST - OASIS]: S0076 OASIS Organic Airborne and Surface Influence Sweep (OASIS) will provide a self-contained, high speed, multi-function mine sweep capability, towed by the MH-60S helicopter. Note: For program procurement completeness, the LCS Mission Modules are procured under BLI 1601. [P40A / S0090 - OAMCM Support Equipment]: S0090 OAMCM SUPPORT EQUIPMENT Organic Airborne Mine Countermeasure (OAMCM) Support Equipment Organic Reeling Cable Assemblies (ORCA) - Rewind equipment for the OAMCM systems (AN/AQS-20A, AMNS, and OASIS). OPMA - Organic Post Mission Analysis will provide common PMA software for the OAMCM and AN/AQS-24A systems. Software will be installed on the existing LCS computer. Ruggedized portable OPMA computers will be procured for ship-of-opportunity deployments, land-basing and training. Surface Navy Integrated Undersea Tactical Technology (SNIUTT) will be integrated with an AN/SQQ-32, AN/AQS-14, AN/AQS-24, AN/AQS-20A and future OAMCM sensor training modules. OTHER PROGRAM FUNDING: - RDTEN, 0604373N, Airborne Mine Countermeasures		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures

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)
AIRBORNE MINE COUNTERMEASURES	P40A, P5A, P21				254.236			33.515			61.552			101.554			-			101.554
Total Gross/Weapon System Cost					254.236			33.515			61.552			101.554			-			101.554

*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:

Current world mining threats have resulted in increased operational demand of systems to perform AMCM missions. Demand is a direct result of the Fleet to address warfighting gaps and reliability, maintainability, and availability of critical systems to perform world-wide operations. Systems and improvements address a global threat to prevent and deter placement of mines for ships to transit freely. Lack of AMCM capability will result in loss of the Fleet's ability to conduct freedom of maneuver, increasing risk to ships while operating in mine threat areas.

FY13 ATR (Oct 2012) in support of the Urgent Operational Need (UON) for Mine Neutralization capability for CENTCOM provided \$8.2M RDTE funding for AQS-24C development and testing and \$12.5M RDTE to support towing the AQS-24 sonar from Navy owned unmanned surface vehicles (USVs). FY14 OPN additions are for follow on efforts in support of this UON and ATR. \$25M add procures four new AQS-24 sonars to replace FLEET assets used on the USVs. AQS-24 sonars are in high demand due to limited availability. \$33M add procures upgrade kits for the current fleet of AQS-24 sonars. Upgrade kits replace obsolescence parts and add a volume search capability.

On 29 January the Department of the Navy canceled the AN/ALQ-220 Organic Airborne Influence Sweep (OASIS) program. This capability will be provided via an alternate material solution.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures							Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES						
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) S0020 - MODIFICATION																				
1.1) S0020 - MODIFICATION	A		-	-	44.135	-	-	7.098	-	-	11.576	-	-	9.667	-	-	-	-	-	9.667
Subtotal 1) S0020 - MODIFICATION					44.135			7.098			11.576			9.667			-			9.667
2) S0024 AN/AQS-24 Sonar ⁽¹⁾																				
† 2.1) AN/AQS-24 (New)	A		-	-	-	-	-	-	-	-	-	6,250K	4	25.000	-	-	-	6,250K	4	25.000
† 2.2) AN/AQS-24B	A		-	-	-	-	-	-	-	-	-	1,591K	11	17.500	-	-	-	1,591K	11	17.500
† 2.3) AN/AQS-24C	A		-	-	-	-	-	-	-	-	-	2,214K	7	15.500	-	-	-	2,214K	7	15.500
Subtotal 2) S0024 AN/AQS-24 Sonar					-			-			-			58.000			-			58.000
3) S0061 - MK-105 MOD 4																				
† 3.1) MK-105 MOD 4	A		-	-	-	16,600K	1	16.600	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Production Line Set-Up	A		-	-	-	-	-	3.400	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) S0061 - MK-105 MOD 4					-			20.000			-			-			-			-
4) S0065 - UNIT COST - AMNS																				
† 4.1) AMNS	A		2,072K	13	26.936	2,261K	1	2.261	2,286K	1	2.286	2,315K	1	2.315	-	-	-	2,315K	1	2.315
† 4.2) AMNS (MH-53E)	A		-	-	-	-	-	-	-	-	-	2,729K	7	19.100	-	-	-	2,729K	7	19.100
4.3) PRODUCTION ENGINEERING	A		-	-	1.717	-	-	0.158	-	-	0.142	-	-	0.338	-	-	-	-	-	0.338
4.4) TRAINING EQUIPMENT	A		-	-	4.167	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-
4.5) ILS/PUBS/TECH DATA	A		-	-	1.463	-	-	0.114	-	-	0.102	-	-	0.323	-	-	-	-	-	0.323
4.6) SUPPORT EQUIPMENT	A		-	-	2.889	-	-	0.267	-	-	0.270	-	-	0.374	-	-	-	-	-	0.374
Subtotal 4) S0065 - UNIT COST - AMNS					37.172			3.100			2.800			22.450			-			22.450
5) S0074- UNIT COST - AQS-20A																				
5.1) AN/AQS-20A	A		3,492K	18	62.855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) EOID KIT	A		1,671K	4	6.684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) PRODUCTION ECP (HW/SW)	A		-	-	11.114	-	-	0.271	-	-	-	-	-	-	-	-	-	-	-	-
5.4) PRODUCTION EQUIPMENT	A		-	-	3.107	-	-	0.286	-	-	-	-	-	-	-	-	-	-	-	-

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures							Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES					
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)
5.5) NON-RECURRING ENGINEERING	A		-	-	2.586	-	-	0.313	-	-	-	-	-	-	-	-	-	-	-	-
5.6) TRAINING EQUIPMENT	A		-	-	8.425	-	-	0.287	-	-	-	-	-	-	-	-	-	-	-	-
5.7) ILS\PUBS\TECH \DATA	A		-	-	1.893	-	-	0.287	-	-	-	-	-	-	-	-	-	-	-	-
5.8) SUPPORT EQUIPMENT	A		-	-	3.124	-	-	0.287	-	-	-	-	-	-	-	-	-	-	-	-
5.9) CONSULTING SERVICES	A		-	-	1.546	-	-	0.286	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) S0074- UNIT COST - AQS-20A					101.334			2.017			-			-			-			-
6) S0075- UNIT COST- ALMDS																				
† 6.1) ALMDS	A		7,285K	7	50.995	-	-	-	7,338K	4	29.352	-	-	-	-	-	-	-	-	-
6.2) PRODUCTION ENGINEERING	A		-	-	7.278	-	-	-	-	-	1.769	-	-	0.506	-	-	-	-	-	0.506
6.3) PRODUCTION ECP (HW/SW) (2)	A		-	-	2.005	-	-	-	-	-	0.700	-	-	9.731	-	-	-	-	-	9.731
6.4) TRAINING EQUIPMENT	A		-	-	0.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) ILS/PUBS/TECH DATA	A		-	-	2.169	-	-	-	-	-	0.155	-	-	-	-	-	-	-	-	-
6.6) SUPPORT EQUIPMENT	A		-	-	0.729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) S0075- UNIT COST- ALMDS					64.152			-			31.976			10.237			-			10.237
7) S0076- UNIT COST - OASIS																				
† 7.1) OASIS	A		-	-	-	-	-	-	2,617K	3	7.850	-	-	-	-	-	-	-	-	-
7.2) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	1.769	-	-	-	-	-	-	-	-	-
7.3) ENGINEERING CHANGE PROPOSALS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.4) TRAINING EQUIPMENT	A		-	-	-	-	-	-	-	-	0.300	-	-	-	-	-	-	-	-	-
7.5) ILS/PUBS/TECH DATA	A		-	-	-	-	-	-	-	-	0.981	-	-	-	-	-	-	-	-	-
Subtotal 7) S0076- UNIT COST - OASIS					0.000			-			10.900			-			-			-
8) S0090 - OAMCM Support Equipment																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures							Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES						
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) OPMA	A		128,000.00	6	0.768	-	-	-	-	-	-	100,000.00	9	0.900	-	-	-	100,000.00	9	0.900
8.2) SNUITT	A		-	-	0.480	-	-	0.300	-	-	0.300	-	-	0.300	-	-	-	-	-	0.300
† 8.3) ORCA	A		3,098K	2	6.195	-	-	-	1,000K	3	3.000	-	-	-	-	-	-	-	-	-
† 8.4) Tow Cables	A		-	-	-	100,000.00	10	1.000	100,000.00	10	1.000	-	-	-	-	-	-	-	-	-
Subtotal 8) S0090 - OAMCM Support Equipment						7.443			1.300		4.300			1.200			-			1.200
Total						254.236			33.515		61.552			101.554			-			101.554

Footnotes:

- (1) Funding provided for legacy AMCM sonar systems to address high priority MCM warfighting capability gaps to meet Fleet COCOM requirements.
- (2) Production ECP funding will provide hardware/software upgrades to ALMDS units previously procured.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures				Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES				
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) S0024 AN/AQS-24 Sonar												
†2.1) AN/AQS-24 (New)		2014	Northrop Grumman (Annapolis, MD) / Annapolis	SS / FFP	NAVSEA	Jun 2014	Dec 2015	4	6,250K	Y		
†2.2) AN/AQS-24B		2014	Northrop Grumman (Annapolis, MD) / Annapolis	SS / FFP	NAVSEA	Jun 2014	Jun 2015	11	1,591K	Y		
†2.3) AN/AQS-24C		2014	Northrop Grumman (Annapolis, MD) / Annapolis	SS / FFP	NAVSEA	Jun 2014	Jun 2015	7	2,214K	Y		
3) S0061 - MK-105 MOD 4												
†3.1) MK-105 MOD 4		2012	ITT / Panama City, Florida	C / FFP	NSWC PC	Mar 2013	Sep 2014	1	16,600K	Y		Jul 2011
4) S0065 - UNIT COST - AMNS												
†4.1) AMNS		2009	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Sep 2010	Feb 2012	4	2,225K	Y		
†4.1) AMNS		2010	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Jan 2011	Jun 2012	2	2,250K	Y		Apr 2010
†4.1) AMNS		2011	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Jun 2011	Nov 2012	4	2,243K	Y		
†4.1) AMNS		2012	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Jun 2012	Nov 2013	1	2,261K	Y		
†4.1) AMNS		2013	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Jun 2013	Nov 2014	1	2,286K	Y		
†4.1) AMNS		2014	Raytheon / Portsmouth, RI	SS / FFP	NAVSEA	Jun 2014	Nov 2015	1	2,315K	Y		
†4.2) AMNS (MH-53E)		2014	Lockheed Martin / Syracuse, NY	SS / FFP	NAVSEA	Jun 2014	Dec 2015	7	2,729K	N	Mar 2013	Mar 2013
6) S0075- UNIT COST- ALMDS												
†6.1) ALMDS		2010	Northrup Grumman / Melbourne, Florida	SS / FFP	NSWC PC	Sep 2010	Mar 2012	3	7,159K	Y		Dec 2008
†6.1) ALMDS		2011	Northrup Grumman / Melbourne, Florida	SS / FFP	NSWC PC	Mar 2012	Sep 2013	2	7,100K	Y		Oct 2011
†6.1) ALMDS		2013	Unknown / Unknown	C / FFP	NSWC PC	Jun 2013	Dec 2014	4	7,338K	N	Mar 2012	Mar 2012
7) S0076- UNIT COST - OASIS												
†7.1) OASIS		2013	ITT / Panama City, Florida	SS / FFP	NAVSEA	Feb 2013	Aug 2014	3	2,617K	Y		Apr 2012
8) S0090 - OAMCM Support Equipment												
†8.1) OPMA		2014	Unknown / Unknown	C / FFP	NAVSEA	Mar 2014	Mar 2015	9	100,000.00	N	Mar 2013	Mar 2013
†8.3) ORCA		2013	Rolls Royce / Canada	C / FFP	NSWC PC	Mar 2013	Mar 2014	3	1,000K	N	Mar 2012	Mar 2012
†8.4) Tow Cables		2012	Cogent, UK / UNKNOWN	C / FFP	NSWC, PC	May 2012	May 2013	10	100,000.00	Y		May 2011
†8.4) Tow Cables		2013	Cogent, UK / UNKNOWN	C / FFP	NSWC, PC	May 2013	May 2014	10	100,000.00	Y		May 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures														Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES											
Items <i>(Units in Each)</i>							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					
All Prior Years Deliveries: 6																																			
	28	2014	NAVY	9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9				
8.3) ORCA																																			
All Prior Years Deliveries: 2																																			
	29	2013	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
8.4) Tow Cables																																			
	30	2012	NAVY	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10				
	30	2013	NAVY	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10				
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures														Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES											
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					
All Prior Years Deliveries: 6																																			
	28	2014	NAVY	9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9				
8.3) ORCA																																			
All Prior Years Deliveries: 2																																			
	29	2013	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	3				
8.4) Tow Cables																																			
	30	2012	NAVY	10	-	10	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	3	-				
	30	2013	NAVY	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	10				
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures														Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES									
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												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			
All Prior Years Deliveries: 6																																	
	28	2014	NAVY	9	-	9	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	1		-	
8.3) ORCA																																	
All Prior Years Deliveries: 2																																	
	29	2013	NAVY	3	-	3	-	-	-	-	-	-	1	1	1																	-	
8.4) Tow Cables																																	
	30	2012	NAVY	10	10	-																										-	
	30	2013	NAVY	10	-	10	-	-	-	-	-	-	-	4	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures													Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES												
Items (Units in Each)							Fiscal Year 2016												Fiscal Year 2017																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016																		Calendar Year 2017										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) S0024 AN/AQS-24 Sonar																																			
2.1) AN/AQS-24 (New)																																			
	19	2014	NAVY	4	-	4	-	-	1	-	1	1	1																	-					
2.2) AN/AQS-24B																																			
	20	2014	NAVY	11	8	3	2	1																						-					
2.3) AN/AQS-24C																																			
	21	2014	NAVY	7	5	2	2																							-					
3) S0061 - MK-105 MOD 4																																			
3.1) MK-105 MOD 4																																			
	22	2012	NAVY	1	1	-																								-					
4) S0065 - UNIT COST - AMNS																																			
4.1) AMNS																																			
All Prior Years Deliveries: 3																																			
	23	2009	NAVY	4	4	-																							-						
	23	2010	NAVY	2	2	-																							-						
	23	2011	NAVY	4	4	-																							-						
	23	2012	NAVY	1	1	-																							-						
	23	2013	NAVY	1	1	-																							-						
	23	2014	NAVY	1	-	1	-	1																						-					
4.2) AMNS (MH-53E)																																			
	24	2014	NAVY	7	-	7	-	-	2	2	2	1																	-						
6) S0075- UNIT COST- ALMDS																																			
6.1) ALMDS																																			
All Prior Years Deliveries: 2																																			
	25	2010	NAVY	3	3	-																							-						
	25	2011	NAVY	2	2	-																							-						
	26	2013	NAVY	4	4	-																							-						
7) S0076- UNIT COST - OASIS																																			
7.1) OASIS																																			
	27	2013	NAVY	3	3	-																								-					
8) S0090 - OAMCM Support Equipment																																			
8.1) OPMA																																			
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures													Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES										
Items (Units in Each)							Fiscal Year 2016													Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017												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			
All Prior Years Deliveries: 6																																	
	28	2014	NAVY	9	9	-																										-	
8.3) ORCA																																	
All Prior Years Deliveries: 2																																	
	29	2013	NAVY	3	3	-																										-	
8.4) Tow Cables																																	
	30	2012	NAVY	10	10	-																										-	
	30	2013	NAVY	10	10	-																										-	
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4248 - Airborne Mine Countermeasures	Aggregated Item Name: AIRBORNE MINE COUNTERMEASURES

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		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	Northrop Grumman (Annapolis, MD) - Annapolis	-	-	-	-	-	18	18	-	-	18	18
2	Northrop Grumman (Annapolis, MD) - Annapolis	-	-	-	-	-	12	12	-	-	12	12
3	Northrop Grumman (Annapolis, MD) - Annapolis	3.00	5.00	18.00	-	-	12	12	-	-	12	12
4	ITT - Panama City, Florida	1.00	3.00	6.00	-	-	18	18	-	-	18	18
5	Raytheon - Portsmouth, RI	1.00	8.00	24.00	-	-	17	17	-	-	17	17
6	Lockheed Martin - Syracuse, NY	2.00	7.00	14.00	-	-	18	18	-	-	18	18
7	Northrup Grumman - Melbourne, Florida	3.00	12.00	24.00	-	-	18	18	-	-	18	18
8	Unknown - Unknown	3.00	12.00	24.00	-	-	18	18	-	-	18	18
9	ITT - Panama City, Florida	3.00	7.00	7.00	-	-	18	18	-	-	18	18
10	Unknown - Unknown	3.00	10.00	20.00	-	-	12	12	-	-	12	12
11	Rolls Royce - Canada	-	-	-	-	-	12	12	-	-	12	12
12	Cogent, UK - UNKNOWN	-	-	-	-	-	12	12	-	-	12	12

"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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4255 - LAMPS MK III Shipboard 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>	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	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>	-	1.369	1.266	0.665	-	0.665	0.935	0.890	0.893	0.987	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 Non-Recurring Engineering (NRE), procurement and installation of AN/SRQ-4(Ku) field install kits. This system encompasses hardware and software to transmit sensor data from the Light Airborne Multi-Purpose System (LAMPS) MK III aircraft to the host ship classes (cruisers, destroyers, and frigates). The minimum sustaining production rate is 4 kits per Fiscal Year.

Program spares are budgeted by NAVSEA OPN BLI 9020.

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 - S1010-SRQ(KU)-4	P3A				178.314			12.908			18.771			18.293			-			18.293
Total Gross/Weapon System Cost					178.314			12.908			18.771			18.293			-			18.293

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 - S1010-SRQ(KU)-4	P3A				20.427			20.706			21.114			27.431	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4255 - LAMPS MK III Shipboard 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	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				20.427			20.706			21.114			27.431	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 FY14 request funds the procurement of 5 AN/SRQ-4(Ku) ship units and associated support to meet the MH-60R fleet deployment schedule. The data funding supports Ship Installation Documentation and Ship Change Proposals on multiple CG and DDG class ships scheduled for shipcheck and modernization changes as part of the fielding plan. FY12 is below minimum sustaining productions rate. This lower rate is sustainable for one year only. Support costs increase in FY14 is due to increased kit quantities in production from FY13 to FY14, specific training equipment required for initial outfitting and increase in interim contractor 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4255 - LAMPS MK III Shipboard Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - S1010-SRQ(KU)-4			
Models of Systems Affected: LAMPS MK III			Type Modification: Non-Organic					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>)	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	178.314	12.908	18.771	18.293	-	18.293	20.427	20.706	21.114	27.431	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: This program provides for non-recurring engineering, procurement and associated installation and support of AN/SRQ-4(Ku) field install kits. This system encompasses hardware and software to transmit sensor data from the Light Airborne Multi-Purpose System (LAMPS) MK III MH-60R aircraft to the host ship classes.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4255 - LAMPS MK III Shipboard Equipment					Modification Nomenclature (Modification Number - Modification Title): 1 - S1010-SRQ(KU)-4				
Models of Systems Affected: LAMPS MK III			Type Modification: Non-Organic					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												
S1010-SRQ(KU)-4												
B Kits												
Recurring												
1.1.1) Recurring - NonOrganic ⁽¹⁾												
Subtotal Recurring												
Non-Recurring												
1.2.1) NRE - Organic												
Subtotal Non-Recurring												
Total, S1010-SRQ(KU)-4												
Total Procurement, All Modifications												
Support												
2.1) Data												
2.2) Support Equipment												
2.3) ILS												
2.4) Production Engineering												
2.5) Acceptance Test & Evaluation												
2.6) GFE												
2.7) Interim Contractor Support												
2.8) Training Equipment												
Total Support, All Modifications												
Total Procurement and Support												
S1010-SRQ(KU)-4 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4255 - LAMPS MK III Shipboard Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - S1010-SRQ(KU)-4		

Models of Systems Affected: LAMPS MK III	Type Modification: Non-Organic	Related RDT&E PEs:

Manufacturer Information: S1010-SRQ(KU)-4

Manufacturer Name: L3	Manufacturer Location: Salt Lake City, UT
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 25

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Aug 2012	Apr 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates	Sep 2014	May 2015	Feb 2016	Feb 2017	Feb 2018	Feb 2019	Feb 2020

Installation: S1010-SRQ(KU)-4	Method of Implementation: NAWCAD St. Inigoes Installation Team	Installation Name: AN/SRQ-4 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	- / -	3 / 1.099	12 / 2.730	11 / 2.587	0 / 0.000	11 / 2.587	3 / 0.707	- / -	- / -	- / -	- / -	29 / 7.123
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.716	- / -	- / -	- / -	- / -	3 / 0.716
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.957	2 / 0.646	- / -	- / -	- / -	5 / 1.603
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.187	- / -	- / -	- / -	5 / 2.187
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.029	- / -	- / -	8 / 3.029
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.077	- / -	8 / 3.077
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.112	8 / 3.112
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 5.236	11 / 5.236
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 11.030	25 / 11.030
Total	- / -	3 / 1.099	12 / 2.730	11 / 2.587	- / -	11 / 2.587	9 / 2.380	7 / 2.833	8 / 3.029	8 / 3.077	44 / 19.378	102 / 37.113

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	6	3	2	1	5	3	2	1	3	3	2	1	2	1	1	3	-	2	3	3	-	2	3	3	44	102
Out	-	-	-	1	2	6	3	2	1	5	3	2	1	3	3	2	1	2	1	1	3	-	2	3	3	-	2	3	3	44	102

Footnotes:
⁽¹⁾ N86 CDL Hawklark Ship Radar Cross Section Signature Improvement letter (11 May 2011) as well as emergent requirement to integrate Fiber Optic Data Multiplex System & Navigational Sensor Interface to allow communication with Cruiser-Destroyer ships provides justification to realign funds to NRE in FY12-13 to accomplish directed mission. Notes for installation schedule: 1. Ship Installations are phased as follows: FY12 procurements: (3) Q2 FY15 FY13 procurements: (2) Q3 FY15; (1) Q4 FY15; (2) Q1 FY16 FY14 procurements: (1) Q2 FY16; (1) Q3 FY16; (3) Q4 FY16 FY15 procurements: (2) Q2 FY17; (3) Q3 FY17; (3) Q4 FY17 FY16 procurements: (2) Q2 FY18; (3) Q3 FY18; (3) Q4 FY18 2. Installations are subject to changes in ship availability schedules. 3. Installation unit costs have been updated to reflect estimates based on actual costs on FY12 first completed DDG install (USS WAYNE E. MEYER). 4. Unit costs vary due to ship class, hull and configuration.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids													
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>)	15.449	8.778	7.954	7.969	-	7.969	8.126	8.251	8.386	8.532	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	15.449	8.778	7.954	7.969	-	7.969	8.126	8.251	8.386	8.532	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	15.449	8.778	7.954	7.969	-	7.969	8.126	8.251	8.386	8.532	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: Portable Electronic Maintenance Aids (PEMAs) are Aviation Support Equipment end items used by fleet technicians to assist in performing maintenance and diagnostics of aircraft. Funding is required to procure the necessary hardware, software applications, initial stand up, and production support. PEMAs are a portable display device used in the Automated Maintenance Environment (AME) to read digital maintenance publications and Integrated Electronic Technical Manuals (IETMs). PEMAs with IETMs applications interpret aircraft Binary Digit (BIT) Data to diagnose the aircraft systems and direct maintenance actions.																				
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)
Portable Electronic Maintenance Aids	P40A, P5A, P21				15.449			8.778			7.954			7.969			-			7.969
Total Gross/Weapon System Cost					15.449			8.778			7.954			7.969			-			7.969
*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: FY12 Provides funding to procure 1,846 PEMA units and associated support cost.																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment		P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): FY13 Provides funding to procure 1,645 PEMA units and associated support cost. FY14 Provides funding to procure 1,616 PEMA units and associated support cost.		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment						P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids									Aggregated Item Name: Portable Electronic Maintenance Aids					
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) Hardware																				
† 1.1) S6001 Portable Electronic Maintenance Aids (PEMAs) ⁽¹⁾	A		4,023.44	3,328	13.390	3,847.24	1,846	7.102	3,869.00	1,645	6.364	3,926.98	1,616	6.346	-	-	-	3,926.98	1,616	6.346
Subtotal 1) Hardware					13.390			7.102			6.364			6.346			-			6.346
2) Production Support																				
2.1) S6820 Portable Electronic Maintenance Aids (PEMAs)	A		-	-	2.059	-	-	1.676	-	-	1.590	-	-	1.623	-	-	-	-	-	1.623
Subtotal 2) Production Support					2.059			1.676			1.590			1.623			-			1.623
Total					15.449			8.778			7.954			7.969			-			7.969
Footnotes: ⁽¹⁾ Note 1: Quantities of PEMAs are derived from actual current inventory, as reported by the fleet in the mandated asset tracking system Support Equipment Management System (SEMS). This program is a replenishment of these fielded systems on a one for one basis as required.																				

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids					Aggregated Item Name: Portable Electronic Maintenance Aids			
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) Hardware												
†1.1) S6001 Portable Electronic Maintenance Aids (PEMAs)		2012	Panasonic of North America / Secaucus, NJ	C / IDIQ	NAWCAD LKE	Jan 2012	Mar 2012	1,846	3,847.24	Y		Dec 2011
†1.1) S6001 Portable Electronic Maintenance Aids (PEMAs)		2013	Panasonic of North America / Secaucus, NJ	C / IDIQ	NAWCAD LKE	Dec 2012	Feb 2013	1,645	3,869.00	Y		Dec 2012
†1.1) S6001 Portable Electronic Maintenance Aids (PEMAs)		2014	Panasonic of North America / Secaucus, NJ	C / IDIQ	NAWCAD LKE	Feb 2014	Apr 2014	1,616	3,926.98	Y		Dec 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment												P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids												Aggregated Item Name: Portable Electronic Maintenance Aids													
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												
							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						
1) Hardware																																					
1.1) S6001 Portable Electronic Maintenance Aids (PEMAs)																																					
All Prior Years Deliveries: 3328																																					
	31	2012	NAVY	1,846	-	1,846	-	-	-	A -	-	180	180	180	180	180	180	180	180	120	106											-					
	31	2013	NAVY	1,645	-	1,645	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	180	180	180	180	180	180	180	180	205							
	31	2014	NAVY	1,616	-	1,616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,616								
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids										Aggregated Item Name: Portable Electronic Maintenance Aids													
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										BAL						
							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) Hardware																																	
1.1) S6001 Portable Electronic Maintenance Aids (PEMAs)																																	
All Prior Years Deliveries: 3328																																	
	31	2012	NAVY	1,846	1,846	-																											-
	31	2013	NAVY	1,645	1,440	205	105	100																									-
	31	2014	NAVY	1,616	-	1,616	-	-	-	A -	-	200	240	240	240	240	240	216															-
							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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4264 - Portable Electronic Maintenance Aids	Aggregated Item Name: Portable Electronic Maintenance Aids

		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	Panasonic of North America - Secaucus, NJ	500.00	2,000.00	5,000.00	-	-	-	-	-	5	2	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-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment					
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>)	123.610	30.779	10.023	5.215	-	5.215	9.007	8.362	10.194	10.380	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	123.610	30.779	10.023	5.215	-	5.215	9.007	8.362	10.194	10.380	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	123.610	30.779	10.023	5.215	-	5.215	9.007	8.362	10.194	10.380	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:
 Decision Knowledge Programming for Logistics Analysis and Technical Evaluation (DECKPLATE) (S7039):
 DECKPLATE is the next generation of Naval Aviation Logistics Data Analysis (NALDA) and will interface with Navy Enterprise Resource Program (ERP) as the Naval Aviation Business Warehouse. It provides the technological improvements and process streamlining required to enable a cost wise transition from the NALDA program to the capabilities required in Joint Vision 2020 and the Naval Transformation Road Map. DECKPLATE is a Commercial Off the Shelf (COTS) intensive system under which numerous stovepipe legacy systems will migrate to create an integrated data environment through the use of Data Warehouse tools and concepts in support of Naval aviation logistics needs. This is being accomplished by upgrading current Naval Aviation logistics reporting mechanisms through the procurement and installation of a fully-licensed, warranted, secure, standardized, COTS, user-friendly, web-based relational database environment. Funding is required to procure the necessary hardware, networking, systems, applications software, infrastructure, and associated engineering and installation support.

Naval Aviation Logistics Command Management Information System (NALCOMIS) (S7041):
 As Optimized Organizational Maintenance Activity (OOMA) and Optimized Intermediate Maintenance Activity (OIMA) approach full implementation, NALCOMIS (also identified as Naval Air Systems Command Fleet Systems Array (NFSA)) is responsible for implementation of Mid Tier Servers at 75+ sites both shipboard and shore based. These Mid Tier Servers replicate data from the Organizational and Intermediate level maintenance activities to the NALDA Upline processing center to provide near-real time data to decision makers at all levels. The Mid Tier also allows data to be pushed from Headquarters activities to the fleet to support maintenance activities.

Joint Technical Data Integration (JTDI) (S7042):
 Funding supports the requirement to procure JTDI for installation on all Carrier (CV) and Amphibious Assault (L) class ships and up to 104 Navy/Marine Corp aviation activities. JTDI is a digital technical data access, delivery and local O&I level library management toolset and telemaintenance collaboration process enabler. It improves accuracy and timeliness of technical manual and other technical data delivery and minimizes the Fleet's library management burden. JTDI reduces maintenance manhours with savings Return on Investment (ROI) of 2.5:1 and savings/avoidance ROI of 9.5:1. It facilitates the transition of the Joint Distance Support and Response (JDSR) Advanced Concept Technology Demonstration (ACTD) for telemaintenance and provides for process efficiencies to support ongoing Aviation Fleet Technical Representative reductions.

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment									

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

MDAP/MAIS Code(s):

Joint Technical Data Integration (JTDI) Overseas Contingency Operations (OCO FY12) (S7042):
Procurement of distance support telemaintenance kits for deployed Technical Representatives (Tech Reps), Marine Corps Air Logistics squadrons (MALS), Aviation Intermediate Maintenance Departments (AIMD) on board all Carrier Class and L Class ships and Expeditionary Airfield Units (EAF) units in support of OCO Tactical Operations. Increased OpTempo of aircraft in support of OCO have driven the need for deployable distance support telemaintenance capabilities that reduce repair cycle time and improves overall maintenance Turn Around Time (TaT).

Marine Aviation Logistics Support Program II (MALSP II) Expeditionary Pack up Kit (EPUK) (S7046):
MALSP II allows USMC to meet current and future operational requirements in austere expeditionary environments across the Range of Military Operations (ROMO). MALSP II will allow aviation logisticians to decrease total infrastructure and resource inventories forward by moving the preponderance of the Maintenance and Supply workload to the CONUS Parent (P)MALS, and reducing the total forward Aviation Logistics footprint (personnel, equipment, facilities and spares). EPUK, as part of MALSP II, is an automated wireless hardware/software solution that is a key enabler in integrating US Marine Corp Aviation Combat Element (ACE) and Logistics Combat Element (LCE) logistics systems to make the Marine Air Ground Task Force (MAGTF) more responsive, agile, flexible and lethal, in support of OCO requirements, the Naval Aviation Enterprise (NAE) Strategic Plan, Marine Corps Vision & Strategy 2025, and the USMC Long War Concept. Funding is required to procure the necessary hardware, hand-held peripherals, satellite communication units, and associated engineering and hardware support.

Automated Data Capture System (ADCS) (S7047):
ADCS is a user friendly, interactive mobile computing system currently in use at depot-level Fleet Readiness Centers to document and analyze aircraft discrepancies discovered during scheduled maintenance events. Inspectors use menu driven checklists plus digital aircraft and engine drawings during inspection and evaluation to create immediate discrepancy records and produce real time reports that fulfill customer and specification requirements. Requested funding will provide hardware and software for a lead-the-Fleet effort that will enable the organizational maintenance level to utilize ADCS to better document vital corrosion and wiring related discrepancy information. Once captured, this information will be analyzed by organizational level maintenance department personnel and depot level engineers to develop targeted mitigation strategies aimed at reducing or removing corrosion in identified areas. The results of the analysis made possible by using ADCS will greatly improve our understanding of where and how corrosion is affecting our aircraft, resulting in the formulation of statistically targeted area identification and sound attack strategies.

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)
Other Aviation Support Equipment	P40A, P5A				111.400			25.114			10.023			5.215			-			5.215
1 - ALIS SHIP INSTALLATION S7910	P3A				12.210			5.665			-			-			-			-
Total Gross/Weapon System Cost					123.610			30.779			10.023			5.215			-			5.215

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)
Other Aviation Support Equipment	P40A, P5A				-			-			-			-			-			-
1 - ALIS SHIP INSTALLATION S7910	P3A				-			-			-			-			-			17.875

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment											P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment										
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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	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				9.007			8.362			10.194			10.380	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment								Aggregated Item Name: Other Aviation 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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	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) Naval Aviation Logistics Data Analysis Decision Knowledge Programming for Logistics Analysis																				
† 1.1) S7039 - Aviation Data Warehouse Environment ⁽¹⁾	A		10,041.000	1	10.041	206.000	1	0.206	494.000	1	0.494	800.000	1	0.800	-	-	-	800.000	1	0.800
Subtotal 1) Naval Aviation Logistics Data Analysis Decision Knowledge Programming for Logistics Analysis					10.041			0.206			0.494			0.800			-			0.800
2) HW & SW Naval Aviation Logistics Command Management Information System (NALCOMIS)																				
† 2.1) S7041 - Naval Air Systems Command Fleet System Array ⁽²⁾	A		26,066.000	1	26.066	1,128.130	1	1.128	2,809.000	1	2.809	793.000	1	0.793	-	-	-	793.000	1	0.793
Subtotal 2) HW & SW Naval Aviation Logistics Command Management Information System (NALCOMIS)					26.066			1.128			2.809			0.793			-			0.793
3) Joint Technical Data Integration (JTDI)																				
† 3.1) S7042 - JTDI Suites ⁽³⁾	A		64,446.000	1	64.446	1,981.000	1	1.981	3,107.000	1	3.107	1,145.000	1	1.145	-	-	-	1,145.000	1	1.145
† 3.2) S7042 - Distance Support Kits for Expeditionary Air Field	A		-	-	-	3,472.000	1	3.472	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) S7042 - Telemaintenance Kits	A		-	-	-	3,600.000	1	3.600	-	-	-	-	-	-	-	-	-	-	-	-
† 3.4) S7042 - Outside the Continental US Regional Servers	A		-	-	-	1,282.000	1	1.282	-	-	-	-	-	-	-	-	-	-	-	-
† 3.5) S7042 - Secret Internet Protocol Router Network Top Tier	A		-	-	-	5,992.000	1	5.992	-	-	-	-	-	-	-	-	-	-	-	-
† 3.6) S7042 - Transit Cases	A		-	-	-	2,362.000	1	2.362	-	-	-	-	-	-	-	-	-	-	-	-
† 3.7) S7042 - Portable Electronic Maint Aid (PEMA) Deployable Wireless Kits	A		-	-	-	1,518.000	1	1.518	-	-	-	-	-	-	-	-	-	-	-	-

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment							P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment								Aggregated Item Name: Other Aviation 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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	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 3) Joint Technical Data Integration (JTDI)					64.446			20.207			3.107			1.145			-			1.145
4) Marine Aviation Logistics Support Program II (MALSP)/ Expeditionary Pack Up Kits (EPUK)																				
† 4.1) S7046 - Expeditionary Pack Up Kits ⁽⁴⁾	B		-	-	-	353.230	1	0.353	913.220	1	0.913	126.000	1	0.126	-	-	-	126.000	1	0.126
Subtotal 4) Marine Aviation Logistics Support Program II (MALSP)/Expeditionary Pack Up Kits (EPUK)					-			0.353			0.913			0.126			-			0.126
5) Automated Data Capture System (ADCS)																				
† 5.1) S7047 - ADCS Hardware	B		-	-	-	4.000	20	0.080	4.000	20	0.080	-	-	-	-	-	-	-	-	-
† 5.2) S7047 - ADCS Software	B		-	-	-	347.000	1	0.347	391.000	1	0.391	306.000	1	0.306	-	-	-	306.000	1	0.306
Subtotal 5) Automated Data Capture System (ADCS)					-			0.427			0.471			0.306			-			0.306
6) Production Engineering Support (AIR6.8)																				
6.1) S7833 - Aviation Data Warehouse Environment	A		-	-	2.461	-	-	0.239	-	-	-	-	-	0.576	-	-	-	-	-	0.576
6.2) S7833 - Naval Air Systems Command Fleet System Arrays	A		-	-	5.548	-	-	1.048	-	-	0.990	-	-	0.842	-	-	-	-	-	0.842
6.3) S7833 - JTDI Suites	A		-	-	2.838	-	-	1.323	-	-	1.100	-	-	0.503	-	-	-	-	-	0.503
6.4) S7833 - ADCS HW SW Engineering	A		-	-	-	-	-	0.183	-	-	0.139	-	-	0.124	-	-	-	-	-	0.124
Subtotal 6) Production Engineering Support (AIR6.8)					10.847			2.793			2.229			2.045			-			2.045
Total					111.400			25.114			10.023			5.215			-			5.215

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment								P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment							Aggregated Item Name: Other Aviation 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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	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) Naval Aviation Logistics Data Analysis Decision Knowledge Programming for Logistics Analysis																				
† 1.1) S7039 - Aviation Data Warehouse Environment ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Naval Aviation Logistics Data Analysis Decision Knowledge Programming for Logistics Analysis					-		-		-			-			-					-
2) HW & SW Naval Aviation Logistics Command Management Information System (NALCOMIS)																				
† 2.1) S7041 - Naval Air Systems Command Fleet System Array ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) HW & SW Naval Aviation Logistics Command Management Information System (NALCOMIS)					-		-		-			-			-					-
3) Joint Technical Data Integration (JTDI)																				
† 3.1) S7042 - JTDI Suites ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) S7042 - Distance Support Kits for Expeditionary Air Field	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) S7042 - Telemaintenance Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.4) S7042 - Outside the Continental US Regional Servers	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.5) S7042 - Secret Internet Protocol Router Network Top Tier	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.6) S7042 - Transit Cases	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.7) S7042 - Portable Electronic Maint Aid (PEMA) Deployable Wireless Kits	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment									P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment							Aggregated Item Name: Other Aviation 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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal 3) Joint Technical Data Integration (JTDI)</i>					-			-			-			-			-			-
4) Marine Aviation Logistics Support Program II (MALSP)/ Expeditionary Pack Up Kits (EPUK)																				
† 4.1) S7046 - Expeditionary Pack Up Kits ⁽⁴⁾	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) Marine Aviation Logistics Support Program II (MALSP)/Expeditionary Pack Up Kits (EPUK)</i>					-			-			-			-			-			-
5) Automated Data Capture System (ADCS)																				
† 5.1) S7047 - ADCS Hardware	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.2) S7047 - ADCS Software	B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) Automated Data Capture System (ADCS)</i>					-			-			-			-			-			-
6) Production Engineering Support (AIR6.8)																				
6.1) S7833 - Aviation Data Warehouse Environment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) S7833 - Naval Air Systems Command Fleet System Arrays	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) S7833 - JTDI Suites	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) S7833 - ADCS HW SW Engineering	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) Production Engineering Support (AIR6.8)</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-

Footnotes:

(1) The unit cost increase for Aviation Data Warehouse (S7039) from FY13 to FY14 is due to end of life hardware/software within DECKPLATE which will cease authorized operation, thus disconnect servers from Naval networks. Current refresh schedule is every five years. Adherence to this plan offers cost savings and operational reliability. A deviation from a five year cycle results in end of life hardware/software and exponential warranty costs. A decision was made to move funding between hardware/software lines within BLI 4265 in order to facilitate the support development/modernization efforts for the DECKPLATE (S7039) program to prevent the end of life hardware/software issue. As new capabilities (both planned requirements and ITEXOMMM System Consolidation requirements) are incorporated into DECKPLATE,

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment	Aggregated Item Name: Other Aviation Support Equipment
the hardware and software infrastructure will need to be modernized/expanded as seen in the increase between FY13 and FY14. This modernization/expansion will include, but is not limited to, the procurement of tech refresh of hardware/software, additional storage, and additional memory and/or processor upgrades. (2) The unit cost increase for Naval Air Systems Command Fleet Systems Array (NFA) (S7041) from FY12 to FY13 is necessary to facilitate technical refresh of hardware/software due to end of life. Current refresh schedule is every five years. Adherence to this plan offers cost savings and operational reliability. A deviation from a five year cycle results in end of life hardware/software, exponential warranty costs, unauthorized operation and disconnected servers from Naval networks. Additionally, a unit cost increase from FY14 to FY15 is necessary to facilitate technical refresh of hardware/software due to end of life. (3) Increase in unit cost of the JTDI Suites (S7042) between FY12 to FY13 is due to a requirement to implement the critical technical refresh of top tier hardware in the quantity of 1 lot purchase in FY13. This includes continuity of operations. Existing equipment is at or near end of life. Current technical refresh schedule is every five years. JTDI's critical technical refresh would again require technical refresh in FY18 which would account for the increase between FY17 and FY18. (4) Increase in unit cost for EPUK (S7046) between FY12 to FY13 and FY14 to FY15 is due to an increase requirement in the number of Expeditionary Pack Up Kits suites being fielded to the Marine Aviation Logistics Squadrons. Additionally, the increase in cost between FY16 and FY17 is to provide funding to add additional functionality to the Expeditionary Pack Up Kits which will enable sustainment of operations in austere environments.		

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment					Aggregated Item Name: Other Aviation 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 (Each)	Unit Cost (\$ K.)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Naval Aviation Logistics Data Analysis Decision Knowledge Programming for Logistics Analysts												
1.1) S7039 - Aviation Data Warehouse Environment		2012	Teradata Government Systems / Germantown MD	C / FFP	NAVSUP	Apr 2012	Jun 2012	1	206.000	Y		Jan 2012
1.1) S7039 - Aviation Data Warehouse Environment		2013	NAWCAD PAX / NAWCAD PAX	C / FFP	NAWCAD	Apr 2013	Jun 2013	1	494.000	Y		Jan 2013
1.1) S7039 - Aviation Data Warehouse Environment		2014	Teradata Government Systems / Germantown MD	C / FFP	NAVSUP	Apr 2014	Jun 2014	1	800.000	Y		Jan 2014
2) HW & SW Naval Aviation Logistics Command Management Information System (NALCOMIS)												
2.1) S7041 - Naval Air Systems Command Fleet System Array		2012	VARIOIUS / VARIOUS	C / FFP	NAVSUP	Aug 2012	Oct 2012	1	1,128.130	Y		Jan 2012
2.1) S7041 - Naval Air Systems Command Fleet System Array		2013	VARIOIUS / VARIOUS	C / FFP	NAVSUP	Aug 2013	Oct 2013	1	2,809.000	Y		Jan 2013
2.1) S7041 - Naval Air Systems Command Fleet System Array		2014	VARIOIUS / VARIOUS	C / FFP	NAVSUP	Aug 2014	Oct 2014	1	793.000	Y		Jan 2014
3) Joint Technical Data Integration (JTDI)												
3.1) S7042 - JTDI Suites		2012	Aranea / Huntsville, AL	C / IDIQ	NAVSUP	Dec 2011	Mar 2012	1	1,981.000	Y		Oct 2011
3.1) S7042 - JTDI Suites		2013	Aranea / Huntsville, AL	C / IDIQ	NAVSUP	Dec 2012	Mar 2013	1	3,107.000	Y		Oct 2012
3.1) S7042 - JTDI Suites		2014	TBD / TBD	C / TBD	NAVSUP	Apr 2014	Jul 2014	1	1,145.000	Y		Feb 2012
3.2) S7042 - Distance Support Kits for Expeditionary Air Field	✓	2012	VARIOIUS / VARIOUS	WR	PMDCATS	Dec 2012	Jan 2013	1	3,472.000	Y		
3.3) S7042 - Telemaintenance Kits	✓	2012	VARIOIUS / VARIOUS	C / FFP	PMDCATS	Sep 2012	Jan 2013	1	3,600.000	Y		
3.4) S7042 - Outside the Continental US Regional Servers	✓	2012	VARIOIUS / VARIOUS	C / TBD	VARIOUS	Mar 2013	Jun 2013	1	1,282.000	Y		
3.5) S7042 - Secret Internet Protocol Router Network Top Tier	✓	2012	VARIOIUS / VARIOUS	C / FFP	VARIOUS	Mar 2013	Jun 2013	1	5,992.000	Y		
3.6) S7042 - Transit Cases	✓	2012	NAWCAD PAX / NAWCAD PAX	WR	NAWCAD	Mar 2013	Jun 2013	1	2,362.000	Y		
3.7) S7042 - Portable Electronic Maint Aid (PEMA) Deployable Wireless Kits	✓	2012	VARIOIUS / VARIOUS	C / FFP	VARIOUS	Apr 2013	Aug 2013	1	1,518.000	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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment					Aggregated Item Name: Other Aviation 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>(\$ K)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4) Marine Aviation Logistics Support Program II (MALSP)/ Expeditionary Pack Up Kits (EPUK)												
4.1) S7046 - Expeditionary Pack Up Kits		2012	TBD / TBD	C / FFP	SPAWAR	Jun 2013	Sep 2013	1	353.230	Y		Mar 2013
4.1) S7046 - Expeditionary Pack Up Kits		2013	TBD / TBD	C / FFP	SPAWAR	Jun 2013	Sep 2013	1	913.220	Y		Mar 2013
4.1) S7046 - Expeditionary Pack Up Kits		2014	TBD / TBD	C / FFP	SPAWAR	Mar 2014	Jun 2014	1	126.000	Y		Jan 2014
5) Automated Data Capture System (ADCS)												
5.1) S7047 - ADCS Hardware		2012	CACI / CACI	C / FFP	ARMY	Jun 2012	Sep 2012	20	4.000	Y		Apr 2012
5.1) S7047 - ADCS Hardware		2013	CACI / CACI	C / FFP	ARMY	Jun 2013	Sep 2013	20	4.000	Y		Apr 2013
5.2) S7047 - ADCS Software		2012	CACI / CACI	C / CPFF	ARMY	Aug 2012	Sep 2012	1	347.000	Y		Jun 2012
5.2) S7047 - ADCS Software		2013	CACI / CACI	C / FFP	ARMY	Mar 2013	Apr 2013	1	391.000	Y		Feb 2013
5.2) S7047 - ADCS Software		2014	CACI / CACI	C / FFP	ARMY	Feb 2014	Mar 2014	1	306.000	Y		Jan 2014

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment					Modification Nomenclature (Modification Number - Modification Title): 1 - ALIS SHIP INSTALLATION S7910				
Models of Systems Affected: CVN, LHD, & LHA			Type Modification: Add Capability					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)	12.210	5.665	-	-	-	-	-	-	-	-	-	17.875
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	12.210	5.665	-	-	-	-	-	-	-	-	-	17.875
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	12.210	5.665	-	-	-	-	-	-	-	-	-	17.875
(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: Autonomic Logistics Information System (ALIS) Ship Installation. Funding will be used to install JSF computer hardware at the appropriate security levels, providing Navy's Local Area Network (LAN/WAN) networks ability to transfer critical time sensitive data for JSF in support of aircraft logistics, mission planning, execution and debriefing. ALIS cost codes S7044, S7834, and S7910 moves to BLI 4267 beginning 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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment					Modification Nomenclature (Modification Number - Modification Title): 1 - ALIS SHIP INSTALLATION S7910				
Models of Systems Affected: CVN, LHD, & LHA			Type Modification: Add Capability					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													
ALIS SHIP INSTALLATION S7910													
B Kits													
Non-Recurring													
1.1.1) INSTALLATION KITS - NonOrganic ⁽⁵⁾	1 / 0.750	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.500	
1.1.2) INSTALLATION KITS NONRECURRING - Organic	- / 1.248	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.248	
Subtotal Non-Recurring	1 / 1.998	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.748	
Total, ALIS SHIP INSTALLATION S7910	1 / 1.998	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.748	
Total Procurement, All Modifications	1 / 1.998	1 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.748	
Support													
2.1) C41 Integration	- / 5.944	- / 2.511	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.455	
2.2) Interim Contractor Support	- / 4.268	- / 0.530	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.798	
Total Support, All Modifications	10.212	3.041	-	-	-	-	-	-	-	-	-	13.253	
Total Procurement and Support	12.210	3.791	-	-	-	-	-	-	-	-	-	16.001	
ALIS SHIP INSTALLATION S7910 Installation Cost	- / 0.000	- / 1.874	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.874	
Total Installation Cost	- / 0.000	- / 1.874	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.874	
Total Cost (Procurement + Support + Installation)	12.210	5.665	-	-	-	-	-	-	-	-	-	17.875	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4265 - Other Aviation Support Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - ALIS SHIP INSTALLATION S7910											
Models of Systems Affected: CVN, LHD, & LHA										Type Modification: Add Capability										Related RDT&E PEs:											
Manufacturer Information: ALIS SHIP INSTALLATION S7910																															
Manufacturer Name: Northrop Grumman													Manufacturer Location: San Diego, CA																		
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		Jan 2012																													
Delivery Dates		May 2012																													
Installation: ALIS SHIP INSTALLATION S7910										Method of Implementation: ALTERATION INSTALLATION TEAM										Installation Name: INSTALLATION 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 / 1.874		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.874					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		1 / 1.874		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.874					
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
Footnotes: ⁽⁵⁾ Note: BLI 4265 procures 1 install kit in FY12 to be installed in FY13, under BLI 4267.																															

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment	P-1 Line Item Nomenclature: 4267 - Autonomic Logistics Information System (ALIS)

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	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928

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

Initial Spares <i>(\$ in Millions)</i>	-	-	-	2.000	-	2.000	3.000	3.000	2.000	2.000	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:

[P3A / ALIS SHIP INSTALLATION S7910]: Autonomic Logistics Information System (ALIS) Ship Integration - CVN, LHD, LHA:

ALIS controls all aspects of F-35 mission planning, maintenance, logistics, and supply functions. Funding for ALIS Ship Integration efforts (Programmatic Support, Engineering Support Services, Hardware, and Installation efforts) will enable shipboard (CVN and LHD/LHA) modification, classified/unclassified network integration, the installation of ALIS-related shipboard equipment, ALIS security accreditation, and verification of ALIS operation and functionality to include the integration of ALIS with shipboard Command, Control, Communications Computers & Intelligence (C4I) Networks and the Prognostic Health Management (PHM) downlink. At the completion of each installation, the respective ship's ALIS will enable the F-35 Program to provide, at the appropriate security levels via Navy Local Area Networks (LANs)/ Wide Area Networks (WANs), the ability to transfer time-sensitive data for logistics support, mission planning, mission execution, and mission debriefing.

Funding was transferred from BLI 4265 starting 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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 - ALIS SHIP INSTALLATION S7910	P3A				0.000			-			3.826			4.827			-			4.827
Total Gross/Weapon System Cost					0.000			-			3.826			4.827			-			4.827

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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 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4267 - Autonomic Logistics Information System (ALIS)										
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 - ALIS SHIP INSTALLATION S7910	P3A			4.554			4.604			5.729			5.830			43.558			72.928	
Total Gross/Weapon System Cost				4.554			4.604			5.729			5.830			43.558			72.928	
*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-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment			P-1 Line Item Nomenclature: 4267 - Autonomic Logistics Information System (ALIS)					Modification Nomenclature (Modification Number - Modification Title): 1 - ALIS SHIP INSTALLATION S7910				
Models of Systems Affected: CVN, LHD, & LHA			Type Modification: Add Capability					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	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928
(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: [ILS - C41] Autonomic Logistics Information System (ALIS) Ship Installation. Funding will be used to modify ships to accept ALIS. At the completion of each installation, the respective ship's ALIS will enable the F-35 Program to provide, at the appropriate security levels via Navy Local Area Networks (LANs)/Wide Area Networks (WANs), the ability to transfer time-sensitive data for logistics support, mission planning, mission execution and mission debriefing. Note: Funding realigned from BLI 4265 cost codes S7044, S7834 and S7910 to BLI 4267 starting in FY13. Total column on BLI 4267 does not include FY12 and prior data.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment				P-1 Line Item Nomenclature: 4267 - Autonomic Logistics Information System (ALIS)						Modification Nomenclature (Modification Number - Modification Title): 1 - ALIS SHIP INSTALLATION S7910			
Models of Systems Affected: CVN, LHD, & LHA				Type Modification: Add Capability					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													
ALIS SHIP INSTALLATION S7910													
A Kits													
Recurring													
1.1.1) INSTALLATION KITS - NonOrganic	- / -	- / -	1 / 0.050	3 / 0.150	- / -	3 / 0.150	2 / 0.110	2 / 0.110	3 / 0.150	3 / 0.150	7 / 8.250	21 / 8.970	
Subtotal Recurring	- / -	- / -	1 / 0.050	3 / 0.150	- / -	3 / 0.150	2 / 0.110	2 / 0.110	3 / 0.150	3 / 0.150	7 / 8.250	21 / 8.970	
Total, ALIS SHIP INSTALLATION S7910	- / -	- / -	1 / 0.050	3 / 0.150	- / -	3 / 0.150	2 / 0.110	2 / 0.110	3 / 0.150	3 / 0.150	7 / 8.250	21 / 8.970	
Total Procurement, All Modifications	- / -	- / -	1 / 0.050	3 / 0.150	- / -	3 / 0.150	2 / 0.110	2 / 0.110	3 / 0.150	3 / 0.150	7 / 8.250	21 / 8.970	
Support													
2.1) ILS - C41	- / -	- / -	- / 0.994	- / 1.082	- / -	- / 1.082	- / 1.331	- / 1.351	- / 1.391	- / 1.414	- / 17.692	- / 25.255	
2.2) Production Engineering	- / -	- / -	- / 1.049	- / 0.586	- / -	- / 0.586	- / 0.827	- / 0.841	- / 0.856	- / 0.870	- / 9.547	- / 14.576	
Total Support, All Modifications	-	-	2.043	1.668	-	1.668	2.158	2.192	2.247	2.284	27.239	39.831	
Total Procurement and Support	-	-	2.093	1.818	-	1.818	2.268	2.302	2.397	2.434	35.489	48.801	
ALIS SHIP INSTALLATION S7910 Installation Cost	- / 0.000	- / -	- / 1.733	- / 3.009	- / -	- / 3.009	- / 2.286	- / 2.302	- / 3.332	- / 3.396	- / 8.069	- / 24.127	
Total Installation Cost	- / 0.000	- / -	- / 1.733	- / 3.009	- / -	- / 3.009	- / 2.286	- / 2.302	- / 3.332	- / 3.396	- / 8.069	- / 24.127	
Total Cost (Procurement + Support + Installation)	0.000	-	3.826	4.827	-	4.827	4.554	4.604	5.729	5.830	43.558	72.928	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 03: Aviation Support Equipment / BSA 3: Aircraft Support Equipment										P-1 Line Item Nomenclature: 4267 - Autonomic Logistics Information System (ALIS)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - ALIS SHIP INSTALLATION S7910									
Models of Systems Affected: CVN, LHD, & LHA					Type Modification: Add Capability										Related RDT&E PEs:														
Manufacturer Information: ALIS SHIP INSTALLATION S7910																													
Manufacturer Name: SSC PAC													Manufacturer Location: San Diego, CA																
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 4																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates						Jan 2013				Jan 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018			
Delivery Dates						May 2013				May 2014				May 2015				May 2016				May 2017				May 2018			

Installation: ALIS SHIP INSTALLATION S7910										Method of Implementation: ALTERATION INSTALLTION TEAM										Installation Name: INSTALLATION 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>																	
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	- / -	- / -	1 / 1.733	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.733																	
FY 2014	- / -	- / -	- / -	3 / 3.009	- / -	3 / 3.009	- / -	- / -	- / -	- / -	- / -	3 / 3.009																	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.286	- / -	- / -	- / -	- / -	2 / 2.286																	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.302	- / -	- / -	- / -	2 / 2.302																	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.332	- / -	- / -	3 / 3.332																	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.396	- / -	3 / 3.396																	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 8.069	7 / 8.069																	
Total	- / -	- / -	1 / 1.733	3 / 3.009	- / -	3 / 3.009	2 / 2.286	2 / 2.302	3 / 3.332	3 / 3.396	7 / 8.069	21 / 24.127																	

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	-	-	-	-	3	-	-	-	-	2	-	-	-	-	2	-	-	-	-	3	-	7	21	
Out	-	-	-	-	-	-	-	-	1	-	-	-	-	3	-	-	-	-	2	-	-	-	-	2	-	-	-	-	3	-	7	21

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment							P-1 Line Item Nomenclature: 5112 - Naval Fires Control Sys													
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>)	50.524	2.044	3.472	1.188	-	1.188	1.188	0.896	0.934	0.945	-	61.191								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	50.524	2.044	3.472	1.188	-	1.188	1.188	0.896	0.934	0.945	-	61.191								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	50.524	2.044	3.472	1.188	-	1.188	1.188	0.896	0.934	0.945	-	61.191								
<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>)	-	0.111	0.117	-	-	-	-	-	-	-	-	0.228								
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 Naval Fires Control System (NFCS) is an automated mission planning and coordination system for the Naval Surface Fire Support (NSFS) System. It automates shipboard land attack battle management duties to be interoperable and consistent with joint C4ISR systems. These shipboard weapon systems significantly improve the Navy's ability to support Operational Maneuver From The Sea (OMFTS). These improvements provide enhanced capabilities and reduce total ownership costs by improved reliability and supportability of NFCS.																				
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)
Naval Fires Control Sys	P40A, P5A				50.524			2.044			3.472			1.188			-			1.188
Total Gross/Weapon System Cost					50.524			2.044			3.472			1.188			-			1.188
*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:																				

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment								P-1 Line Item Nomenclature: 5112 - Naval Fires Control Sys							Aggregated Item Name: Naval Fires Control Sys					
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) EQUIPMENT																				
† 1.1) FC001 Naval Fires Control Sys (NFCS)	A		-	-	10.106	900,000.00	1	0.900	927,000.00	2	1.854	-	-	-	-	-	-	-	-	
† 1.2) FC002 Installation of NFCS Equipment	A		-	-	5.746	-	-	-	300,000.00	1	0.300	300,000.00	1	0.300	-	-	-	300,000.00	1	0.300
1.3) FC007 LSS Update	A		-	-	15.645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) FC008 LSS Remote Sensors	A		-	-	5.062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) FC009 NFCS for LSS	A		-	-	3.290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.6) FC010 Product Improvement/ORDALT	A		-	-	1.925	-	-	0.534	-	-	0.476	-	-	0.441	-	-	-	-	0.441	
1.7) FC011 Installation of ORDALT	A		-	-	1.092	-	-	0.243	-	-	0.263	-	-	0.188	-	-	-	-	0.188	
1.8) FC830 Production Engineering Support (NFCS)	A		-	-	6.653	-	-	0.367	-	-	0.579	-	-	0.259	-	-	-	-	0.259	
1.9) FCCA1 Gulf Coast Joint Harbor OPS Center (JHOC)	A		-	-	0.997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.10) WAXXX Acquisition Workforce Fund - 2009	A		-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total					50.524			2.044			3.472			1.188			-		1.188	

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment				P-1 Line Item Nomenclature: 5112 - Naval Fires Control Sys					Aggregated Item Name: Naval Fires Control Sys			
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) EQUIPMENT												
1.1) FC001 Naval Fires Control Sys (NFCS)		2012	NSWC KEYPORT / KEYPORT, WA	WR	NAVSEA	Jan 2012	Jan 2013	1	900,000.00	Y		
1.1) FC001 Naval Fires Control Sys (NFCS)		2013	NSWC KEYPORT / KEYPORT, WA	WR	NAVSEA	Jan 2013	Jan 2014	2	927,000.00	Y		
1.2) FC002 Installation of NFCS Equipment		2013	VARIOUS ⁽¹⁾ / VARIOUS	WR	VARIOUS	Feb 2013	Apr 2013	1	300,000.00	Y		
1.2) FC002 Installation of NFCS Equipment		2014	VARIOUS ⁽¹⁾ / VARIOUS	WR	VARIOUS	Feb 2014	Apr 2014	1	300,000.00	Y		
Footnotes: ⁽¹⁾ Installation of NFCS equipment will take place at SUPSHIP, BATH or SUPSHIP, PASC.												

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment	P-1 Line Item Nomenclature: 5209 - Gun Fire Control 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>	72.539	4.477	4.528	4.447	-	4.447	4.593	4.674	4.769	4.844	-	104.871
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	72.539	4.477	4.528	4.447	-	4.447	4.593	4.674	4.769	4.844	-	104.871
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	72.539	4.477	4.528	4.447	-	4.447	4.593	4.674	4.769	4.844	-	104.871

(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:

This program provides for the procurement of equipment, materials and Ordnance Alterations (ORDALTs) to improve combat effectiveness and maintain logistic supportability of Gun Computer System (GCS) and Optical Sight Systems (OSS) and procures Night Vision devices.

[P40A / NV039 Night Vision Devices]: Procures new Night Vision Devices (NVD) for ships and shore sites. Provides replacement of NVD and NVD Test Equipment.

[P40A / NV051 OSS Production Improvement]: Procures various Product Improvements for MK46 Optical Sight Systems (OSS)/MK20 Electro-Optical Sight System (EOSS) on DDG 51 and CG 47 Class ships. The Optical Sight System (OSS) is an integral element of the MK 34 Gun Weapon System. These improvements provide enhanced force protection capabilities, improve availability to address increase in Fleet underway operations, and reduce total ownership costs by improved reliability and supportability of in-service equipment systems. System and component improvements include: Mod 0 Technical Refresh, upgrade of Daylight Imaging Sensor (DIS) Field of View, system power supplies, Mod 0 console / monitor upgrade, system obsolescence replacement and component level product improvements.

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)
Gun Fire Control Equipment	P40A				72.539			4.477			4.528			4.447			-			4.447
Total Gross/Weapon System Cost					72.539			4.477			4.528			4.447			-			4.447

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment		P-1 Line Item Nomenclature: 5209 - Gun Fire Control 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 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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment						P-1 Line Item Nomenclature: 5209 - Gun Fire Control Equipment								Aggregated Item Name: Gun Fire Control 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) Equipment																				
1.1) NV024 RMA (Reliability, Maintainability, and Availability)	A		-	-	6.583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) NV039 Night Vision Devices	A		-	-	26.800	-	-	2.016	-	-	1.994	-	-	1.959	-	-	-	-	-	1.959
1.3) NV051 OSS Production Improvement	A		-	-	38.738	-	-	2.461	-	-	2.534	-	-	2.488	-	-	-	-	-	2.488
1.4) WAXXX Acquisition Workforce Fund - 2009	A		-	-	0.040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Equipment					72.161			4.477			4.528			4.447			-			4.447
2) Installation																				
2.1) NV6IN Install of Equipment NON-FMP	A		-	-	0.378	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) Installation					0.378			-			-			-			-			-
Total					72.539			4.477			4.528			4.447			-			4.447

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

P-1 Line Item Nomenclature:

5237 - NATO Seasparrow

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

Program Elements for Code B Items:

Other Related Program Elements: 0604756N

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>)	151.253	8.904	8.960	58.368	-	58.368	28.544	40.616	31.617	32.158	62.447	422.867
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	151.253	8.904	8.960	58.368	-	58.368	28.544	40.616	31.617	32.158	62.447	422.867
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	151.253	8.904	8.960	58.368	-	58.368	28.544	40.616	31.617	32.158	62.447	422.867

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

Initial Spares (<i>\$ in Millions</i>)	-	0.262	0.908	1.654	-	1.654	1.131	1.057	1.025	1.130	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:

NATO SEASPARROW Surface Missile System (NSSMS) is a shipboard Self-Defense Missile System. In addition to the standard mission of Anti-Air and Anti-Surface Defense (AAW, ASUW), NSSMS is designed to protect the ship and crew from Anti-Ship Cruise Missiles (ASCM), Fast Attack Craft/Fast Inshore Attack Craft (FAC/FIAC), Low Velocity Air Threats (LVAT), and a wide range of asymmetrical threats (Unmanned Aerial and Surface vehicles, small Rigid Hull Inflatable Boats (RHIBS), etc.). Its primary operations consist of acquiring targets manually using radar search or Electro Optic/Infrared capability or automatically from external or internal designations, generation of fire-control quality track data for engage ability determination, launcher control and missile initialization messages. Queuing of other weapons such as the Rolling Airframe Missile System via the Ship Self Defense System (SSDS) or AN/SWY 3/5 Combat System, RIM-7H/M/P SeaSparrow Missile and RIM-162D Evolved SeaSparrow Missile (ESSM) firing, Target Illumination for Missile Guidance and Visual Kill/Survive and Battle Damage Assessments provides manual or fully automatic operation with provisions for Operator Intervention or Override from the time of Target Designation to Missile Away. The NSSMS consists of Fire Control and Launcher Systems comprised of 2-4 Directors, a distributed computing network, Transmitter Group, 3-5 Operating Consoles, and 1-2 Eight-Cell Launchers which employ the surface launch variant of the Sparrow Missile. The RIM-7 and RIM-162 Missiles use semi-active guidance with target illumination provided by the shipboard Mk 9/95 fire control systems. NSSMS MK 57 Mods 12 and higher (ESSM capable) are integrated with the SSDS and become part of the SSDS MK 2 Combat System on CVN 68, LHA 6 and LHD 7-8 class ships. Starting with the Ford Class (CVN 78), the Guided Missile Launching System (GMLS) is segmented from the MK 57 and interfaces directly to the SSDS Combat System.

The NSSMS is a NATO Cooperative Project with 12 participating Governments; Australia, Belgium, Canada, Denmark, Germany, Greece, Norway, The Netherlands, Portugal, Spain, Turkey and the United States. The NSSMS and associated systems of the Cooperative Project were developed, produced and are supported under DoD/MoD level International Memorandums of Understanding (MOU).

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment												P-1 Line Item Nomenclature: 5237 - NATO Seasparrow									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604756N									
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)
NATO SEASPARROW	P40A, P5A, P21				0.050			7.896			0.337			46.043			-			46.043
1 - NATO Seasparrow	P3A				151.203			1.008			8.623			12.325			-			12.325
Total Gross/Weapon System Cost					151.253			8.904			8.960			58.368			-			58.368

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)
NATO SEASPARROW	P40A, P5A, P21				-			-			-			-			-			-
1 - NATO Seasparrow	P3A				8.022			17.721			10.578			17.487			12.220			239.187
Total Gross/Weapon System Cost					28.544			40.616			31.617			32.158			62.447			422.867

*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:
 Increased funding is for (1) equipment modernization, (2) NATO SEASPARROW Objective Configuration (OC) program consisting of segmenting and automating MK 9 Track Illuminator System interfacing directly to the SSDS Combat System, and (3) Stalker Long Range Electro-Optic Sensor System.

The MK 57 NSSMS continues to be evolved to provide credible ship self defense. These equipment modernization upgrades will result in the ability of the MK 57 System to support future mission requirements. NSSMS MK 57 Mods 12 and higher (ESSM capable) are integrated with the SSDS and become part of the SSDS MK 2 Combat System.

The NATO SEASPARROW OC program consists of segmenting and automating the Mk 9 Track Illuminator System (TIS) interfacing directly to the SSDS Combat System, eliminating all MK 57 watch stations, reducing system hardware, providing annual cost avoidance/savings, avoiding non-recurring engineering associated with integrating with CDS/CPS and allowing the Navy to divest of RIM-7 and associated infrastructure. Recent SSDS FRB activity has also created an incentive to consider Mk9 performance improvements opportunities. Mk132 Modernization (above deck launcher portion of Mk29 GMLS) allows for the upgrades necessary to address a variety of issues with this legacy equipment, including Grade A shock deficiencies with the current design when employed with ESSM, missile loading issues, missile environmental issues and future ESSM capability. The FY13 funding allocation on the SSTx funding line is earmarked to support Mk9 improvements/modernization being driven by the FY12 SSDS combat system wholeness FRB/FLCIP initiate. The funding will be used to procure 1 set of Mk9 improvements/modernization related qualification hardware and associated engineering efforts. In contrast, the SSTx funding shown for FY14 and out will be used to procure production SSTx units.

Stalker Long Range Electro-Optic Sensor System is a modular, portable and form/fit replacement for the MK 6 LLLTV mounted on NATO radar director (stabilized platform) providing 360 degree coverage satisfying ROE. It is able to detect, classify, ID, & assist in intent determination supporting "24/7" NAV, INTEL & AT/FP in addition to SUW, AAW and ASMD. Stalkers will be upgraded with the addition of Active/Passive Dual Imaging Sensor (AP/DIS IR). This improvement to Stalker will improve environmental performance via active/passive Short Wave IR. The Stalker system will further improve maritime target identification with increased range and resolution at night and through haze penetration/clutter reduction. This effort is in response to the NAVCENT Counter Swarm Urgent Operational Need (UON) to combat Fast Attack Craft/Fast Inshore Attack Craft (FAC/FIAC).

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5237 - NATO Seasparrow										Aggregated Item Name: NATO SEASPARROW				
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) EQUIPMENT MODERNIZATION																				
1.1) MK 123 MODERNIZATION	A		-	-	-	-	-	-	-	-	-	-	-	3.093	-	-	-	-	-	3.093
1.2) PRODUCTION SUPPORT	A		-	-	-	-	-	0.896	-	-	-	-	-	0.998	-	-	-	-	-	0.998
1.3) FORWARD CLASS GRADE B S/V	A		-	-	-	-	-	2.800	-	-	-	-	-	3.203	-	-	-	-	-	3.203
1.4) LHD UPGRADE	A		-	-	-	-	-	4.200	-	-	0.337	-	-	15.785	-	-	-	-	-	15.785
<i>Subtotal 1) EQUIPMENT MODERNIZATION</i>					-			7.896			0.337			23.079			-			23.079
2) Stalker																				
† 2.1) Stalker	A		-	-	-	-	-	-	-	-	-	1,609K	11	17.694	-	-	-	1,609K	11	17.694
2.2) ISS Spare Hardware ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	3.610	-	-	-	-	-	3.610
2.3) Stalker Production Support	A		-	-	-	-	-	-	-	-	-	-	-	1.660	-	-	-	-	-	1.660
<i>Subtotal 2) Stalker</i>					-			-			-			22.964			-			22.964
3) WAXX ACQUISITION WORKFORCE FUND 2009																				
3.1) ACQUISITION WORKFORCE FUND	A		-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) WAXX ACQUISITION WORKFORCE FUND 2009</i>					0.050			-			-			-			-			-
Total					0.050			7.896			0.337			46.043			-			46.043

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5237 - NATO Seasparrow										Aggregated Item Name: NATO SEASPARROW				
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) EQUIPMENT MODERNIZATION																				
1.1) MK 123 MODERNIZATION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) FORWARD CLASS GRADE B S/V	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) LHD UPGRADE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) EQUIPMENT MODERNIZATION</i>					-			-			-			-			-			-
2) Stalker																				
† 2.1) Stalker	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) ISS Spare Hardware ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Stalker Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) Stalker</i>					-			-			-			-			-			-
3) WAXX ACQUISITION WORKFORCE FUND 2009																				
3.1) ACQUISITION WORKFORCE FUND	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) WAXX ACQUISITION WORKFORCE FUND 2009</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) Cost element procures spare hardware to support 11 Stalkers																				

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5237 - NATO Seasparrow					Aggregated Item Name: NATO SEASPARROW			
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) Stalker												
†2.1) Stalker		2014	TBD / TBD	C / TBD	NVSEA	Nov 2013	Aug 2014	11	1,609K	Y		Sep 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5237 - NATO Seasparrow										Aggregated Item Name: NATO SEASPARROW													
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																
							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) Stalker																																	
2.1) Stalker																																	
	32	2014	NAVY	11	-	11	-	A -	-	-	-	-	-	-	-	-	4	4	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5237 - NATO Seasparrow	Aggregated Item Name: NATO SEASPARROW

		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	TBD - TBD	2.00	7.00	24.00	2	2	9	11	2	2	9	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-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5237 - NATO Seasparrow				Modification Nomenclature (Modification Number - Modification Title): 1 - NATO Seasparrow				
Models of Systems Affected: MK 57				Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)				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)	151.203	1.008	8.623	12.325	-	12.325	8.022	17.721	10.578	17.487	12.220	239.187
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	151.203	1.008	8.623	12.325	-	12.325	8.022	17.721	10.578	17.487	12.220	239.187
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	151.203	1.008	8.623	12.325	-	12.325	8.022	17.721	10.578	17.487	12.220	239.187
(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: [TRANSMITTER UPGRADE (SSTX)] The MK 91 NATO SEASPARROW Re-Architecture Program will integrate NSSMS into SSDS MK 2 architecture to provide an additional layer of ship missile defense. The upgrade will eliminate the analog point to point architecture and other deficiencies resident to the existing MK 57 NSSMS, as well as allow for full exploitation of ESSM. In addition to the reduction in manning realized by RNSSMS, the Solid State Transmitter Ordalt will reduce NSSMS Cost of Ownership for the fleet. The FY13 funding allocation on the SSTx funding line is earmarked to support Mk9 improvements/modernization being driven by the FY12 SSDS combat system wholeness FRB/FLCIP initiate. The funding will be used to procure 1 set of Mk9 improvements/modernization related qualification hardware and associated engineering efforts. In contrast, the SSTx funding shown for FY14 and out will be used to procure production SSTx units. Production lead time for Solid State Transmitter upgrade kits is 24 months. Once completed the kits are sent to Raytheon Technical Services Company (RTSC) where existing cabinets are overhauled/upgraded. This process takes another 12 months. Total time to produce an upgraded Solid State transmitter is 36 months.												
[ESSM ORDALT] The objective of this ORDALT is a cost-effective solution to protect CVNs IAW the Navy's Maritime Force Protection (MFP) program for ships self defense against the future threat of evolving Anti-Ship Cruise Missiles (ASCMs). The Navy's MFP plan calls for these platforms to carry ESSM to provide the required Probability of Raid Annihilation (PRA). The ESSM OrdAlt to the GMLS MK 29 provides a low cost modification to the current trainable launcher. In conjunction with ESSM, this modification will meet performance requirements for all cited ship classes through the mid-term scenario as defined in the CAPSTONE requirements and the 1999 Report to Congress.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5237 - NATO Seasparrow				Modification Nomenclature (Modification Number - Modification Title): 1 - NATO Seasparrow				
Models of Systems Affected: MK 57			Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)					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												
NATO Seasparrow												
A Kits												
Non-Recurring												
1.1) TRANSMITTER UPGRADE (SSTX) - NonOrganic (2)	4 / 7.104	- / -	1 / 6.307	2 / 6.319	- / -	2 / 6.319	- / -	2 / 6.837	- / -	2 / 6.878	- / -	11 / 33.445
1.2) INTEGRATED RADAR PROCESSOR (IPR) - Organic (3)	4 / 6.400	- / -	- / -	2 / 1.400	- / -	2 / 1.400	2 / 1.530	2 / 1.834	2 / 1.876	2 / 1.950	2 / 1.924	16 / 16.914
1.3) MK 91 UPGRADE MOD 10/11/12/13 - Organic	- / 8.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.676
1.4) TEST SUPPORT - Organic	- / 1.354	- / 0.125	- / 0.125	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / -	- / 1.729
1.5) COTS OBSOLESCENCE - Organic	- / 2.605	- / -	- / 0.257	- / 0.201	- / -	- / 0.201	- / 0.196	- / 0.313	- / 0.329	- / 0.321	- / 0.569	- / 4.791
1.6) ECP'S - Organic	- / 8.949	- / 0.275	- / 0.110	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / -	- / 9.459
Subtotal Non-Recurring	8 / 35.088	- / 0.400	1 / 6.799	4 / 7.970	- / -	4 / 7.970	2 / 1.776	4 / 9.034	2 / 2.255	4 / 9.199	2 / 2.493	27 / 75.014
B Kits												
Non-Recurring												
2.1.1) ESSM ORDALT - NonOrganic (4)	8 / 7.464	- / -	- / -	2 / 1.648	- / -	2 / 1.648	2 / 1.894	2 / 1.939	2 / 1.981	2 / 2.151	2 / 2.021	20 / 19.098
2.1.2) SYSTEM LAUNCHER/CONTROLLER (SLC) - NonOrganic - Organic (5)	4 / 9.999	- / -	- / -	2 / 1.500	- / -	2 / 1.500	2 / 2.060	2 / 2.130	2 / 2.211	2 / 2.151	2 / 2.250	16 / 22.301
2.1.3) TEST SUPPORT - Organic	- / 0.325	- / 0.025	- / 0.025	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.525
2.1.4) ECP'S - Organic	- / 1.729	- / 0.403	- / 0.225	- / 0.236	- / -	- / 0.236	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 2.718
2.1.5) MK 29 ORDALT INSTALL - Organic	- / 13.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.864
2.1.6) TRAINING - Organic	- / 2.047	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.047
Subtotal Non-Recurring	12 / 35.428	- / 0.428	- / 0.250	4 / 3.409	- / -	4 / 3.409	4 / 4.004	4 / 4.119	4 / 4.242	4 / 4.352	4 / 4.321	36 / 60.553
Total, NATO Seasparrow	20 / 70.516	- / 0.828	1 / 7.049	8 / 11.379	- / -	8 / 11.379	6 / 5.780	8 / 13.153	6 / 6.497	8 / 13.551	6 / 6.814	63 / 135.567
Total Procurement, All Modifications	20 / 70.516	- / 0.828	1 / 7.049	8 / 11.379	- / -	8 / 11.379	6 / 5.780	8 / 13.153	6 / 6.497	8 / 13.551	6 / 6.814	63 / 135.567
Support												
1.1) MK 57 NATO SEASPARROW	- / 36.185	- / -	- / 0.925	- / 0.498	- / -	- / 0.498	- / 0.525	- / 0.637	- / 0.602	- / 0.505	- / 0.646	- / 40.523
3.1) ESSM ORDALT	- / 4.776	- / -	- / -	- / 0.448	- / -	- / 0.448	- / 0.525	- / 0.637	- / 0.602	- / 0.505	- / 0.635	- / 8.128
Total Support, All Modifications	40.961	-	0.925	0.946	-	0.946	1.050	1.274	1.204	1.010	1.281	48.651
Total Procurement and Support	111.477	0.828	7.974	12.325	-	12.325	6.830	14.427	7.701	14.561	8.095	184.218
NATO Seasparrow Installation Cost	- / 39.726	- / 0.180	- / 0.649	- / -	- / -	- / -	- / 1.192	- / 3.294	- / 2.877	- / 2.926	- / 4.125	- / 54.969

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5237 - NATO Seasparrow					Modification Nomenclature (Modification Number - Modification Title): 1 - NATO Seasparrow				
Models of Systems Affected: MK 57				Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)				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)	
	Total Installation Cost	- / 39.726	- / 0.180	- / 0.649	- / -	- / -	- / -	- / 1.192	- / 3.294	- / 2.877	- / 2.926	- / 4.125	- / 54.969
Total Cost (Procurement + Support + Installation)		151.203	1.008	8.623	12.325	-	12.325	8.022	17.721	10.578	17.487	12.220	239.187

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5237 - NATO Seasparrow			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - NATO Seasparrow		
Models of Systems Affected: MK 57		Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)			Related RDT&E PEs:		

Manufacturer Information: NATO Seasparrow							
Manufacturer Name: Raytheon ⁽⁶⁾				Manufacturer Location: Ports,RI			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 24			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jan 2013	Jan 2014		Jan 2016		Jan 2018
Delivery Dates		Jan 2015	Jan 2016		Jan 2018		Jan 2020

Installation: NATO Seasparrow			Method of Implementation: Method					Installation Name: EQUIPMENT NON RECURRING				
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 / 35.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 35.800
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.600	- / -	2 / 1.600
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.306	- / -	2 / 2.306
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.677	- / -	2 / 2.100	2 / 2.777
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 35.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.277	2 / 2.306	2 / 2.100	10 / 42.483

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	2	10	
Out	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5237 - NATO Seasparrow		Modification Nomenclature (Modification Number - Modification Title): 1 - NATO Seasparrow	
Models of Systems Affected: MK 57		Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)			
Related RDT&E PEs:					

Installation: NATO Seasparrow				Method of Implementation: Method				Installation Name: PRODUCTION SUPPORT				
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 / 3.926	- / -	2 / 0.612	- / -	- / -	- / -	2 / 0.646	- / -	- / -	- / -	- / -	8 / 5.184
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / 0.180	- / 0.037	- / -	- / -	- / -	- / -	2 / 2.751	- / -	- / -	- / -	2 / 2.968
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.600	- / -	- / -	2 / 0.600
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.546	- / -	- / -	2 / 0.620	- / -	2 / 1.166
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.543	- / -	- / -	2 / 0.645	2 / 1.188
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.680	2 / 0.680
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.700	2 / 0.700
Total	4 / 3.926	- / 0.180	2 / 0.649	- / -	- / -	- / -	2 / 1.192	2 / 3.294	2 / 0.600	2 / 0.620	6 / 2.025	20 / 12.486

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	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	2	-	-	-	2	6	20	
Out	4	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	2	-	8	20

Installation: NATO Seasparrow				Method of Implementation: Organic - INTEGRATED RADAR PROCESSOR (IPR)								Installation Quantity: 16					

Installation: NATO Seasparrow				Method of Implementation: Organic - SYSTEM LAUNCHER/ CONTROLLER (SLC) - NonOrganic								Installation Quantity: 16					

- Footnotes:**
- (2) 1 set of Mk9 improvements/modernization related qualification hardware and associated engineering efforts will be procured in FY 13 but will not be installed shipboard.
- (3) The Transmitter group consists of 2 transmitters and 2 IRPS. Production lead time for IPRs is 17 months and 36 months for the transmitters which includes 24 month production time for the kits and 12 months to install the kits. Shipboard installation will be completed at the end of the 36 month period. Installation funding will be shown at the transmitter level.
- (4) The ESSM group consists of 2 ESSM Ordlts and 2 SLCs. The ESSM Group will be installed with the Transmitter group as one system. The production lead time for the transmitter group is 36. Shipboard installation will be accomplished at the end of the 36 month period. Installation funding will be shown at the transmitter level.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5237 - NATO Seasparrow	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - NATO Seasparrow
Models of Systems Affected: MK 57	Type Modification: NSSMs Mod 12 (Pg 11-13)/ Objective Configuration (OC)	Related RDT&E PEs:
(5) The ESSM ORDALT group consists of 2 ESSM and 2 SLCS. Installation funding will be shown at the ESSM ORDALT level. (6) Delivered Transmitters kits are sent to Raytheon Technical Services Company (RTSC) where existing cabinets are overhauled/upgraded with Transmitter production kits. This process takes another 12 months till available for install in ship. Total time to produce an upgraded Solid State transmitter is 36 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5238 - RAM GMLS

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>)	660.855	3.128	1.185	0.491	-	0.491	0.764	1.769	1.546	1.571	4.515	675.824
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	660.855	3.128	1.185	0.491	-	0.491	0.764	1.769	1.546	1.571	4.515	675.824
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	660.855	3.128	1.185	0.491	-	0.491	0.764	1.769	1.546	1.571	4.515	675.824
<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:

Rolling Airframe Missile (RAM) - MK-49 Guided Missile Launching System (GMLS): RAM is a cooperative project with the Federal Republic of Germany, produced under a series of production MOUs/MOAs (the latest was signed on 28 September 2010) executed between the U.S. and the Federal Republic of Germany.

The MK-31 Guided Missile Weapon System (GMWS) is a lightweight, quick-reaction, high firepower missile system designed to provide anti-ship missile defense. The system is comprised of a MK-44 Guided Missile Round Pack (GMRP) and the MK-49 GMLS, which holds 21 RAM missiles. The 21-round launcher is compatible with various platforms ranging from large USN aircraft carriers to S-143 type German patrol boats. This system is designed to counter high density anti-ship, cruise missile raids and provide for ship survivability with accurate terminal guidance, proven lethality and no fire control channel dependence.

[P40A / UR006 RAM MK-49 GMLS]: cost code is for the annual/multi-year procurement of RAM MK-49 Launchers, 11-Round Launchers, and ECPs.

[P40A / UR006 RAM MK-49 GMLS ECPs]: FY15-FY17 RAM ECP funds the Ethernet upgrade which provides replacement of the Legacy FDDI Combat System interface with an Ethernet Combat System interface. The Ethernet interface is required for the RAM launcher to operate the SSDS MK Capstone Combat System. This upgrade will allow RAM to operate on LHD class ships that have been upgraded with Capstone SSDS MK2 Combat Systems. LHD self defense will suffer without RAM integration as these ships will be unable to fire either RAM Block 1 or RAM Block 2 missiles.

[P40A / UR007 RAM GMLS Production Support]: cost code is for GMLS production support. FY12 and FY13 Production support funds include efforts to ensure Ethernet interface availability to support SSDS Lite (LHD 1) Installation.

[P40A / UR777 RAM Engineering Services Contractor]: cost code is for systems engineering, design agent services and integration.

[P40A / UR900 RAM - CSS]: cost code is for engineering and professional support 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5238 - RAM GMLS									

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 / URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)]: cost code is for Congressional Add for RAM Mk 49 Mod 3 Launcher Obsolescence/Affordability in FY10.																			
[P40A / WAXXX Acquisition Workforce Fund - 2009]: Acquisition Workforce Fund																			
[P40A / UR5IN Install of Equipment (FMP)]: cost code is for installation of RAM GMLS MK-49 Launchers.																			
[P3A / UR006 RAM MK-49 GMLS ORDALTS]: Procurement of RAM MK-49 GMLS ORDALTS. ORDALT procurement and installations are to accomodate Amphibious AAW Self-Defense Probability of Raid Annihilation (Pra) Improvements. Without these improvements the RAM Systems will only be able to be fired in Manual Mode.																			

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)
RAM GMLS	P40A				614.017			3.128			0.541			-			-			-
1 - UR006 RAM MK-49 GMLS ORDALTS	P3A				46.838			-			0.644			0.491			-			0.491
Total Gross/Weapon System Cost					660.855			3.128			1.185			0.491			-			0.491

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)
RAM GMLS	P40A				-			-			-			-			-			-
1 - UR006 RAM MK-49 GMLS ORDALTS	P3A				0.521			1.209			1.256			1.197			4.515			56.671
Total Gross/Weapon System Cost					0.764			1.769			1.546			1.571			4.515			675.824

*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 profile directly supports final installations and associated efforts of RAM Mod 3 upgrades on LSD class ships in accordance with ships installation/availability schedule. Installation funding includes DSA planning and actual installation costs. Without this upgrade the Ship Self Defense System (SSDS) on these ships will only be able to fire RAM in manual mode.

RAM is installed on or planned for installation on the following ship classes:

CLASS	SHIPS	LAUNCHERS
LHA (OPN)	1	2
LSD (OPN)	12	23 (LSD-52 (1 OPN & 1 SCN))
LHD (OPN)	4	8

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013																																																
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5238 - RAM GMLS																																																
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:																																																
MDAP/MAIS Code(s):																																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">CVN (OPN)</td> <td style="width: 10%; text-align: right;">2</td> <td style="width: 10%; text-align: right;">4</td> <td style="width: 20%;"></td> </tr> <tr> <td>TRAINER (OPN)**</td> <td></td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>LBTF-1 (OPN)**</td> <td></td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>OPN TOTAL</td> <td style="text-align: right;">23</td> <td style="text-align: right;">47</td> <td>** (Only 56 shipboard installations)</td> </tr> <tr><td colspan="4"> </td></tr> <tr> <td>LHA (SCN)</td> <td style="text-align: right;">3</td> <td style="text-align: right;">6</td> <td></td> </tr> <tr> <td>LSD (SCN)</td> <td style="text-align: right;">1</td> <td style="text-align: right;">1</td> <td>(LSD-52 (1 OPN & 1 SCN))</td> </tr> <tr> <td>LHD (SCN)</td> <td style="text-align: right;">4</td> <td style="text-align: right;">8</td> <td></td> </tr> <tr> <td>CVN (SCN)</td> <td style="text-align: right;">8</td> <td style="text-align: right;">16</td> <td></td> </tr> <tr> <td>LPD-17 (SCN)</td> <td style="text-align: right;">11</td> <td style="text-align: right;">22</td> <td></td> </tr> <tr> <td>LCS (SCN)</td> <td style="text-align: right;">10</td> <td style="text-align: right;">10</td> <td></td> </tr> <tr> <td>SCN TOTAL</td> <td style="text-align: right;">37</td> <td style="text-align: right;">63</td> <td></td> </tr> </table> NSWC Port Hueneme provides installation oversight support as the In-Service Engineering Activity (ISEA) for the RAM GMLS system.			CVN (OPN)	2	4		TRAINER (OPN)**		1		LBTF-1 (OPN)**		1		OPN TOTAL	23	47	** (Only 56 shipboard installations)					LHA (SCN)	3	6		LSD (SCN)	1	1	(LSD-52 (1 OPN & 1 SCN))	LHD (SCN)	4	8		CVN (SCN)	8	16		LPD-17 (SCN)	11	22		LCS (SCN)	10	10		SCN TOTAL	37	63	
CVN (OPN)	2	4																																																
TRAINER (OPN)**		1																																																
LBTF-1 (OPN)**		1																																																
OPN TOTAL	23	47	** (Only 56 shipboard installations)																																															
LHA (SCN)	3	6																																																
LSD (SCN)	1	1	(LSD-52 (1 OPN & 1 SCN))																																															
LHD (SCN)	4	8																																																
CVN (SCN)	8	16																																																
LPD-17 (SCN)	11	22																																																
LCS (SCN)	10	10																																																
SCN TOTAL	37	63																																																

UNCLASSIFIED

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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment									P-1 Line Item Nomenclature: 5238 - RAM GMLS							Aggregated Item Name: RAM GMLS				
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) UR006 RAM MK-49 GMLS																				
1.1) UR006 RAM MK-49 GMLS Annual Procurement	A		-	-	274.239	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) UR006 RAM MK-49 GMLS Multiyear	A		-	-	67.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) UR006 RAM MK-49 GMLS 11 Round	A		-	-	5.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) UR006 RAM MK-49 GMLS ECPS	A		-	-	48.159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) UR006 RAM MK-49 GMLS					395.101			-			-			-			-			-
2) UR007 RAM GMLS Production Support																				
2.1) UR007 Production Support	A		-	-	64.348	-	-	1.821	-	-	0.541	-	-	-	-	-	-	-	-	-
Subtotal 2) UR007 RAM GMLS Production Support					64.348			1.821			0.541			-			-			-
3) UR777 RAM Engineering Services Contractor																				
3.1) UR777 Engineering Services (Contractor)	A		-	-	49.161	-	-	0.681	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) UR777 RAM Engineering Services Contractor					49.161			0.681			-			-			-			-
4) UR900 RAM - CSS																				
4.1) UR900 RAM - CSS	A		-	-	12.815	-	-	0.626	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) UR900 RAM - CSS					12.815			0.626			-			-			-			-
5) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)																				
5.1) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)	A		-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)					1.000			-			-			-			-			-
6) WAXXX Acquisition Workforce Fund - 2009																				
6.1) WAXXX Acquisition Workforce Fund - 2009	A		-	-	0.072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5238 - RAM GMLS										Aggregated Item Name: RAM GMLS				
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) WAXXX Acquisition Workforce Fund - 2009					0.072			-			-			-			-			-
7) UR5IN Install of Equipment (FMP)																				
7.1) UR5IN Install of Equipment (FMP)	A		-	-	91.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) UR5IN Install of Equipment (FMP)					91.520			-			-			-			-			-
Total					614.017			3.128			0.541			-			-			-

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5238 - RAM GMLS							Aggregated Item Name: RAM GMLS					
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) UR006 RAM MK-49 GMLS																				
1.1) UR006 RAM MK-49 GMLS Annual Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) UR006 RAM MK-49 GMLS Multiyear	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) UR006 RAM MK-49 GMLS 11 Round	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) UR006 RAM MK-49 GMLS ECPS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) UR006 RAM MK-49 GMLS					-			-			-			-			-			-
2) UR007 RAM GMLS Production Support																				
2.1) UR007 Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) UR007 RAM GMLS Production Support					-			-			-			-			-			-
3) UR777 RAM Engineering Services Contractor																				
3.1) UR777 Engineering Services (Contractor)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) UR777 RAM Engineering Services Contractor					-			-			-			-			-			-
4) UR900 RAM - CSS																				
4.1) UR900 RAM - CSS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) UR900 RAM - CSS					-			-			-			-			-			-
5) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)																				
5.1) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) URCA3 RAM MK-49 MOD 3 Launcher (Congressional Add)					-			-			-			-			-			-
6) WAXXX Acquisition Workforce Fund - 2009																				
6.1) WAXXX Acquisition Workforce Fund - 2009	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5238 - RAM GMLS							Aggregated Item Name: RAM GMLS					
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) WAXXX Acquisition Workforce Fund - 2009					-			-			-			-			-			-
7) UR5IN Install of Equipment (FMP)																				
7.1) UR5IN Install of Equipment (FMP)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) UR5IN Install of Equipment (FMP)					-			-			-			-			-			-
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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5238 - RAM GMLS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UR006 RAM MK-49 GMLS ORDALTS			

Models of Systems Affected: RAM GMLS ORDALTS RAM MK-49 GMLS				Type Modification: Shipyard/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>)	46.838	-	0.644	0.491	-	0.491	0.521	1.209	1.256	1.197	4.515	56.671
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	46.838	-	0.644	0.491	-	0.491	0.521	1.209	1.256	1.197	4.515	56.671
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	46.838	-	0.644	0.491	-	0.491	0.521	1.209	1.256	1.197	4.515	56.671

(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 Rolling Airframe Missile is a lightweight, quick-reaction, high firepower missile system designed to provide anti-ship missile defense. The system (MK-31 GMWS), is comprised of a MK-44 Guided Missile Round Pack (GMRP) and the MK-49 Guided Missile Launching System (GMLS), which holds 21 RAM missiles. The 21-round launcher is compatible with various platforms, ranging from large USN amphibious assault ships to S-143-type German patrol boats. This system is designed to counter high density anti-ship, cruise missile raids and provide for ship survivability with accurate terminal guidance, proven lethality and no fire control channel dependence.

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5238 - RAM GMLS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UR006 RAM MK-49 GMLS ORDALTS				
Models of Systems Affected: RAM GMLS ORDALTS RAM MK-49 GMLS				Type Modification: Shipyard/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												
UR006 RAM MK-49 GMLS ORDALTS												
B Kits												
Recurring												
1.1.1) UR006 RAM MK-49 GMLS ORDALTS - NonOrganic	59 / 43.087	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.320	61 / 46.407
<i>Subtotal Recurring</i>	59 / 43.087	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.320	61 / 46.407
<i>Total, UR006 RAM MK-49 GMLS ORDALTS</i>	59 / 43.087	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.320	61 / 46.407
<i>Total Procurement, All Modifications</i>	59 / 43.087	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.320	61 / 46.407
<i>Total Procurement and Support</i>	43.087	-	-	-	-	-	-	-	-	-	3.320	46.407
UR006 RAM MK-49 GMLS ORDALTS Installation Cost	- / 3.751	- / -	- / 0.644	- / 0.491	- / -	- / 0.491	- / 0.521	- / 1.209	- / 1.256	- / 1.197	- / 1.195	- / 10.264
<i>Total Installation Cost</i>	- / 3.751	- / -	- / 0.644	- / 0.491	- / -	- / 0.491	- / 0.521	- / 1.209	- / 1.256	- / 1.197	- / 1.195	- / 10.264
Total Cost (Procurement + Support + Installation)	46.838	-	0.644	0.491	-	0.491	0.521	1.209	1.256	1.197	4.515	56.671

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5238 - RAM GMLS		Modification Nomenclature (Modification Number - Modification Title): 1 - UR006 RAM MK-49 GMLS ORDALTS	
Models of Systems Affected: RAM GMLS ORDALTS RAM MK-49 GMLS		Type Modification: Shipyard/AIT		Related RDT&E PEs:	

Manufacturer Information: UR006 RAM MK-49 GMLS ORDALTS							
Manufacturer Name: Raytheon Co				Manufacturer Location: Tucson AZA			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 21			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Nov 2010						
Delivery Dates	Aug 2012						

Installation: UR006 RAM MK-49 GMLS ORDALTS				Method of Implementation: Shipyard/AIT				Installation Name: UR006 RAM MK-49 GMLS ORDALTS				
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 / 3.751	- / -	2 / 0.644	2 / 0.491	0 / 0.000	2 / 0.491	2 / 0.521	4 / 1.209	4 / 1.256	4 / 1.197	- / -	59 / 9.069
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.195	2 / 1.195
Total	41 / 3.751	- / -	2 / 0.644	2 / 0.491	- / -	2 / 0.491	2 / 0.521	4 / 1.209	4 / 1.256	4 / 1.197	2 / 1.195	61 / 10.264

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	41	-	-	-	-	-	-	-	2	-	2	-	-	-	2	-	-	-	2	-	2	-	-	2	2	-	-	2	-	2	2	61
Out	41	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	-	-	-	2	-	2	-	2	2	-	-	2	-	4	61	

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5239 - Ship Self Defense System

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604755N, 0603582N, 0604370N, 0204413N

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>)	503.374	54.324	55.371	51.858	-	51.858	71.423	79.389	66.641	67.826	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	503.374	54.324	55.371	51.858	-	51.858	71.423	79.389	66.641	67.826	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	503.374	54.324	55.371	51.858	-	51.858	71.423	79.389	66.641	67.826	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>)	-	1.683	1.540	1.655	-	1.655	2.751	3.118	1.516	0.752	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:

SHIP SELF DEFENSE SYSTEM (SSDS) MK 1

Provides ship self defense capabilities against Anti-Ship Cruise Missiles (ASCM) for LSD 41/49 class ships. It integrates several existing stand-alone sensor and Anti-Air Warfare weapons systems to provide an automated detect-to-engage capability against low flying, high speed ASCMs with low radar cross sections in the littoral environment. System design emphasizes physically distributed non-developmental items, commercial standards and computer program reuse in an open system architecture computer network. It includes a command table that uses components of the Navy's AN/UYQ-70 standard display for human-system interface, commercially available local area network access units and circuit cards, and commercially available fiber optic cabling. SSDS MK 1 requires a COTS obsolescence technology refresh and transitioned to an SSDS MK2 Open Architecture Computing Environment (OACE) beginning with FY10 procurement for shore sites.

SHIP SELF DEFENSE SYSTEM (SSDS) MK 2

Provides Advance Combat Direction System (ACDS) functionality and SSDS MK1 capabilities with additional weapon and sensor elements. It is integrated with Cooperative Engagement Capability (CEC) and tactical data links to provide joint interoperability for Aircraft Carriers and Amphibious Ships. It provides enhanced capabilities for Force Protection against air, surface, and subsurface threats using both own-ship and remote data in support of the Anti Air Warfare (AAW) Capstone Requirements. SSDS MK2 increases operational capabilities, improves combat readiness and Strike Group and Expeditionary Strike Group interoperability. SSDS MK 2 equips backfit LHDs and CV(N)s with an upgraded Combat System Display Suite which includes AN/UYQ-70s, Automatic Status Boards (ASTABS), Remote ASTAB Controllers, peripheral control stations and Advanced Sensor Distribution System (ASDS), as well as, the SSDS MK 2 computing equipment. Prior year procurement of SSDS MK 2 equipment included shore-based SSDS MK 2 equipment and full combat system suites for the Ship Combat System Center (SCSC), Wallops Island, Virginia; maintenance and operator training equipment at the Center for Surface Combat Systems (CSCS), Dam Neck, Virginia; and an equipment suite for the Self Defense Test Ship (SDTS). COTS obsolescence technology refresh kits are funded for SSDS MK 2 and SSDS MK 1 in FY12-FY18. This P-1 line item supports various Commercial Off The Shelf (COTS) based systems used within the combat system. FY12-FY18 COTS Conversion Kits are planned for CVNs, LPDs, LHDs, and LSDs. The COTS Tech Refresh conversion kits will support Navy Open Architecture computing environment standards to facilitate software reuse. LHD1 has been designated for upgrade from ACDS Block 1 to SSDS MK2 in FY13 based on reuse of existing SSDS/ACDS assets, including ACDS assets from a decommissioned ship. FY11 includes field change kits to upgrade the ACDS assets. FY11, FY12, and FY13 includes installation funds for the LHD1. FY12 -14 includes the procurement and installation of SSDS MK2 Mod 6C and support equipment for shore sites for CVN78 class testing and training. FY12 includes the procurement of equipment for SCSC Wallops Island for SSDS MK2 Mod 6C Combat System Integration and Certification Testing. FY13 includes the procurement of equipment for SSDS MK2 Mod 6C maintenance and operator training. Starting in FY14, the Integrated Combat System Test Facility, at Naval Surface Warfare Center Dahlgren, is designated as an SSDS MK2 test facility for SSDS MK2/Combat

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5239 - Ship Self Defense System									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0604755N, 0603582N, 0604370N, 0204413N									
MDAP/MAIS Code(s): System Certification testing. FY14-FY18 includes COTS Conversion Kits, equipment upgrade kits and support equipment for this facility. The budget cost estimate for the kits varies depends on the specific ship class (CVNs, LPDs, LSDs, LHAs, and LHDs) and the existing configuration of the ship. The cost estimates for individual COTS conversion kits are included in the remarks of exhibit P3A (Set 3 for UQ005B). AMPHIBIOUS ASSAULT DIRECTION SYSTEM (AADS) OR AN/KSQ-1 As directed by the National Security Agency as a Congressional mandate, Crypto Modernization Program funds in FY11-FY13 will be used to upgrade the system's Crypto Key Generator (CKG) from the currently used KOK-13 to the KOK-23. Integrates Enhanced PLRS (EPLRS) with NAVSTAR Global Position System (GPS) via a Global Position to form a jam/intercept resistant, command and control system which supports the surface assault ship-to-shore movement in amphibious operations. An airborne relay group extends the system range over the horizon to 100 nautical miles. By computing Position Location Information (PLI) for each participant in the EPLRS network, AADS provides the capability, in near real-time to locate, identify, track, communicate with and control all craft, vehicles and personnel in the network during operations both afloat and ashore.																			

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)
Ship Self Defense System	P40A, P5A				107.136			7.144			6.215			4.565			-			4.565
1 - AADS FMP Install	P3A				0.796			0.800			0.392			-			-			-
2 - UQ001 - SSDS Full Ship System Suite/Displays	P3A				248.867			-			-			-			-			-
3 - UQ005B - SSDS COTS CONVERSION KITS	P3A				146.575			46.380			48.764			47.293			-			47.293
Total Gross/Weapon System Cost					503.374			54.324			55.371			51.858			-			51.858

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)
Ship Self Defense System	P40A, P5A				-			-			-			-			-			-
1 - AADS FMP Install	P3A				-			-			-			-			-			1.988
2 - UQ001 - SSDS Full Ship System Suite/Displays	P3A				-			-			-			-			-			248.867
3 - UQ005B - SSDS COTS CONVERSION KITS	P3A				66.579			74.514			61.615			62.776			12.946			567.442
Total Gross/Weapon System Cost					71.423			79.389			66.641			67.826	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.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5239 - Ship Self Defense System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604755N, 0603582N, 0604370N, 0204413N
MDAP/MAIS Code(s): Ship Self Defense System provides CVNs, LPDs, LHDs, LHA6 and LSD class ships with greater capability to defend against Anti-Ship Cruise Missiles (ASCM), multi-warfare combat direction capabilities and strike group interoperability via Cooperative Engagement Capability(CEC) and Tactical Data Link (TDL-J).		

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5239 - Ship Self Defense System							Aggregated Item Name: Ship Self Defense 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) Ship Self Defense System																				
1.1) UQ002 - SSDS Production Support	A		-	-	47.773	-	-	2.266	-	-	2.318	-	-	1.646	-	-	-	-	-	1.646
1.2) UQ003 - SSDS ECP	A		-	-	4.332	-	-	0.255	-	-	0.260	-	-	0.188	-	-	-	-	-	0.188
1.3) UQ004 - SSDS Training	A		-	-	19.066	-	-	0.957	-	-	0.978	-	-	0.687	-	-	-	-	-	0.687
1.4) UQ005A - SSDS COTS Eng/ Obsolescence Kits	A		-	-	34.819	-	-	2.815	-	-	2.659	-	-	2.044	-	-	-	-	-	2.044
† 1.5) UQ010 - AADS	A		143,250.00	8	1.146	141,833.33	6	0.851	-	-	-	-	-	-	-	-	-	-	-	-
Total					107.136			7.144			6.215			4.565			-			4.565

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5239 - Ship Self Defense System								Aggregated Item Name: Ship Self Defense 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) Ship Self Defense System																				
1.1) UQ002 - SSDS Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) UQ003 - SSDS ECP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) UQ004 - SSDS Training	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) UQ005A - SSDS COTS Eng/ Obsolescence Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) UQ010 - AADS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System					Aggregated Item Name: Ship Self Defense 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) Ship Self Defense System												
1.5) UQ010 - AADS		2011	General Dynamics / Needham, Ma	SS / FFP	NAVSEA	Jun 2011	Dec 2011	8	143,250.00	N		Jun 2009
1.5) UQ010 - AADS		2012	General Dynamics / Needham, Ma	SS / FFP	NAVSEA	Dec 2011	Jun 2012	6	141,833.33	N		Jun 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AADS FMP Install			
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>)	0.796	0.800	0.392	-	-	-	-	-	-	-	-	1.988
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.796	0.800	0.392	-	-	-	-	-	-	-	-	1.988
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.796	0.800	0.392	-	-	-	-	-	-	-	-	1.988
<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: Effort to procure, install, and upgrade the AADS Crypto Upgrade Kits												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System					Modification Nomenclature (Modification Number - Modification Title): 1 - AADS FMP Install				
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													
AADS FMP Install													
B Kits													
Recurring													
1.1) UQ8IN - AADS UPGRADE KITS - NonOrganic	8 / 0.000	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
Subtotal Recurring	8 / 0.000	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
Total, AADS FMP Install	8 / 0.000	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
Total Procurement, All Modifications	8 / 0.000	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
Total Procurement and Support	0.000	-	-	-	-	-	-	-	-	-	-	-	
AADS FMP Install Installation Cost	- / 0.796	- / 0.800	- / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.988	
Total Installation Cost	- / 0.796	- / 0.800	- / 0.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.988	
Total Cost (Procurement + Support + Installation)	0.796	0.800	0.392	-	-	-	-	-	-	-	-	1.988	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5239 - Ship Self Defense System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AADS FMP Install											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: AADS FMP Install																															
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: AADS FMP Install										Method of Implementation: [none specified]										Installation Name: UQ8IN - AADS 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		6 / 0.796		2 / 0.300		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.096					
FY 2012		- / -		4 / 0.500		2 / 0.392		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.892					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		6 / 0.796		6 / 0.800		2 / 0.392		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 1.988					
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	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Out	6	2	-	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UQ001 - SSDS Full Ship System Suite/Displays			

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>)	248.867	-	-	-	-	-	-	-	-	-	-	248.867
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	248.867	-	-	-	-	-	-	-	-	-	-	248.867
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	248.867	-	-	-	-	-	-	-	-	-	-	248.867
<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:

SSDS MK 2 implements an evolutionary acquisition of improved ship self defense capabilities against Anti-Ship Cruise Missiles for selected Carrier/Amphibious ships by integrating existing programmed Anti-Air Warfare stand alone systems. It provides an automated reaction and multi-target engagement capability emphasizing performance in the littoral environment. Integration focuses on coordinating existing sensor information, providing threat identification and evaluation, assessing defensive readiness, and recommending optimized defensive tactical response to counter single and multiple Anti-Ship Cruise Missile attacks and battle for interoperability via CEC and tactical data links.

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UQ001 - SSDS Full Ship System Suite/Displays				

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												
UQ001 - SSDS Full Ship System Suite/Displays												
B Kits												
Recurring												
1.1.1) Full Ship System Suite/Displays (CVN) - NonOrganic	6 / 65.599	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 65.599
1.1.2) Other Full Suite Displays - NonOrganic	18 / 113.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 113.562
<i>Subtotal Recurring</i>	<i>24 / 179.161</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>24 / 179.161</i>
<i>Total, UQ001 - SSDS Full Ship System Suite/Displays</i>	<i>24 / 179.161</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>24 / 179.161</i>
<i>Total Procurement, All Modifications</i>	<i>24 / 179.161</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>24 / 179.161</i>
<i>Total Procurement and Support</i>	<i>179.161</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>179.161</i>
UQ001 - SSDS Full Ship System Suite/Displays Installation Cost	- / 69.706	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 69.706
<i>Total Installation Cost</i>	<i>- / 69.706</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 69.706</i>
Total Cost (Procurement + Support + Installation)	248.867	-	-	-	-	-	-	-	-	-	-	248.867

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5239 - Ship Self Defense System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UQ001 - SSDS Full Ship System Suite/Displays											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]										Related RDT&E PEs:																
Manufacturer Information: UQ001 - SSDS Full Ship System Suite/Displays																															
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: UQ001 - SSDS Full Ship System Suite/Displays										Method of Implementation: AIT										Installation Name: Full Ship System Suite/Displays (CVN)											
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 / 20.806		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 20.806					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		6 / 20.806		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 20.806					
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5239 - Ship Self Defense System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - UQ001 - SSDS Full Ship System Suite/Displays											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Installation: UQ001 - SSDS Full Ship System Suite/Displays										Method of Implementation: [none specified]										Installation Name: Other Full Suite Displays											
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		18 / 48.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 48.900																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		18 / 48.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 48.900																		
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	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Out	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UQ005B - SSDS COTS CONVERSION 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>)	146.575	46.380	48.764	47.293	-	47.293	66.579	74.514	61.615	62.776	12.946	567.442
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	146.575	46.380	48.764	47.293	-	47.293	66.579	74.514	61.615	62.776	12.946	567.442
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	146.575	46.380	48.764	47.293	-	47.293	66.579	74.514	61.615	62.776	12.946	567.442
<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: SSDS MK 2 and SSDS MK 1 Commercial Off The Shelf (COTS) obsolescence technology refresh kits are funded in FY12-FY18. This P-1 line item supports several variations of COTS based systems used within the combat system. FY12-FY18 COTS Conversion Kits are planned for CVNs, LPDs, LHDs, and LSDs. The COTS Tech Refresh conversion kits will support Navy Open Architecture Computing Environment (OACE) standards to facilitate use of commercial software and reuse of application 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5239 - Ship Self Defense System					Modification Nomenclature (Modification Number - Modification Title): 3 - UQ005B - SSDS COTS CONVERSION 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													
UQ005B - SSDS COTS CONVERSION KITS													
B Kits													
Recurring													
1.1.1) UQ5IN FMP SHIP UNITS - NonOrganic ⁽¹⁾	16 / 70.660	3 / 15.982	6 / 31.550	4 / 28.080	- / -	4 / 28.080	5 / 44.554	4 / 37.141	4 / 36.287	4 / 31.800	- / -	46 / 296.054	
1.1.2) UQ6IN NON FMP SHORE SITES - NonOrganic	6 / 34.402	3 / 21.876	2 / 5.402	2 / 1.624	- / -	2 / 1.624	1 / 2.382	3 / 8.421	1 / 3.233	2 / 9.530	- / -	20 / 86.870	
Subtotal Recurring	22 / 105.062	6 / 37.858	8 / 36.952	6 / 29.704	- / -	6 / 29.704	6 / 46.936	7 / 45.562	5 / 39.520	6 / 41.330	- / -	66 / 382.924	
Total, UQ005B - SSDS COTS CONVERSION KITS	22 / 105.062	6 / 37.858	8 / 36.952	6 / 29.704	- / -	6 / 29.704	6 / 46.936	7 / 45.562	5 / 39.520	6 / 41.330	- / -	66 / 382.924	
Total Procurement, All Modifications	22 / 105.062	6 / 37.858	8 / 36.952	6 / 29.704	- / -	6 / 29.704	6 / 46.936	7 / 45.562	5 / 39.520	6 / 41.330	- / -	66 / 382.924	
Total Procurement and Support	105.062	37.858	36.952	29.704	-	29.704	46.936	45.562	39.520	41.330	-	382.924	
UQ005B - SSDS COTS CONVERSION KITS Installation Cost	- / 41.513	- / 8.522	- / 11.812	- / 17.589	- / -	- / 17.589	- / 19.643	- / 28.952	- / 22.095	- / 21.446	- / 12.946	- / 184.518	
Total Installation Cost	- / 41.513	- / 8.522	- / 11.812	- / 17.589	- / -	- / 17.589	- / 19.643	- / 28.952	- / 22.095	- / 21.446	- / 12.946	- / 184.518	
Total Cost (Procurement + Support + Installation)	146.575	46.380	48.764	47.293	-	47.293	66.579	74.514	61.615	62.776	12.946	567.442	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5239 - Ship Self Defense System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UQ005B - SSDS COTS CONVERSION KITS															
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: UQ005B - SSDS COTS CONVERSION KITS																															
Manufacturer Name: Raytheon Co. (FY12 & FY13 for Network Switching Cabinet), TBD (FY14 & Out)														Manufacturer Location: San Diego, Ca. (FY12 & FY13 for Network Switching Cabinet), TBD for FY14 & Out																	
Administrative Leadtime (<i>in Months</i>): 3														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		Mar 2013		Jan 2014																									
Delivery Dates		Aug 2013		Mar 2014		Jan 2015																									
Installation: UQ005B - SSDS COTS CONVERSION KITS								Method of Implementation: Method								Installation Name: UQ5IN 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		10 / 20.304	4 / 5.126	2 / 2.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 28.018																		
FY 2012		- / -	- / 1.290	2 / 5.688	1 / 2.964	- / -	1 / 2.964	- / -	- / -	- / -	- / -	- / -	3 / 9.942																		
FY 2013		- / -	- / -	- / 1.338	5 / 8.145	- / -	5 / 8.145	1 / 3.023	- / -	- / -	- / -	- / -	6 / 12.506																		
FY 2014		- / -	- / -	- / -	- / 4.167	- / -	- / 4.167	4 / 9.621	- / -	- / -	- / -	- / -	4 / 13.788																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / 5.411	5 / 19.352	- / -	- / -	- / -	5 / 24.763																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.789	4 / 16.856	- / -	- / -	4 / 24.645																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.953	4 / 16.805	- / -	4 / 19.758																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.312	4 / 11.758	4 / 14.070																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		10 / 20.304	4 / 6.416	4 / 9.614	6 / 15.276	- / -	6 / 15.276	5 / 18.055	5 / 27.141	4 / 19.809	4 / 19.117	4 / 11.758	46 / 147.490																		
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	1	-	-	2	2	-	1	3	2	-	1	2	2	-	1	1	3	1	2	-	1	1	1	1	1	4	46
Out	10	-	-	2	1	-	-	1	2	3	1	1	3	-	-	1	2	2	-	1	1	3	1	2	-	1	1	1	1	5	46

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5239 - Ship Self Defense System	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - UQ005B - SSDS COTS CONVERSION KITS

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

Installation: UQ005B - SSDS COTS CONVERSION KITS				Method of Implementation: Method				Installation Name: UQ6IN NON FMP SHORE 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	5 / 21.209	1 / 0.316	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 21.525
FY 2012	- / -	- / 1.790	3 / 1.798	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.588
FY 2013	- / -	- / -	- / 0.400	2 / 1.200	- / -	2 / 1.200	- / -	- / -	- / -	- / -	- / -	2 / 1.600
FY 2014	- / -	- / -	- / -	- / 1.113	- / -	- / 1.113	2 / 1.224	- / -	- / -	- / -	- / -	2 / 2.337
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.364	1 / 0.608	- / -	- / -	- / -	1 / 0.972
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.203	3 / 1.886	- / -	- / -	3 / 3.089
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	1 / 0.600	- / -	1 / 1.000
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.729	2 / 1.188	2 / 2.917
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	5 / 21.209	1 / 2.106	3 / 2.198	2 / 2.313	- / -	2 / 2.313	2 / 1.588	1 / 1.811	3 / 2.286	1 / 2.329	2 / 1.188	20 / 37.028

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	2	-	-	1	1	-	-	1	1	-	-	1	-	-	1	2	-	-	1	-	2	20	
Out	5	-	-	-	-	1	-	-	1	2	-	-	1	1	-	-	1	1	-	-	1	-	-	-	1	2	-	-	1	2	20

Footnotes:

(1) The cost for the kits varies depending on the specific ship class (CVNs, LPDs, LSDs, LHAs, and LHDs) and the existing configuration of the ship involved. SSDS FY12 unit costs are: \$ 8,476K for (1) CVN COTS Conversion Kit, \$ 6,376K for (1) LSD COTS Conversion Kit, \$ 1,130K for (1) CVN PCS Upgrade Kit, \$ 4,672K for (1) Design Agent Short Site (SSDS MK2 Mod 1D/5D), \$ 4,836K for (1) Wallops Island Shore Site (SSDS MK2 Mod 1D/5D), \$12,368K for (1) Wallops Island Shore Site (SSDS MK2 Mod 6C) for CVN 78 Class equipment set. Total Cost for 6 units in FY12 (UQ005B) is \$37,858K. Average unit cost is \$6,310K per unit. SSDS FY12 Conversion Kits funding is provided to various contractors and field activities. Raytheon is the prime contractor for the SSDS Network Switching Cabinets, which have the longest lead time. SSDS FY13 unit costs are: \$8,620K for (1) CVN COTS Conversion Kit \$7,250K for (1) LSD COTS Conversion Kit \$7,250K for (1) LSD COTS Conversion Kit \$7,250K for (1) LSD COTS Conversion Kit for SDTS \$3,465K for (1) Maintenance Trainer for SSDS MK2 Mod6C for CVN78 Class \$1,937K for (1) Maintenance Trainer for SSDS MK2 1D/2D for CVN68/LPD17 Class \$ 530K for (1) CVN PCS Upgrade Kit \$ 650K for (1) CVN Q-70 Upgrade Kit Total Cost for 8 units in FY13 (UQ005B) is \$36,952K. Average unit cost is \$4,619K per unit. SSDS FY13 Conversion Kits funding is provided to various contractors and field activities. Raytheon is the prime contractor for the SSDS Network Switching Cabinet, which have the longest lead time. SSDS FY14 unit costs are: \$7,373K for (1) LSD COTS Conversion Kit \$7,373K for (1) LSD COTS Conversion Kit \$7,373K for (1) LSD COTS Conversion Kit \$5,961K for (1) LPD COTS Conversion Kit \$1,384K for (1) set of COTS Upgrade Kits for ICSTD, NSW, Dahlgren \$ 240K for (1) set of COTS Upgrade Kits for SCSC Wallops Island Total Cost for 6 units in FY14 (UQ005B) is \$29,704K. Average unit cost is \$4,951K per unit. SSDS FY14 Conversion Kits funding is provided to various contractors and field activities. Production leadtime for equipment upgrades ranges from 6 months (for CVN PCS upgrade kits) to 13 months for full conversion kits and shore 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment							P-1 Line Item Nomenclature: 5246 - AEGIS Support 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>	986.471	42.204	81.614	59.757	-	59.757	34.782	39.407	40.302	40.781	-	1,325.318
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	986.471	42.204	81.614	59.757	-	59.757	34.782	39.407	40.302	40.781	-	1,325.318
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	986.471	42.204	81.614	59.757	-	59.757	34.782	39.407	40.302	40.781	-	1,325.318
<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>	-	8.147	8.568	7.942	-	7.942	-	-	-	-	-	24.657
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 equipment for shore facilities and for shipboard upgrades to support the battle readiness of AEGIS Cruisers and Destroyers in the following areas: a. Special Tooling and Test Equipment for AEGIS unique depots; b. Computer, displays and simulators for the Integrated Warfare Systems Laboratory (IWSL) at Dahlgren, VA; c. Weapon/Combat System equipments for the Surface Combat Systems Center (SCSC) at Wallops Island, VA; d. Weapon System Training equipment for the AEGIS Training & Readiness Center (ATRC) at Dahlgren, VA; e. AEGIS Weapon System Ship Change Procurement; *f. Class Common Equipment to support shorter Regular Overhauls and Selected Restricted Availabilities; Includes Ship System Components that require long repair turn-around; *g. CG/DDG - COTS Refresh; *h. Ship Controls System; i. Reconstitution of CIWS on Flight II and IIA DDGs; *j. Computer Program Software Licenses for in-service ships; (25% will be transferring to 0200) k. Congressional Add - Adaptive Diagnostic Electronic Portable Test Set (ADEPT);												

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment											P-1 Line Item Nomenclature: 5246 - AEGIS Support 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)
AEGIS Support Equipment	P40A				718.011			42.204			81.614			59.757			-			59.757
1 - L7005 Smartship Integrated Ship Controls	P3A				268.460			-			-			-			-			-
Total Gross/Weapon System Cost					986.471			42.204			81.614			59.757			-			59.757

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)
AEGIS Support Equipment	P40A				-			-			-			-			-			-
1 - L7005 Smartship Integrated Ship Controls	P3A				-			-			-			-			-			268.460
Total Gross/Weapon System Cost					34.782			39.407			40.302			40.781			-			1,325.318

*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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment										Aggregated Item Name: AEGIS Support 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) Aegis Support Equipment																				
1.1) L7001 - Depot Special Tooling/Test Equipment	A		-	-	32.206	-	-	4.138	-	-	4.856	-	-	4.879	-	-	-	-	-	4.879
1.2) L7003 - Integrated Warfare Systems Laboratory	A		-	-	34.140	-	-	1.550	-	-	2.588	-	-	2.461	-	-	-	-	-	2.461
1.3) L7006 - Surface Combat Systems Center Equipment	A		-	-	30.320	-	-	3.544	-	-	3.113	-	-	2.688	-	-	-	-	-	2.688
1.4) L7011 - Aegis Weapon System Ship Change Procurement	A		-	-	260.100	-	-	10.726	-	-	13.049	-	-	13.796	-	-	-	-	-	13.796
1.5) L7025 - CG/DDG COTS Tech Refresh	A		-	-	52.363	-	-	4.101	-	-	5.945	-	-	-	-	-	-	-	-	-
1.6) L7027 - Computer Program Software Licenses	A		-	-	17.573	-	-	-	-	-	-	-	-	9.853	-	-	-	-	-	9.853
1.7) L7CA6 - ADEPT Congressional Add	A		-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) L7600 - Aegis Support Equipment Installation	A		-	-	133.653	-	-	8.040	-	-	9.288	-	-	8.009	-	-	-	-	-	8.009
<i>Subtotal 1) Aegis Support Equipment</i>					561.355			32.099			38.839			41.686			-			41.686
2) L7007 Aegis Training and Readiness Center ⁽¹⁾																				
2.1) L7007 - Aegis Training & Readiness Center	A		-	-	25.052	-	-	3.279	-	-	1.968	-	-	1.371	-	-	-	-	-	1.371
2.2) L7007 Aegis Readiness Training Center Upgrade	A		-	-	-	-	-	-	-	-	34.200	-	-	16.700	-	-	-	-	-	16.700
<i>Subtotal 2) L7007 Aegis Training and Readiness Center</i>					25.052			3.279			36.168			18.071			-			18.071
3) L7013 Common Class Equipment CCE																				
3.1) L7013 - Class Common Equipment	A		-	-	28.443	-	-	2.025	-	-	2.452	-	-	-	-	-	-	-	-	-
3.2) L7013 - Main Reduction Gears	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) L7013 Common Class Equipment CCE</i>					28.443			2.025			2.452			-			-			-

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment							Aggregated Item Name: AEGIS Support 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) L7026 - Ship Control Systems																					
4.1) L7026 - Ship Control Systems	A		-	-	24.577	-	-	4.801	-	-	4.155	-	-	-	-	-	-	-	-	-	
4.2) L7026 - Ship Control Systems Software Licenses	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.3) L7070- Combat Support Shipalts ⁽²⁾	A		-	-	78.584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) L7026 - Ship Control Systems					103.161			4.801			4.155			-			-			-	
Total					718.011			42.204			81.614			59.757			-			59.757	

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment							Aggregated Item Name: AEGIS Support Equipment					
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) Aegis Support Equipment																				
1.1) L7001 - Depot Special Tooling/Test Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) L7003 - Integrated Warfare Systems Laboratory	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) L7006 - Surface Combat Systems Center Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) L7011 - Aegis Weapon System Ship Change Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) L7025 - CG/DDG COTS Tech Refresh	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) L7027 - Computer Program Software Licenses	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) L7CA6 - ADEPT Congressional Add	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) L7600 - Aegis Support Equipment Installation	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Aegis Support Equipment					-			-			-			-			-			-
2) L7007 Aegis Training and Readiness Center ⁽¹⁾																				
2.1) L7007 - Aegis Training & Readiness Center	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) L7007 Aegis Readiness Training Center Upgrade	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) L7007 Aegis Training and Readiness Center					-			-			-			-			-			-
3) L7013 Common Class Equipment CCE																				
3.1) L7013 - Class Common Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) L7013 - Main Reduction Gears	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) L7013 Common Class Equipment CCE					-			-			-			-			-			-

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment										Aggregated Item Name: AEGIS Support Equipment				
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)
4) L7026 - Ship Control Systems																				
4.1) L7026 - Ship Control Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) L7026 - Ship Control Systems Software Licenses	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) L7070- Combat Support Shipalts ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) L7026 - Ship Control Systems					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: (1) FY13 and FY14 funding is for Advanced Capability Build-12 (ACB-12) equipment upgrades at the AEGIS Training and Readiness Center to support Fleet introduction and training of ACB-12. (2) Procure and install Close In Weapon System (CIWS) onboard DDGs 85-106. Completed in FY11																				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - L7005 Smartship Integrated Ship Controls				
Models of Systems Affected: N/A			Type Modification: N/A					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>)	268.460	-	-	-	-	-	-	-	-	-	-	268.460
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	268.460	-	-	-	-	-	-	-	-	-	-	268.460
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	268.460	-	-	-	-	-	-	-	-	-	-	268.460
<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 and installation of Integrated Ship Controls for CG 47 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment					Modification Nomenclature (Modification Number - Modification Title): 1 - L7005 Smartship Integrated Ship Controls				
Models of Systems Affected: N/A				Type Modification: N/A				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													
L7005 Smartship Integrated Ship Controls													
B Kits													
Recurring													
1.1.1) Smartship Intergrated Ship Controls - NonOrganic (3)	15 / 176.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 176.200	
Subtotal Recurring	15 / 176.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 176.200	
Total, L7005 Smartship Integrated Ship Controls	15 / 176.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 176.200	
Total Procurement, All Modifications	15 / 176.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 176.200	
Total Procurement and Support	176.200	-	-	-	-	-	-	-	-	-	-	176.200	
L7005 Smartship Integrated Ship Controls Installation Cost	- / 92.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 92.260	
Total Installation Cost	- / 92.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 92.260	
Total Cost (Procurement + Support + Installation)	268.460	-	-	-	-	-	-	-	-	-	-	268.460	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5246 - AEGIS Support Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - L7005 Smartship Integrated Ship Controls											
Models of Systems Affected: N/A										Type Modification: N/A										Related RDT&E PEs:											
Manufacturer Information: L7005 Smartship Integrated Ship Controls																															
Manufacturer Name: N/A															Manufacturer Location: N/A																
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																															
Delivery Dates																															
Installation: L7005 Smartship Integrated Ship Controls										Method of Implementation: [none specified]										Installation Name: Smartship Intergrated Ship Controls											
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 / 92.260		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 92.260					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		15 / 92.260		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 92.260					
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	14	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Footnotes: ⁽³⁾ Total lead time is 12 months, which includes administrative lead time (6 months) and production lead time (6 months). Administrative lead time includes receipt of funds, document development, contracts review and vendor concurrence.																															

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment							P-1 Line Item Nomenclature: 5253 - Tomahawk Support 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): 289												
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>)	285.463	70.261	77.767	71.559	-	71.559	64.191	64.286	66.257	66.957	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	285.463	70.261	77.767	71.559	-	71.559	64.191	64.286	66.257	66.957	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	285.463	70.261	77.767	71.559	-	71.559	64.191	64.286	66.257	66.957	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>)	-	0.236	0.171	0.187	-	0.187	0.174	0.182	0.185	0.190	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:

Tomahawk Command and Control System (TC2S) provides for hardware and software modifications to Tomahawk Weapons System (TWS) Command and Control and related products. Funds provide for systems engineering, testing, Independent Verification & Validation (IV&V), Security Accreditation, installation, Site Acceptance Testing (SAT), user familiarization of products and hardware to support command and control nodes. The Selective Availability Anti-Spoofing Module (SAASM) Global Positioning System (GPS) capability, workflow improvements to Mission Planning, Strike Planning & Execution and TWS Single System initiative are included in this line to transition to a Service Oriented Architecture, improve TCS "Kill Chain" planning and communications architecture and system effectiveness. Also, this funding line provides for Commercial-off-the-Shelf/Government-off-the-Shelf (COTS/GOTS) refreshment, engineering changes, software upgrades, and associated SSNs/DDGs/CGs/CVN logistics, and infrastructure to maintain compatibility and interoperability with existing and future TC2S system configurations. TC2S consists of five scalable configurations currently deployed at the Cruise Missile Support Activities (CMSA) (2), Tomahawk Strike Mission Planning Cells (TSMPC) (3), Carrier Strike Group (CSGs) (16 - 11 CVN), Surface Firing Units (FRUs) (84), Subsurface Firing Units (56) Command & Control Nodes (C2 Nodes) (11), Labs (6), & Training Classrooms (6), for a total of 184 sites.

Surface and Submarine Tactical Tomahawk Weapon Control System (TTWCS) is a post milestone III program in sustainment and fielding periodic refreshes to hardware and software to maintain capability. TTWCS functions include: Tasking validation (missile mission matching), planning of over the water routes, initialization, preparation and launch of BLK III/IV missiles. TTWCS reduced response time and increased operational flexibility through addition of Launch Platform Mission Planning (LPMP), and in-flight monitoring and control of Blk IV missiles. Increment 2 & 3 efforts began in FY12 and consist of the completion of full TTWCS hardware technology refresh, C4I Web services interfaces and operability to be fielded in DDG 113 and follow-on FLIGHT III DDG's. Program options are being identified that will enable TWS integration into future platforms.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5253 - Tomahawk Support 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): 289

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)
525300, TOMAHAWK Support Equipment	P40A				285.463			70.261			77.767			71.559			-			71.559
Total Gross/Weapon System Cost					285.463			70.261			77.767			71.559			-			71.559

*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:
 FY13 initiates the upgrade of unsupportable and obsolete software in the Tomahawk Planning System (TPS). The current TPS software is rapidly becoming obsolete, unsupportable, and incompatible with DoD security mandates making it more susceptible to Cyber-attack. The recode effort must commence in the first quarter of FY13. The funds provide for integration, modernization and interoperability efforts necessary to keep pace with changes, retain capability and exploit capabilities of internal (TWS All-Up-Round missile and TTWCS) and external (Modernized Integrated Data Base (MIDB)), National Geospatial Agency (NGA) products, Distributed Common Ground Systems (DCGS) Integrated Backbone (DIB) compliance, Future Imagery Architecture (FIA) imagery formats and Intelligence Surveillance & Reconnaissance (ISR) interfaces, Network Centric Enterprise Services (NCES), Global Information Grid/Internet Protocol (GIG/IP) (V)6, FORCEnet compliance systems/interfaces to the effectiveness of the TWS, into TC2S deployed configurations. Funding supporting TTWCS is appropriately phased to complete the 1st major tech refresh since IOC in 2004. Overall funding decreases in FY14 as compared to FY13 due to software development transitioning to testing.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment								P-1 Line Item Nomenclature: 5253 - Tomahawk Support Equipment						Aggregated Item Name: 525300, TOMAHAWK Support 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) Tactical Tomahawk Weapon Control System (TTWCS) Hardware ⁽¹⁾	A		-	-	5.776	-	-	0.769	-	-	2.597	-	-	2.550	-	-	-	-	-	2.550
1.2) Tomahawk Command and Control System (TC2S) Hardware	A		-	-	8.118	-	-	3.238	-	-	2.743	-	-	2.795	-	-	-	-	-	2.795
Subtotal 1) Hardware					13.894			4.007			5.340			5.345			-			5.345
2) Production Support																				
2.1) TTWCS Product Improvement ⁽²⁾	A		-	-	66.410	-	-	20.505	-	-	16.773	-	-	8.702	-	-	-	-	-	8.702
2.2) TC2S Product Improvements	A		-	-	56.263	-	-	13.753	-	-	23.596	-	-	24.841	-	-	-	-	-	24.841
2.3) Production Support	A		-	-	17.171	-	-	3.283	-	-	2.775	-	-	3.790	-	-	-	-	-	3.790
Subtotal 2) Production Support					139.844			37.541			43.144			37.333			-			37.333
3) ILS																				
3.1) TTWCS Integrated Logistic Support	A		-	-	44.326	-	-	11.403	-	-	13.096	-	-	14.212	-	-	-	-	-	14.212
3.2) TC2S Integrated Logistic Support	A		-	-	31.335	-	-	10.167	-	-	9.023	-	-	9.859	-	-	-	-	-	9.859
3.3) FMP Installations	A		-	-	15.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) ILS					90.800			21.570			22.119			24.071			-			24.071
4) Production Engineering																				
4.1) TTWCS Production Engineering	A		-	-	19.022	-	-	0.575	-	-	0.765	-	-	0.602	-	-	-	-	-	0.602
4.2) TC2S Production Engineering	A		-	-	14.106	-	-	5.476	-	-	4.720	-	-	4.208	-	-	-	-	-	4.208
Subtotal 4) Production Engineering					33.128			6.051			5.485			4.810			-			4.810
5) Miscellaneous Support																				
5.1) TTWCS Other Cost	A		-	-	7.797	-	-	1.092	-	-	1.679	-	-	-	-	-	-	-	-	-
5.2) TC2S Other Cost	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) Miscellaneous Support					7.797			1.092			1.679			-			-			-
Total					285.463			70.261			77.767			71.559			-			71.559
Footnotes:																				
⁽¹⁾ Prior Year Total Costs do not include Cost Elements no longer funded within the 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5253 - Tomahawk Support Equipment	Aggregated Item Name: 525300, TOMAHAWK Support Equipment

⁽²⁾ Planned FY14-FY15 product improvement efforts include HW obsolescence mitigation by replacing HP-744i processors, J6000 processors, GMS Mustang COMMS processor, and video architecture with upgraded technically supported hardware. C4I interoperability is addressed with Global Command and Control System-Maritime (GCCS-M) and Navy mandates (such as FORCENET), implementing the Tomahawk Weapons System (TWS) architecture/Service Oriented Architecture (SOA) with upgraded interfaces. Planned FY16-FY18 product improvement efforts include the assessment of critical deficiencies addressing minor interface issues. Program is compliant with cyber security requirements/mandates such as CJCSM 6510.01E (IA and Computer Network Defense), which requires IAVA/IDS updates to continually identify and fix system security vulnerabilities; to refresh commercial off the shelf (COTS)/free and open-source software (FOSS) when vendor support ends, as mandated by SECNAVINST 5230.15 (IM/IT Policy for Fielding of COTS SW); security re-certifications; refresh COTS hardware; reduce system complexity, and migrate legacy Ada software 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5260 - Vertical Launch 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>	39.765	0.732	0.754	0.626	-	0.626	0.831	0.821	0.795	0.807	0.386	45.517
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	39.765	0.732	0.754	0.626	-	0.626	0.831	0.821	0.795	0.807	0.386	45.517
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	39.765	0.732	0.754	0.626	-	0.626	0.831	0.821	0.795	0.807	0.386	45.517

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

Initial Spares <i>(\$ in Millions)</i>	-	1.296	0.609	0.169	-	0.169	0.767	0.616	0.422	0.015	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 MK-41 Vertical Launching System (VLS) is a surface combatant missile launching system, designed to store, select and launch various STANDARD Missile configurations, TOMAHAWK, Tactical TOMAHAWK, EVOLVED SEASPARROW (ESSM) and Vertical Launch ASROC (VLA) missiles. The MK-41 VLS significantly improves missile capacity, flexibility, multi-mission capability, reaction time and rate of fire and is designed to be adaptable to present and future weapon systems. Current configurations are: two 61 cell launchers, forward and aft, for 22 TICONDEROGA (CG 47) Class Cruisers beginning with CG-52; one 61 cell aft and one 29 cell launcher forward for 28 ARLEIGH BURKE (DDG 51) Class Destroyers; and one 64 cell launcher aft and one 32 cell launcher forward for 34 DDG 51 FLT IIA ships.

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)
Vertical Launch Systems	P40A, P5A				22.328			0.732			0.754			0.626			-			0.626
1 - 5A118 MTCP EQUIVALENT OF 4293	P3A				3.986			-			-			-			-			-
2 - 5A118 4292 FAIRING BLOCK UPGRADE	P3A				10.842			-			-			-			-			-
3 - 5A118 SHIPALT MATERIAL HALL SWITCH	P3A				2.609			-			-			-			-			-
Total Gross/Weapon System Cost					39.765			0.732			0.754			0.626			-			0.626

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5260 - Vertical Launch 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	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)
Vertical Launch Systems	P40A, P5A				-			-			-			-			-			-
1 - 5A118 MTCP EQUIVALENT OF 4293	P3A				-			-			-			-			0.386			4.372
2 - 5A118 4292 FAIRING BLOCK UPGRADE	P3A				-			-			-			-			-			10.842
3 - 5A118 SHIPALT MATERIAL HALL SWITCH	P3A				-			-			-			-			-			2.609
Total Gross/Weapon System Cost					0.831			0.821			0.795			0.807			0.386			45.517

*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 OPN requirements procure ECPs/ORDNANCE Alterations (ORDALTs) and funds sustaining engineering support for Fleet investigations and safety issues. Funds are required for Fleet operational availability, capability, safety and survivability. There are no significant increases or decreases in this program.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems										Aggregated Item Name: Vertical Launch 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) Vertical Launch Systems																				
1) VLS ORDALTS	A		-	-	7.522	-	-	0.429	-	-	0.436	-	-	0.360	-	-	-	-	-	0.360
2) VLS PRODUCTION ENGINEERING	A		-	-	2.311	-	-	0.250	-	-	0.264	-	-	0.212	-	-	-	-	-	0.212
<i>Subtotal 1) Vertical Launch Systems</i>					9.833			0.679			0.700			0.572			-			0.572
1) 5A101 AUR ELECTRONIC SIMULATOR																				
† 1.1) AURVS CABLE HEADER INSERT	A		600.00	10	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) IMPROVED AURVS CABLE	A		388,000.00	4	1.552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 5A101 AUR ELECTRONIC SIMULATOR</i>					1.558			-			-			-			-			-
2) 5A102 AUR ELECTRONIC SIMULATOR																				
† 2.1) MOD 5	A		359,588.24	17	6.113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) 5A102 AUR ELECTRONIC SIMULATOR</i>					6.113			-			-			-			-			-
3) 5A1007 LOADING SUPPORT EQUIPMENT																				
3.1) MISCELLANEOUS SUPPORT EQUIPMENT	A		-	-	1.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 5A1007 LOADING SUPPORT EQUIPMENT</i>					1.985			-			-			-			-			-
4) 5A116 GACILITY HARDWARE																				
4.1) FACILITY HARDWARE	A		-	-	1.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) 5A116 GACILITY HARDWARE</i>					1.349			-			-			-			-			-
5) 5A118 SHIPALT MATERIAL																				
† 5.1) TCP CIRCUIT CARD FIELD CHANGES	A		518,500.00	2	1.037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) 5A118 SHIPALT MATERIAL</i>					1.037			-			-			-			-			-
6) 5A51N Install Equipment N86 ⁽¹⁾																				

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems										Aggregated Item Name: Vertical Launch 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)
6.1) 5A5IN Install Equipment N86	A		-	-	0.453	-	-	0.053	-	-	0.054	-	-	0.054	-	-	-	-	-	0.054
<i>Subtotal 6) 5A5IN Install Equipment N86</i>					0.453			0.053			0.054			0.054			-			0.054
Total					22.328			0.732			0.754			0.626			-			0.626

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems										Aggregated Item Name: Vertical Launch 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) Vertical Launch Systems																				
1) VLS ORDALTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2) VLS PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) Vertical Launch Systems</i>					-			-			-			-			-			-
1) 5A101 AUR ELECTRONIC SIMULATOR																				
† 1.1) AURVS CABLE HEADER INSERT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) IMPROVED AURVS CABLE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 5A101 AUR ELECTRONIC SIMULATOR</i>					-			-			-			-			-			-
2) 5A102 AUR ELECTRONIC SIMULATOR																				
† 2.1) MOD 5	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) 5A102 AUR ELECTRONIC SIMULATOR</i>					-			-			-			-			-			-
3) 5A1007 LOADING SUPPORT EQUIPMENT																				
3.1) MISCELLANEOUS SUPPORT EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 5A1007 LOADING SUPPORT EQUIPMENT</i>					-			-			-			-			-			-
4) 5A116 FACILITY HARDWARE																				
4.1) FACILITY HARDWARE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) 5A116 FACILITY HARDWARE</i>					-			-			-			-			-			-
5) 5A118 SHIPALT MATERIAL																				
† 5.1) TCP CIRCUIT CARD FIELD CHANGES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) 5A118 SHIPALT MATERIAL</i>					-			-			-			-			-			-
6) 5A51N Install Equipment N86 ⁽¹⁾																				

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment									P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems							Aggregated Item Name: Vertical Launch 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) 5A5IN Install Equipment N86	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 6) 5A5IN Install Equipment N86					-			-			-			-			-			-	
Total					-			-			-			-			-			-	
Footnotes: (1) VLS ORDALT Installation																					

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment			P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems						Aggregated Item Name: Vertical Launch 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) 5A101 AUR ELECTRONIC SIMULATOR												
1.1) AURVS CABLE HEADER INSERT		2011	NUWC NPT / NEWPORT, RI	Various	NAVSEA	Feb 2011	Feb 2012	10	600.00	Y		
1.2) IMPROVED AURVS CABLE		2011	NUWC / New MFG - Loc	Various	NAVSEA	Feb 2011	Feb 2012	4	15,500.00	Y		
2) 5A102 AUR ELECTRONIC SIMLUATOR												
2.1) MOD 5		2011	NUWC NPT / NEWPORT, RI	Various	NAVSEA	Feb 2011	Feb 2012	17	33,941.18	Y		
5) 5A118 SHIPALT MATERIAL												
5.1) TCP CIRCUIT CARD FIELD CHANGES		2011	NUWC NPT / NEWPORT, RI	Various	NAVSEA	Feb 2011	Feb 2012	2	128,500.00	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5A118 MTCP EQUIVALENT OF 4293			

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>)	3.986	-	-	-	-	-	-	-	-	-	0.386	4.372
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	3.986	-	-	-	-	-	-	-	-	-	0.386	4.372
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	3.986	-	-	-	-	-	-	-	-	-	0.386	4.372

(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:

Vertical Launch Systems (VLS) Upgrades have been cancelled on SSNs in FY14-17.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems	Modification Nomenclature (Modification Number - Modification Title): 1 - 5A118 MTCP EQUIVALENT OF 4293

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												
5A118 MTCP EQUIVALENT OF 4293												
B Kits												
Recurring												
1.1.1) MTCP EQUIVALENT OF 4293 - NonOrganic	10 / 2.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.686
<i>Subtotal Recurring</i>	10 / 2.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.686
<i>Total, 5A118 MTCP EQUIVALENT OF 4293</i>	10 / 2.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.686
<i>Total Procurement, All Modifications</i>	10 / 2.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.686
Total Procurement and Support	2.686	-	-	-	-	-	-	-	-	-	-	2.686
5A118 MTCP EQUIVALENT OF 4293 Installation Cost	- / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.386	- / 1.686
<i>Total Installation Cost</i>	- / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.386	- / 1.686
Total Cost (Procurement + Support + Installation)	3.986	-	-	-	-	-	-	-	-	-	0.386	4.372

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment		P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 5A118 MTCP EQUIVALENT OF 4293

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

Manufacturer Information: 5A118 MTCP EQUIVALENT OF 4293

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: 5A118 MTCP EQUIVALENT OF 4293				Method of Implementation: AIT INSTALLATION				Installation Name: MTCP EQUIVALENT OF 4293				
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 / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.386	10 / 1.686
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	8 / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.386	10 / 1.686

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	10	
Out	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 5A118 4292 FAIRING BLOCK UPGRADE			
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>)	10.842	-	-	-	-	-	-	-	-	-	-	10.842
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	10.842	-	-	-	-	-	-	-	-	-	-	10.842
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	10.842	-	-	-	-	-	-	-	-	-	-	10.842
<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: This alteration modifies the VLS fairing to Muzzle Hatch connecting links, fairing lock bar cylinder and lock bar components with predominantly off-shelf hardware to provide increased accuracy of adjustment and eliminate potential binding and interference areas.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems					Modification Nomenclature (Modification Number - Modification Title): 2 - 5A118 4292 FAIRING BLOCK UPGRADE			
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												
5A118 4292 FAIRING BLOCK UPGRADE												
B Kits												
Recurring												
1.1.1) 4292 FAIRING BLOCK RECURRING - NonOrganic	21 / 6.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 6.596
Subtotal Recurring	21 / 6.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 6.596
Total, 5A118 4292 FAIRING BLOCK UPGRADE	21 / 6.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 6.596
Total Procurement, All Modifications	21 / 6.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 6.596
Total Procurement and Support	6.596	-	-	-	-	-	-	-	-	-	-	6.596
5A118 4292 FAIRING BLOCK UPGRADE Installation Cost	- / 4.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.246
Total Installation Cost	- / 4.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.246
Total Cost (Procurement + Support + Installation)	10.842	-	-	-	-	-	-	-	-	-	-	10.842

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 5A118 4292 FAIRING BLOCK UPGRADE											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: 5A118 4292 FAIRING BLOCK UPGRADE																															
Manufacturer Name: NUWC Neport													Manufacturer Location: Newport, 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		Feb 2011																													
Delivery Dates		Feb 2012																													
Installation: 5A118 4292 FAIRING BLOCK UPGRADE										Method of Implementation: AIT INSTALLATION										Installation Name: 4292 FAIRING BLOCK RECURRING											
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		17 / 4.246		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.000		21 / 4.246							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		17 / 4.246		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / -		21 / 4.246							
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	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	21
Out	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	21

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 5A118 SHIPALT MATERIAL HALL SWITCH			

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>)	2.609	-	-	-	-	-	-	-	-	-	-	2.609
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	2.609	-	-	-	-	-	-	-	-	-	-	2.609
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	2.609	-	-	-	-	-	-	-	-	-	-	2.609
<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:

This alteration replaces internal glass-body electromechanical reed switches with an electronic Hall Effect switch actuated by a single pole magnetic field to provide ease of manufacture, eliminate magnet rotational positioning of present magnets, and allow use of higher reliability magnets better suited to the 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 5A118 SHIPALT MATERIAL HALL SWITCH				

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												
5A118 SHIPALT MATERIAL HALL SWITCH												
B Kits												
Recurring												
1.1.1) SHIPALT MATERIAL HALL SWITCH - NonOrganic	19 / 1.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.409
<i>Subtotal Recurring</i>	19 / 1.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.409
<i>Total, 5A118 SHIPALT MATERIAL HALL SWITCH</i>	19 / 1.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.409
<i>Total Procurement, All Modifications</i>	19 / 1.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.409
<i>Total Procurement and Support</i>	1.409	-	-	-	-	-	-	-	-	-	-	1.409
5A118 SHIPALT MATERIAL HALL SWITCH Installation Cost	- / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
<i>Total Installation Cost</i>	- / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
Total Cost (Procurement + Support + Installation)	2.609	-	-	-	-	-	-	-	-	-	-	2.609

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5260 - Vertical Launch Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 5A118 SHIPALT MATERIAL HALL SWITCH											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: 5A118 SHIPALT MATERIAL HALL SWITCH																															
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: 5A118 SHIPALT MATERIAL HALL SWITCH										Method of Implementation: [none specified]										Installation Name: SHIPALT MATERIAL HALL SWITCH											
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 / 1.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		19 / 1.200					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		19 / 1.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		19 / 1.200					
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Out	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS

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	4.666	4.965	2.779	-	2.779	-	-	-	-	-	12.410
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	4.666	4.965	2.779	-	2.779	-	-	-	-	-	12.410
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	4.666	4.965	2.779	-	2.779	-	-	-	-	-	12.410
<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:

Maritime Integrated Air and Missile Defense (IAMD) Planning System (MIPS) is an automated air and missile defense planning tool that supports Joint Force Maritime Component Commander operational level of war air defense planning by automatically and optimally allocating ship stationing options in support of Ballistic Missile Defense (BMD) or Anti-Air Warfare (AAW).

MIPS contains United States Army Patriot and Terminal High Altitude Air Defense models to ensure synergistic allocation and positioning of maritime units in relation to other joint units, providing optimized mutual defense of selected defended assets, against selected BMD and AAW threats. FY 2012 is the first year OPN is being used for the MIPS Program; to provide technology refresh to existing hardware.

Fourteen (14) MIPS are currently planned for procurement, with three (3) ship-based installations, ten (10) shore-based installations, and one (1) Environmental Qualification Test (EQT) system. The ship classes that will receive MIPS are CVN and LCC class ships. The ten (10) shore-based systems will be installed at various predetermined locations.

[P40A / 5B001 - EQUIPMENT]: These funds are for the procurement of MIPS technology refresh hardware and software for ship and shore based installations.

[P40A / 5B830 - PRODUCTION ENGINEERING]: The funds are for production engineering support for MIPS hardware and software.

[P40A / 5BINS - NON-FMP INSTALLATION]: These funds are for installation of Non-Shipboard MIPS hardware at various Land Based 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment											P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS										
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)
Maritime Integrated Planning System - MIPS	P40A, P5A, P21				-			4.193			2.845			0.545			-			0.545
1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)	P3A				0.000			0.473			2.120			2.234			-			2.234
Total Gross/Weapon System Cost					0.000			4.666			4.965			2.779			-			2.779

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)
Maritime Integrated Planning System - MIPS	P40A, P5A, P21				-			-			-			-			-			-
1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)	P3A				-			-			-			-			-			4.827
Total Gross/Weapon System Cost					-			-			-			-			-			12.410

*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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment							P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS								Aggregated Item Name: Maritime Integrated Planning System - MIPS					
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) 5B001 - EQUIPMENT																				
† 1.1) EQUIPMENT	A		-	-	-	250,000.00	6	1.500	250,000.00	4	1.000	247,000.00	1	0.247	-	-	-	247,000.00	1	0.247
Subtotal 1) 5B001 - EQUIPMENT					-			1.500			1.000			0.247			-			0.247
2) 5B830 - PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING ⁽¹⁾	A		-	-	-	-	-	1.120	-	-	0.480	-	-	-	-	-	-	-	-	-
Subtotal 2) 5B830 - PRODUCTION ENGINEERING					-			1.120			0.480			-			-			-
3) 5BINS - NON-FMP INSTALLATION																				
† 3.1) NON-FMP INSTALLATOIN	A		-	-	-	314,600.00	5	1.573	341,250.00	4	1.365	298,000.00	1	0.298	-	-	-	298,000.00	1	0.298
Subtotal 3) 5BINS - NON-FMP INSTALLATION					-			1.573			1.365			0.298			-			0.298
Total					-			4.193			2.845			0.545			-			0.545

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment						P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS										Aggregated Item Name: Maritime Integrated Planning System - MIPS				
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) 5B001 - EQUIPMENT																				
† 1.1) EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 5B001 - EQUIPMENT</i>					-			-			-			-			-			-
2) 5B830 - PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) 5B830 - PRODUCTION ENGINEERING</i>					-			-			-			-			-			-
3) 5BINS - NON-FMP INSTALLATION																				
† 3.1) NON-FMP INSTALLATION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 5BINS - NON-FMP INSTALLATION</i>					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: ⁽¹⁾ These funds are for production engineering support for MIPS hardware and software.																				

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment			P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS						Aggregated Item Name: Maritime Integrated Planning System - MIPS			
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
1) 5B001 - EQUIPMENT												
†1.1) EQUIPMENT		2012	GDAIS / VA Beach, VA	C / FFP	Washington, DC	Jul 2012	Jan 2013	6	250,000.00	Y		
†1.1) EQUIPMENT		2013	GDAIS / VA Beach, VA	C / FFP	Washington, DC	Feb 2013	Aug 2013	4	250,000.00	Y		
†1.1) EQUIPMENT		2014	TBD / TBD	C / TBD	Washington, DC	Feb 2014	Aug 2014	1	247,000.00	Y		
3) 5BINS - NON-FMP INSTALLATION												
3.1) NON-FMP INSTALLATOIN		2012	GDAIS / VA Beach, VA	C / FFP	Washington, DC	Sep 2012	Sep 2012	5	314,600.00	Y		
3.1) NON-FMP INSTALLATOIN		2013	GDAIS / VA Beach, VA	C / FFP	Washington, DC	Oct 2012	Oct 2012	4	341,250.00	Y		
3.1) NON-FMP INSTALLATOIN		2014	TBD / TBD	TBD	** NO PCO **	Oct 2013	Oct 2013	1	298,000.00	N		

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS													Aggregated Item Name: Maritime Integrated Planning System - MIPS											
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			
1) 5B001 - EQUIPMENT																																		
1.1) EQUIPMENT																																		
	33	2012	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	6											-
	33	2013	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	4	-			
	34	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment							P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS															Aggregated Item Name: Maritime Integrated Planning System - MIPS									
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	
1) 5B001 - EQUIPMENT																															
1.1) EQUIPMENT																															
	33	2012	NAVY	6	6	-																									-
	33	2013	NAVY	4	4	-																									-
	34	2014	NAVY	1	-	1	-	-	-	-	A -	-	-	-	-	-	1	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS	Aggregated Item Name: Maritime Integrated Planning System - MIPS

		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	GDAIS - VA Beach, VA	6.00	6.00	6.00	-	-	6	6	-	-	6	6
2	TBD - TBD	6.00	6.00	6.00	-	-	6	6	-	-	6	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-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)

Models of Systems Affected: 5B001 MIPS Procurement				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	0.473	2.120	2.234	-	2.234	-	-	-	-	-	4.827
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	0.473	2.120	2.234	-	2.234	-	-	-	-	-	4.827
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	0.473	2.120	2.234	-	2.234	-	-	-	-	-	4.827

(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:

10 shore-based units will be procured and one unit will be used to conduct required EQT testing. The EQT shore-based unit will not be installed after testing. There are no fleet modernization program (FMP) installation costs associated with the 10 shore-based units because those installations will be performed at the shore-based sites.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)				

Models of Systems Affected: 5B001 MIPS Procurement				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												
MARITIME INTEGRATED PLANNING SYSTEM (MIPS)												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic ⁽²⁾	- / -	- / -	1 / 0.250	2 / 0.500	- / -	2 / 0.500	- / -	- / -	- / -	- / -	- / -	3 / 0.750
Subtotal Recurring	- / -	- / -	1 / 0.250	2 / 0.500	- / -	2 / 0.500	- / -	- / -	- / -	- / -	- / -	3 / 0.750
Total, MARITIME INTEGRATED PLANNING SYSTEM (MIPS)	- / -	- / -	1 / 0.250	2 / 0.500	- / -	2 / 0.500	- / -	- / -	- / -	- / -	- / -	3 / 0.750
Total Procurement, All Modifications	- / -	- / -	1 / 0.250	2 / 0.500	- / -	2 / 0.500	- / -	- / -	- / -	- / -	- / -	3 / 0.750
Total Procurement and Support	-	-	0.250	0.500	-	0.500	-	-	-	-	-	0.750
MARITIME INTEGRATED PLANNING SYSTEM (MIPS) Installation Cost	- / 0.000	- / 0.473	- / 1.870	- / 1.734	- / -	- / 1.734	- / -	- / -	- / -	- / -	- / -	- / 4.077
Total Installation Cost	- / 0.000	- / 0.473	- / 1.870	- / 1.734	- / -	- / 1.734	- / -	- / -	- / -	- / -	- / -	- / 4.077
Total Cost (Procurement + Support + Installation)	0.000	0.473	2.120	2.234	-	2.234	-	-	-	-	-	4.827

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment				P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)				
Models of Systems Affected: 5B001 MIPS Procurement				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Manufacturer Information: MARITIME INTEGRATED PLANNING SYSTEM (MIPS)												
Manufacturer Name: GDAIS						Manufacturer Location: VA. Beach, VA						
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		Feb 2013										
Delivery Dates		Sep 2013										
Manufacturer Name: TBD						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			Feb 2014									
Delivery Dates			Sep 2014									
Installation: MARITIME INTEGRATED PLANNING SYSTEM (MIPS) 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / 0.342	1 / 0.988	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.330
FY 2014	- / -	- / 0.131	- / 0.882	2 / 1.734	- / -	2 / 1.734	- / -	- / -	- / -	- / -	- / -	2 / 2.747
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / 0.473	1 / 1.870	2 / 1.734	- / -	2 / 1.734	- / -	- / -	- / -	- / -	- / -	3 / 4.077

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment										P-1 Line Item Nomenclature: 5265 - Maritime Integrated Planning System - MIPS										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MARITIME INTEGRATED PLANNING SYSTEM (MIPS)													
Models of Systems Affected: 5B001 MIPS Procurement										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:													
Installation: MARITIME INTEGRATED PLANNING SYSTEM (MIPS)																						Method of Implementation: [none specified]						Installation Name: EQUIPMENT					
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	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
Out	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
Footnotes: ⁽²⁾ HARDWARE PROCUREMENT - 5B001 These funds are for the procurement of MIPS technology refresh hardware and software for ship and shore based 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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment							P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems 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>	158.171	200.078	181.049	224.484	-	224.484	230.366	231.462	212.859	233.940	-	1,672.409	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	158.171	200.078	181.049	224.484	-	224.484	230.366	231.462	212.859	233.940	-	1,672.409	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	158.171	200.078	181.049	224.484	-	224.484	230.366	231.462	212.859	233.940	-	1,672.409	
<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 budget provides for the procurement of Strategic Weapons System (SWS) equipment for deployed SSBNs and shore support sites to support the TRIDENT II (D5) program. Included are shipboard subsystem equipment modernization and technical refresh efforts associated with the TRIDENT II (D-5) life extension program. TRIDENT II SSBN hull life has been extended, therefore extending system life to FY 2042.													

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)
Strategic Missile Systems Equip	P40A, P5A, P21				158.171			200.078			181.049			224.484			-			224.484
Total Gross/Weapon System Cost					158.171			200.078			181.049			224.484			-			224.484

*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: OTHER MATERIAL SUPPORT (FY14 \$52.834M)

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment		P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems 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):		
A broad range of other material support equipment must be procured for deployed SSBNs, shore installations and contractor facilities. Included within this category are general and special purpose test equipment, launcher expendables, navigation principal items, test instrumentation in support of missile flight tests, and missile checkout equipment. Amounts included within this P1 line for this category are subdivided as follows: Launcher and Handling Equipment: This funding supports procurement of MK-74 Gas Generators and related production support. Funding in FY 2014 provides for Gas Generator and Launch Tube Closure production, as well as, providing support equipment and outfitting for the Second Explosives Handling Wharf (EHW) project. Fire Control Equipment: Funding in FY2014 provides procurement of Fire Control Auxillary Support Equipment as well as continued Capital Maintenance Projects at the Naval Industrial Reserve Ordnance Plant (NIROP) in Pittsfield, MA. These projects are essential to correct environmental, safety, and energy conservation deficiencies. Navigation Equipment: Funding in FY 2014 provides for Stable Platform & Housing Material Kits and Shock Isolation System Kits for Electro-statically Supported Gyro Navigator (ESGN) to maintain survivability for the SSBNs. Funding is required for replacement of worn or damaged inertial test equipment used at contractors' plants to support test, evaluation, and analysis of inertial instruments. Instrumentation/Missile Test Equipment: Funding in all years provides for shore based and shipboard test instrumentation equipment in support of missile flight tests. Funding in FY 2014 provides for a refresh of the Flight Test and Pacific Range Test Instrumentation System. Information Technology: IT equipment acquisitions (hardware and related software) in support of the Strategic Systems Programs. IT hardware and software components that connect to SWSNET are also part of the acquisitions. ALTERATIONS (FY14 \$136.294M) Alterations to non-flying tactical hardware are continuing requirements for the Strategic Weapons System (SWS). Requirements primarily relate to shipboard investments in Commercial-off-the-Shelf/Non-Developmental Items (COTS/NDI) SWS subsystem equipment, including periodic refresh cycles, to ensure continued reliable performance of the weapon system for its extended service life to match the OHIO Class life extension. Alterations (SPALTs) also entail the application of available technology to eliminate personnel safety hazards, correct design deficiencies, maintain system effectiveness by resolving equipment operability problems, achieve logistic economies, and provide for shipboard subsystem D5 life extension modernization efforts. Funds are required to procure alterations to the Strategic Weapons System launcher and fire control subsystems; to inertial, non-inertial, and ESGN navigation subsystem equipment on deployed SSBNs and installed at supporting shore facilities, including the TRIDENT Training Facility (TTF), Bangor, TTF, Kings Bay, the Ashore Navigation Center, and the Inertial System Test Laboratory; to test instrumentation used on SSBNs, support ships and at the Eastern Test Range, the TRIDENT Refit Facility (TRF), Bangor, and TRF, Kings Bay; and to missile handling equipment, missile test and readiness equipment, and surface support equipment. Installation of approved SPALTs is performed on a turnkey basis in conjunction with the procurement of equipment. Use of Commercial-off-the-Shelf/Non-Developmental Items (COTS/NDI) has been initiated and is being implemented in all subsystems, wherever possible. The majority of the Alterations funding supports the Shipboard System Integration (SSI) program which utilizes a COTS based strategy that integrates common electronics (from Fire Control, Launcher, Navigation and Shipboard Data Recording Systems) into the Fire Control sub-system as well as refreshing inertial systems in order to ensure the TRIDENT II (D5) weapon system can be sustained to FY 2042 in support of OHIO Class SSBNs. Below is a description of each SSI Increment: SSI Inc 1: Provide subsystems integration into the MOD 6/7 Tech Refresh for the Fire Control System (FCS) leaving the Missile and Guidance system interface unchanged. Also provides Ship/Strategic Weapons Support System (SWSS) SHIPALT's for ship interfaces that comprise of power, missile tube cabling, radio room, and Fire Control (FC) cabling. Installation is accomplished during 50 day refit without missile offload. SSI Inc 2: Introduction of an integrated Shipboard Data Systems (SDS) which is comprised of Data Recording Subsystem (DRS), Maintenance Information Network (MIN), and Electronic Work Log (EWL) subsystems. The DRS legacy functionality, connectivity, equipment is unchanged. The EWL subsystem provides software upgrades and the Window 7 Operating System upgrade. Provides subsystem Strategic Programs Alterations (SPALTs) for SDS and Strategic Weapons System Maintenance Information Network (SWSMIN) and refresh portable computing devices. SSI Inc 4: Prerequisites are SSI Inc 1 and 2. Increment 4 provides SWS Subsystem SPALTs which includes Mod 6/7 FCS Refresh SPALT, Navigation (NAV) Radio Frequency (RF) SPALT, SDS SPALT, and Cabling SPALT. For the FC Mod 6/7 Refresh it contains the technical refresh, integration and commonality of the system. The DRS legacy software modifies the support of the new NAV/SHIP/DRS and NAV/FC		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment		P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems 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):		
interfaces and format changes. For Navigation changes, the equipment remains in NAV Center. Supplies the first technical refresh in 25 years for Navigation Aids (NAVAIDS) Electronics, frequency standard, workstation, and NAV Control Panel (NCP). SSI Inc 8: Prerequisite is SSI Inc 4. Increment 8 provides replacement of the 30 year old ESGN which needs a refresh of inertial technology components, replacement of the Electronic Equipment Consoles (EEC) , and updates Navigation Subsystem software to accommodate ESGN replacement navigator. Also, provides SWS subsystem SPALTs for FC and TTF NAV Lab trainers, and SDS (DRS) Software SPALT changes which are driven by data requirement changes. The SHIPALTs retain NAV Center bedplate, cabling, chilled water/ventilation, and retain electrical Power. SSI Inc 11: Launcher Initiation System (LIS) is being developed for backfit onto OHIO Class D5LE SSI Inc 1 is a prerequisite. This provides a technical refresh of 30+ year old technology to ensure long term system reliability. SHIP/SWSS SHIPALT are to replace electrical cable with hybrid fiber-optic/electrical cable. SSI Inc 13: Prerequisite is SSI Inc 4. Increment 13 provides Shipboard Systems Refresh for FCS, NAV, and Missile Test and Readiness Equipment (MTRE) to integrate within the subsystems. Launcher and Handling Equipment: Funding provides for launcher and handling equipment alterations to address aging and obsolescence issues. Funds in FY 2014 provides for the LIS Firing Units (FUs) and Launch Safing Units (LSUs) and minor Launcher SPALTS such as the Hoist. Funding in FY 2014 also provides for engineering and testing the 30+ year old technology ensure long term system reliability and survivability. Fire Control Equipment: Funding in all years will allow for implementation of Life Cycle Cost Control (LCCC) initiatives aimed at the integration of TRIDENT II SWS subsystem equipment into the Fire Control System (FCS), leveraging off of the MK-98 Mod 4 Fire Control design to implement the first phase of TRIDENT II SSI architecture. The product of these SWS integration efforts will be implementation of an affordable design to meet all operational requirements while minimizing total ownership costs. FY 2014 funding provides the following efforts: - SSI Increment 4 Refresh/Redesign of the FCS - SSI Increment 4 Navigation and Fire Control Integration - Production of the MOD 6 Fire Control Refresh SPALT Kit Navigation Equipment: Funding in FY 2014 provides for the following efforts: - Continued refresh/redesign of the Navigation GPS Receiver/Antenna, Software SPALT, frequency stand, workstation and NCP (SSI Increment #4) - Continuing testing of Navigation's software coding, preparation of Information Assurance Risk Assessment, Final Accpetance Testing - Procurement of material and production of Navigation electronic SPALT kits (SSI Increment #4) - Independent Verification and Validation for Increment #4 Navigation efforts - Refresh/redesign of the ESGN (SSI Increment #8) - Independent Verification and Validation for Increment #8 Navigation efforts - Providing prototype of Engineering Development Modules (EDMs) for the Inertial Navigation System (INS) and the Gyroscope - Navigation Sonar System (NSS) Sensor Qualification which certifies next generation sensors for fleet use. Qualification ensures that the final product can operate in the tactical environment, and consists of testing such as aging, shock and vibration. Instrumentation/Missile Checkout equipment: FY 2014 funding provides for Forecast Instrumentation SPALT for hardware modification to submarine instrumentation of flight systems. Funding also provides Missile Test and Readiness Equipment (MTRE) to sync with Fire Control software changes for SSI Inc 13. TRAINING SUPPORT EQUIPMENT (FY14 \$9.437M) This category provides for procurement of, and alterations to, both tactical and non-tactical equipment required at submarine training facilities to train personnel in the operation and maintenance of launcher and handling, fire control, navigation, missile checkout, and test instrumentation subsystems. Each training facility consists of an integrated family of system and unit laboratories that interface with a training		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment		P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems 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): simulation system to provide complete and realistic training for replacement and off-crew personnel, both officer and enlisted, as required for manning of SSBNs and shore facilities. Funding is budgeted to procure training-unique equipment required as the result of alterations to SWS tactical equipment, including those associated with D-5 life extension. Funds are required for software and hardware design modification, lab documentation modification, facility modification, and design and system integration, as well as procurement and fabrication of all hardware needed to support Navigation and Fire Control subsystem training at both the TTF, Bangor, and at TTF, Kings Bay. The required effort includes upgrade of the Bangor and Kings Bay Navigation and Fire Control trainers from SSI Increments 1, and 4, Integration of Fire Control SSI Increments 1, 4 and PC Simulation, and for the development of the Virtual Strategic Weapons System (SWSD) classroom trainers. Funding also addresses the need for acquisition of upgrades to the Bangor and Kings Bay TTFs resulting from tactical changes in the TRIDENT II (D5) missile under the Life Extension (LE) program. A major task in FY14 will be implementation of the training continuum for Missile Technicians as mandated in OPNAV 1500.76B, Naval Training Systems Requirements, Acquisition and Management. NEW START (FY14 \$25.919M) Funding in this category is in support of the Strategic Arms Reduction Treaty (New START) signed into law on 5 February 2011. New START is a nuclear arms reduction treaty between the United States and the Russian Federation which limits the number of deployed launchers. Funding in FY14 will procure traditional ballast and associated support for steel closure design, procurement and material support for the missile tubes.		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment						P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip										Aggregated Item Name: Strategic Missile Systems 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) Other Material Support																				
1.1) Other Material Support	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) Other Material Support</i>					0.000			-			-			-			-			-
2) Other Material Support- Launcher and Handling Equipment																				
† 2.1) Casting Powder Lot Buy	A		1,911.500	2	3.823	1,938.200	5	9.691	1,911.500	2	3.823	-	-	-	-	-	-	-	-	-
† 2.2) Gas Generator Production	A		-	-	-	305.714	21	6.420	309.400	15	4.641	309.500	8	2.476	-	-	-	309.500	8	2.476
† 2.3) Launch Tube Closures	A		-	-	-	530.260	19	10.075	-	-	-	530.000	18	9.540	-	-	-	530.000	18	9.540
2.4) Second Explosives Handling Wharf (EHW) Support Equipment	A		-	-	-	-	-	-	-	-	-	-	-	5.864	-	-	-	-	-	5.864
2.5) Second Explosives Handling Wharf (EHW) Outfitting	A		-	-	-	-	-	-	-	-	-	-	-	5.925	-	-	-	-	-	5.925
<i>Subtotal 2) Other Material Support- Launcher and Handling Equipment</i>					3.823			26.186			8.464			23.805			-			23.805
3) Other Material Support- Fire Control Equipment																				
3.1) Nirop Capital Maintenance	A		-	-	5.432	-	-	5.600	-	-	2.950	-	-	4.423	-	-	-	-	-	4.423
3.2) Fire Control Auxillary Support Equipment	A		-	-	-	-	-	7.479	-	-	0.931	-	-	0.530	-	-	-	-	-	0.530
<i>Subtotal 3) Other Material Support-Fire Control Equipment</i>					5.432			13.079			3.881			4.953			-			4.953
4) Other Material Support- Navigation Equipment																				
† 4.1) Stable Platform and Housing Material Kits	A		360.500	2	0.721	366.500	2	0.733	358.330	6	2.150	358.333	6	2.150	-	-	-	358.333	6	2.150
† 4.2) Shock Isolation System Kits	A		-	-	-	-	-	-	-	-	-	720.167	6	4.321	-	-	-	720.167	6	4.321
<i>Subtotal 4) Other Material Support- Navigation Equipment</i>					0.721			0.733			2.150			6.471			-			6.471

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment							P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip								Aggregated Item Name: Strategic Missile Systems 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)
5) Other Material Support-Instrumentation/Missile Checkout Equipment																				
† 5.1) Umbilical Sets/ Kits	A		1,948.000	1	1.948	1,948.000	1	1.948	1,948.000	1	1.948	1,948.000	1	1.948	-	-	-	1,948.000	1	1.948
† 5.2) Fire Suppression System	A		300.000	1	0.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) Electronic Documentation Refresh	A		-	-	-	-	-	1.852	-	-	-	-	-	-	-	-	-	-	-	-
5.4) Data System Integration	A		-	-	-	-	-	0.351	-	-	0.351	-	-	0.375	-	-	-	-	-	0.375
5.5) Flight Test Instrumentation (FTI) Refresh	A		-	-	-	-	-	-	-	-	8.492	-	-	12.899	-	-	-	-	-	12.899
Subtotal 5) Other Material Support- Instrumentation/ Missile Checkout Equipment					2.248			4.151			10.791			15.222			-			15.222
6) Other Material Support-Information Technology																				
6.1) Hardware/Software IT Procurement	A		-	-	2.535	-	-	2.685	-	-	2.477	-	-	2.383	-	-	-	-	-	2.383
Subtotal 6) Other Material Support- Information Technology					2.535			2.685			2.477			2.383			-			2.383
7) Alterations																				
7.1) Alterations	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) Alterations					0.000			-			-			-			-			-
8) Alterations-Launcher and Handling Equipment																				
8.1) SSI Increment #11 LIS Redesign	A		-	-	-	-	-	10.288	-	-	4.110	-	-	-	-	-	-	-	-	-
8.2) SSI Increment #11 LIS Support Equipment/ Fiberoptic Cables	A		-	-	-	-	-	-	-	-	3.496	-	-	-	-	-	-	-	-	-
8.3) SSI Increment #11 LIS Engineering and Test	A		-	-	-	-	-	-	-	-	7.140	-	-	7.223	-	-	-	-	-	7.223
† 8.4) LIS Firing Units (FUs)/Launch Safing Units (LSUs) (Shipset)	A		-	-	-	-	-	-	2,730.000	2	5.460	2,730.000	1	2.730	-	-	-	2,730.000	1	2.730
† 8.5) Detonator Power Assembly SPALT	A		-	-	-	2,810.000	1	2.810	2,810.000	1	2.810	-	-	-	-	-	-	-	-	-
† 8.6) Detonator Relay Box SPALT	A		-	-	-	1,902.000	1	1.902	1,902.000	1	1.902	-	-	-	-	-	-	-	-	-

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment						P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip										Aggregated Item Name: Strategic Missile Systems 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)
† 8.7) Hoist	A		-	-	-	1,556.500	2	3.113	1,556.500	2	3.113	1,556.500	2	3.113	-	-	-	1,556.500	2	3.113
<i>Subtotal 8) Alterations-Launcher and Handling Equipment</i>					-			18.113			28.031			13.066			-			13.066
9) Alterations-Fire Control																				
† 9.1) SSI Increment #1 Production (SHIPALT/ SPALT)	A		2,882.375	8	23.059	4,203.000	1	4.203	4,203.000	3	12.609	-	-	-	-	-	-	-	-	-
9.2) SSI Increment #2 Refresh/Redesign	A		-	-	8.215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 9.3) SSI Increment #2 Production	A		388.840	25	9.721	355.250	4	1.421	-	-	-	-	-	-	-	-	-	-	-	-
9.4) SSI Increment #4 Refresh/Redesign	A		-	-	7.922	-	-	6.909	-	-	7.369	-	-	5.867	-	-	-	-	-	5.867
† 9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production	A		-	-	-	2,835.500	6	17.013	2,835.000	10	28.350	2,835.000	4	11.340	-	-	-	2,835.000	4	11.340
9.6) SSI Increment #11 System Integration Testing	A		-	-	-	-	-	2.908	-	-	2.496	-	-	-	-	-	-	-	-	-
9.7) SSI Increment #13 Refresh/Redesign	A		-	-	-	-	-	-	-	-	-	-	-	21.691	-	-	-	-	-	21.691
<i>Subtotal 9) Alterations-Fire Control</i>					48.917			32.454			50.824			38.898			-			38.898
10) Alterations-Navigation Equipment																				
10.1) SSI Increment #4 Refresh/Redesign	A		-	-	31.427	-	-	20.566	-	-	5.657	-	-	3.110	-	-	-	-	-	3.110
10.2) SSI Increment #4 Engineering and Test	A		-	-	-	-	-	3.298	-	-	10.412	-	-	13.658	-	-	-	-	-	13.658
10.3) SSI Increment #4 On Board Repair Parts (OBRPs)	A		-	-	-	-	-	2.100	-	-	4.509	-	-	-	-	-	-	-	-	-
† 10.4) Pre-Production Units (PPUs) Navigation Electronics SPALT Kits	A		-	-	-	1,450.000	3	4.350	-	-	-	-	-	-	-	-	-	-	-	-
† 10.5) SSI Increment #4 Navigation Electronic SPALT Kits	A		-	-	-	-	-	-	1,000.000	11	11.000	1,000.000	10	10.000	-	-	-	1,000.000	10	10.000
† 10.6) SSI Increment #4 GPS Receiver Production	A		-	-	-	-	-	-	374.400	10	3.744	374.500	2	0.749	-	-	-	374.500	2	0.749
10.7) SSI Increment #8 Refresh/Redesign	A		-	-	24.736	-	-	43.930	-	-	27.392	-	-	23.744	-	-	-	-	-	23.744

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment								P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip							Aggregated Item Name: Strategic Missile Systems 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)
† 10.8) SSI Increment #8 EDM Inertial Navigation System (INS)	A		-	-	-	-	-	-	-	-	-	1,500.000	8	12.000	-	-	-	1,500.000	8	12.000
† 10.9) SSI Increment #8 EDM Gyroscope	A		-	-	-	-	-	-	-	-	-	400.000	30	12.000	-	-	-	400.000	30	12.000
10.10) Navigation Sonar System (NSS) Sensor Qualification	A		-	-	5.711	-	-	4.797	-	-	3.143	-	-	3.634	-	-	-	-	-	3.634
Subtotal 10) Alterations-Navigation Equipment					61.874			79.041			65.857			78.895			-			78.895
11) Alterations-Instrumentation/Missile Checkout Equipment																				
11.1) Forecast Instrumentation SPALTs	A		-	-	0.715	-	-	0.727	-	-	0.734	-	-	0.747	-	-	-	-	-	0.747
11.2) SSI Increment #13 Missile Test & Readiness Equipment (MTRE) Refresh	A		-	-	-	-	-	-	-	-	-	-	-	4.688	-	-	-	-	-	4.688
Subtotal 11) Alterations-Instrumentation/Missile Checkout Equipment					0.715			0.727			0.734			5.435			-			5.435
12) Training Support Equipment																				
12.1) Training Support Equipment	A		-	-	31.906	-	-	10.638	-	-	7.840	-	-	9.437	-	-	-	-	-	9.437
Subtotal 12) Training Support Equipment					31.906			10.638			7.840			9.437			-			9.437
13) New START																				
13.1) New START	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) Ballast Support Equipment	A		-	-	-	-	-	0.850	-	-	-	-	-	-	-	-	-	-	-	-
13.3) Ballast Production	A		-	-	-	-	-	-	-	-	-	-	-	4.025	-	-	-	-	-	4.025
13.4) Steel Closure Design, Procurement & Material	A		-	-	-	-	-	11.421	-	-	-	-	-	17.894	-	-	-	-	-	17.894
13.5) Material Support, Removed/Converted Hardware	A		-	-	-	-	-	-	-	-	-	-	-	4.000	-	-	-	-	-	4.000
Subtotal 13) New START					0.000			12.271			-			25.919			-			25.919
Total					158.171			200.078			181.049			224.484			-			224.484

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment				P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip					Aggregated Item Name: Strategic Missile Systems 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
2) Other Material Support-Launcher and Handling Equipment												
2.1) Casting Powder Lot Buy		2011	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Oct 2010	Oct 2013	2	1,911.500	N		
2.1) Casting Powder Lot Buy		2012	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Jan 2012	Oct 2014	5	1,938.200	N		
2.1) Casting Powder Lot Buy		2013	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Oct 2012	Oct 2015	2	1,911.500	N		
2.2) Gas Generator Production		2012	Alliant Tech Systems / Rocket Center, WV	C / CPFF	Washington Navy Yard, DC	Jan 2012	Oct 2013	21	305.714	N		
2.2) Gas Generator Production		2013	Alliant Tech Systems / Rocket Center, WV	C / CPFF	Washington Navy Yard, DC	Mar 2013	Mar 2015	15	309.400	N		
2.2) Gas Generator Production		2014	Alliant Tech Systems / Rocket Center, WV	C / FFP	Washington Navy Yard, DC	Oct 2013	Oct 2015	8	309.500	N		
†2.3) Launch Tube Closures		2012	NORTHROP GRUMMAN (Launch Tube Closures) / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Feb 2012	Oct 2013	19	530.260	N		
†2.3) Launch Tube Closures		2014	NORTHROP GRUMMAN (Launch Tube Closures) / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Oct 2013	Oct 2015	18	530.000	N		
4) Other Material Support-Navigation Equipment												
4.1) Stable Platform and Housing Material Kits		2011	Boeing / Anaheim, CA	C / CPFF	Washington Navy Yard, DC	Mar 2011	Oct 2012	2	360.500	N		
4.1) Stable Platform and Housing Material Kits		2012	Boeing / Anaheim, CA	C / CPFF	Washington Navy Yard, DC	Oct 2011	Oct 2013	2	366.500	N		
4.1) Stable Platform and Housing Material Kits		2013	Boeing / Anaheim, CA	C / CPFF	Washington Navy Yard, DC	Nov 2012	Nov 2014	6	358.330	N		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment				P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip					Aggregated Item Name: Strategic Missile Systems 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
4.1) Stable Platform and Housing Material Kits		2014	Boeing / Anaheim, CA	C / TBD	Washington Navy Yard, DC	Oct 2013	Oct 2015	6	358.333	N		
4.2) Shock Isolation System Kits		2014	Boeing / Anaheim, CA	C / TBD	Washington Navy Yard, DC	Oct 2013	Oct 2014	6	720.167	N		
5) Other Material Support-Instrumentation/Missile Checkout Equipment												
5.1) Umbilical Sets/Kits		2011	Lockheed Martin / Sunnyvale,CA	C / CPIF	Washington Navy Yard, DC	Aug 2011	Oct 2013	1	1,948.000	N		
5.1) Umbilical Sets/Kits		2012	Lockheed Martin / Sunnyvale,CA	C / CPIF	Washington Navy Yard, DC	Apr 2012	Oct 2014	1	1,948.000	N		
5.1) Umbilical Sets/Kits		2013	Lockheed Martin / Sunnyvale,CA	C / CPIF	Washington Navy Yard, DC	Dec 2012	Dec 2015	1	1,948.000	N		
5.1) Umbilical Sets/Kits		2014	Lockheed Martin / Sunnyvale,CA	C / TBD	Washington Navy Yard, DC	Oct 2013	Oct 2016	1	1,948.000	N		
5.2) Fire Suppression System		2011	Naval Ordnance Test Unit / Cape Canaveral, FL	C / TBD	Washington Navy Yard, DC	Oct 2010	Oct 2011	1	300.000	N		
8) Alterations-Launcher and Handling Equipment												
8.4) LIS Firing Units (FUs)/Launch Safing Units (LSUs) (Shipset)		2013	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Oct 2012	Oct 2014	2	2,730.000	N		
8.4) LIS Firing Units (FUs)/Launch Safing Units (LSUs) (Shipset)		2014	NORTHROP GRUMMAN / Sunnyvale, CA	C / TBD	Washington Navy Yard, DC	Oct 2013	Oct 2015	1	2,730.000	N		
8.5) Detonator Power Assembly SPALT		2012	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2011	Oct 2012	1	2,810.000	N		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment				P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip					Aggregated Item Name: Strategic Missile Systems 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
8.5) Detonator Power Assembly SPALT		2013	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2012	Oct 2013	1	2,810.000	N		
8.6) Detonator Relay Box SPALT		2012	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Dec 2011	Oct 2012	1	1,902.000	N		
8.6) Detonator Relay Box SPALT		2013	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPIF	Washington Navy Yard, DC	Oct 2012	Oct 2013	1	1,902.000	N		
8.7) Hoist		2012	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPFF	Washington Navy Yard, DCWashington Navy Yard, DC	Mar 2012	Jan 2014	2	1,556.500	N		
8.7) Hoist		2013	NORTHROP GRUMMAN / Sunnyvale, CA	C / CPFF	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2012	Jan 2015	2	1,556.500	N		
8.7) Hoist		2014	NORTHROP GRUMMAN / Sunnyvale, CA	C / TBD	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Jan 2016	2	1,556.500	N		
9) Alterations-Fire Control												
†9.1) SSI Increment #1 Production (SHIPALT/SPALT)		2011	General Dynamics(SSSI Increment #1 Production (SHIPALT/ SPALT)) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Jun 2011	Jun 2013	8	2,882.380	N		
†9.1) SSI Increment #1 Production (SHIPALT/SPALT)		2012	General Dynamics(SSSI Increment #1 Production (SHIPALT/ SPALT)) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2011	Jan 2015	1	4,203.000	N		
†9.1) SSI Increment #1 Production (SHIPALT/SPALT)		2013	General Dynamics(SSSI Increment #1 Production (SHIPALT/ SPALT)) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2012	Mar 2016	3	4,203.000	N		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment			P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip						Aggregated Item Name: Strategic Missile Systems 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
†9.3) SSI Increment #2 Production		2011	General Dynamics (SSI Increment #2 Production) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2010	Oct 2012	25	388.840	N		
†9.3) SSI Increment #2 Production		2012	General Dynamics (SSI Increment #2 Production) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2011	Oct 2013	4	355.250	N		
†9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production		2012	General Dynamics (SSI Increment #4 MOD 6 Refresh SPALT Kit Production) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2011	Oct 2014	6	2,835.500	N		
†9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production		2013	General Dynamics (SSI Increment #4 MOD 6 Refresh SPALT Kit Production) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Dec 2012	Dec 2015	10	2,835.000	N		
†9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production		2014	General Dynamics (SSI Increment #4 MOD 6 Refresh SPALT Kit Production) / Pittsfield, MA	C / TBD	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Oct 2016	4	2,835.000	N		
10) Alterations-Navigation Equipment												
10.4) Pre-Production Units (PPUs) Navigation Electronics SPALT Kits		2012	Lockheed Martin / Mitchfield, NY	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2011	Oct 2012	3	1,450.000	N		
†10.5) SSI Increment #4 Navigation Electronic SPALT Kits		2013	Lockheed Martin (SSI Increment #4 Navigation Electronic SPALT Kits) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Nov 2012	Sep 2015	11	1,000.000	N		
†10.5) SSI Increment #4 Navigation Electronic SPALT Kits		2014	Lockheed Martin (SSI Increment #4 Navigation Electronic SPALT Kits) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Jan 2015	10	1,000.000	N		

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment				P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip					Aggregated Item Name: Strategic Missile Systems 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
10.6) SSI Increment #4 GPS Receiver Production		2013	Lockheed Martin / Mitchfield, NY	C / CPIF	Washington Navy Yard, DCWashington Navy Yard, DC	Nov 2012	Nov 2013	10	374.400	N		
10.6) SSI Increment #4 GPS Receiver Production		2014	Lockheed Martin / Mitchfield, NY	C / TBD	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Oct 2014	2	374.500	N		
†10.8) SSI Increment #8 EDM Inertial Navigation System (INS)		2014	Lockheed Martin (SSI Increment #8 EDM Inertial Navigation System (INS)) / Mitchfield,NY	C / TBD	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Oct 2014	8	1,500.000	N		
†10.9) SSI Increment #8 EDM Gyroscope		2014	Lockheed Martin (SSI Increment #8 EDM Gyroscope) / Mitchfield, NY	C / TBD	Washington Navy Yard, DCWashington Navy Yard, DC	Oct 2013	Oct 2014	30	400.000	N		

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LI 5358 - Strategic Missile Systems Equip
Navy

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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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment										P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip													Aggregated Item Name: Strategic Missile Systems Equip															
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) Other Material Support- Launcher and Handling Equipment																																						
2.3) Launch Tube Closures																																						
	35	2012	NAVY	19	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	1		-							
	35	2014	NAVY	18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	18							
9) Alterations-Fire Control																																						
9.1) SSI Increment #1 Production (SHIPALT/SPALT)																																						
	36	2011	NAVY	8	-	8	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1									-							
	36	2012	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1							
	36	2013	NAVY	3	-	3	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3							
9.3) SSI Increment #2 Production																																						
	37	2011	NAVY	25	-	25	3	2	2	2	2	2	2	2	2	2	2														-							
	37	2012	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1									-							
9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production																																						
	38	2012	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6							
	38	2013	NAVY	10	-	10	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10							
	38	2014	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	4							
10) Alterations-Navigation Equipment																																						
10.5) SSI Increment #4 Navigation Electronic SPALT Kits																																						
	39	2013	NAVY	11	-	11	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11							
	40	2014	NAVY	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	10							
10.8) SSI Increment #8 EDM Inertial Navigation System (INS)																																						
	41	2014	NAVY	8	-	8	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	8							
10.9) SSI Increment #8 EDM Gyroscope																																						
	42	2014	NAVY	30	-	30	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	30							
							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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment										P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip													Aggregated Item Name: Strategic Missile Systems Equip												
Items (Units in Each)						Fiscal Year 2015													Fiscal Year 2016																
O C 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	B A L				
2) Other Material Support- Launcher and Handling Equipment																																			
2.3) Launch Tube Closures																																			
	35	2012	NAVY	19	19	-																								-					
	35	2014	NAVY	18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2		-					
9) Alterations-Fire Control																																			
9.1) SSI Increment #1 Production (SHIPALT/SPALT)																																			
	36	2011	NAVY	8	8	-																								-					
	36	2012	NAVY	1	-	1	-	-	-	-	1																			-					
	36	2013	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1			-					
9.3) SSI Increment #2 Production																																			
	37	2011	NAVY	25	25	-																								-					
	37	2012	NAVY	4	4	-																								-					
9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production																																			
	38	2012	NAVY	6	-	6	1	1	1	1	1	1																		-					
	38	2013	NAVY	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	-					
	38	2014	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4					
10) Alterations-Navigation Equipment																																			
10.5) SSI Increment #4 Navigation Electronic SPALT Kits																																			
	39	2013	NAVY	11	-	11	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	-					
	40	2014	NAVY	10	-	10	-	-	-	1	1	1	1	1	1	1	1	1												-					
10.8) SSI Increment #8 EDM Inertial Navigation System (INS)																																			
	41	2014	NAVY	8	-	8	1	1	1	1	1	1	1	1																-					
10.9) SSI Increment #8 EDM Gyroscope																																			
	42	2014	NAVY	30	-	30	3	3	3	3	3	3	3	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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment										P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip													Aggregated Item Name: Strategic Missile Systems Equip												
Items (Units in Each)							Fiscal Year 2017												Fiscal Year 2018																
O 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					
2) Other Material Support- Launcher and Handling Equipment																																			
2.3) Launch Tube Closures																																			
	35	2012	NAVY		19	19	-																							-					
	35	2014	NAVY		18	18	-																							-					
9) Alterations-Fire Control																																			
9.1) SSI Increment #1 Production (SHIPALT/SPALT)																																			
	36	2011	NAVY		8	8	-																							-					
	36	2012	NAVY		1	1	-																							-					
	36	2013	NAVY		3	3	-																							-					
9.3) SSI Increment #2 Production																																			
	37	2011	NAVY		25	25	-																							-					
	37	2012	NAVY		4	4	-																							-					
9.5) SSI Increment #4 MOD 6 Refresh SPALT Kit Production																																			
	38	2012	NAVY		6	6	-																							-					
	38	2013	NAVY		10	10	-																							-					
	38	2014	NAVY		4	-	4	1		1		1		1																-					
10) Alterations-Navigation Equipment																																			
10.5) SSI Increment #4 Navigation Electronic SPALT Kits																																			
	39	2013	NAVY		11	11	-																							-					
	40	2014	NAVY		10	10	-																							-					
10.8) SSI Increment #8 EDM Inertial Navigation System (INS)																																			
	41	2014	NAVY		8	8	-																							-					
10.9) SSI Increment #8 EDM Gyroscope																																			
	42	2014	NAVY		30	30	-	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 04: Ordnance Support Equipment / BSA 4: Fbm Support Equipment	P-1 Line Item Nomenclature: 5358 - Strategic Missile Systems Equip	Aggregated Item Name: Strategic Missile Systems Equip

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		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	NORTHROP GRUMMAN (Launch Tube Closures) - Sunnyvale, CA	17.00	17.00	19.00	-	2	24	26	-	2	24	26
2	General Dynamics (SSI Increment #1 Production (SHIPALT/SPALT)) - Pittsfield, MA	1.00	1.00	8.00	-	2	24	26	-	2	24	26
3	General Dynamics (SSI Increment #2 Production) - Pittsfield, MA	4.00	4.00	25.00	-	2	24	26	-	2	24	26
4	General Dynamics (SSI Increment #4 MOD 6 Refresh SPALT Kit Production) - Pittsfield, MA	4.00	4.00	10.00	-	2	24	26	-	2	24	26
5	Lockheed Martin (SSI Increment #4 Navigation Electronic SPALT Kits) - Mitchfield,NY	10.00	10.00	11.00	-	2	24	26	-	2	24	26
6	Lockheed Martin (SSI Increment #4 Navigation Electronic SPALT Kits) - Mitchfield,NY	10.00	10.00	11.00	-	2	24	26	-	2	15	17
7	Lockheed Martin (SSI Increment #8 EDM Inertial Navigation System (INS)) - Mitchfield,NY	8.00	8.00	8.00	-	-	12	12	-	-	12	12
8	Lockheed Martin (SSI Increment #8 EDM Gyroscope) - Mitchfield, NY	30.00	30.00	30.00	-	-	12	12	-	-	12	12

"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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment							P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604562N				
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>)	667.990	89.214	71.316	85.678	-	85.678	118.027	116.649	130.103	174.265	74.727	1,527.969
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	667.990	89.214	71.316	85.678	-	85.678	118.027	116.649	130.103	174.265	74.727	1,527.969
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	667.990	89.214	71.316	85.678	-	85.678	118.027	116.649	130.103	174.265	74.727	1,527.969
<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>)	-	4.003	2.297	3.925	-	3.925	3.228	4.429	2.923	1.706	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: VB011 - COMBAT SYSTEMS TECHNOLOGY REFRESH / LEGACY INTEGRATION Procures tactical control hardware upgrades to SSN688, SSN688I, SSN 21, and SSGN Class submarines for legacy combat control systems. These updates provide accelerated delivery of tactical capability to the fleet and bridge the gap between legacy combat control systems and AN/BYG-1. Procures Engineering Changes (EC) and Ordnance Alterations (ORDALT) to correct fleet reported problems with legacy Combat Control System software and hardware. Procures Weapons Launch System, Multi-tube Weapon System (MTWS) and provides support for fleet introduction of the Common Weapon Launcher (CWL) transition and integration into the TI/APB process. Provides system engineering in support of Tactical Local Area Network (TacLAN); Information Assurance (IA); Onboard Team Trainer (OBTT); and Command, Control, Computer and Intelligence Maintenance Tool (C3IMT). VB034 - SUBMARINE COMBAT CONTROL SYSTEM MODERNIZATION PROGRAM This cost code procures hardware and software upgrades for the AN/BYG-1 system for installation on all submarine platforms. The AN/BYG-1 is the combat control system common across all submarine platforms (except SSBN 726 Class) which incorporates tactical control, weapon control and Tactical Local Area Network (TacLAN) functions into a single procurement program. AN/BYG-1 allows the submarine Navy to rapidly update the ship safety tactical picture, integrates the common tactical picture into the battlegroup, improves torpedo interfaces and provides tactical TOMAHAWK capability. AN/BYG-1 systems will be continuously updated with hardware enhancements to address COTS obsolescence and capability improvements as defined by the Advanced Processor Build (APB) process. These updates are referred to as Tech Insertion (TI) kits and are differentiated by year of development (i.e. TI00, TI04, etc). The TI upgrades provide the baseline for all future AN/BYG-1 procurements. In addition, this budget also provides tech insertion "kits" to update existing AN/BYG-1 platforms. The AN/BYG-1 nomenclature was adopted in FY05 and out to incorporate the addition of Virginia Class Combat Control System to a common acquisition and development strategy. This allows for AN/BYG-1 to be the common combat control system nomenclature across all submarine platforms (except SSBN 726 Class). SSBN 726 Class submarines were modernized with CCS MK2 Block 1C systems which were removed from SSN 688 Class submarines prior to installation of AN/BYG-1. The AN/BYG-1 nomenclature, with biennial technology insertion designation (i.e. BYG-1 (TI04)), replaces the CCS Mk2 Block 1C ECP4 nomenclature. VB500 - PRODUCTION / ENGINEERING SUPPORT This cost code procures production support and logistics 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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment							P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604562N			

MDAP/MAIS Code(s):

VB900 - CONSULTING SERVICES

This cost code provides assistance for asset management, cost analyses, preparation of contract specifications, monitoring of contract deliverables, prime contractor cost, schedule and performance monitoring, ILS planning and GFI coordination.

VB995 - INITIAL TRAINING

This provides initial training curriculum development, training management materials, exercise control group development, pilot services to the Fleet.

VB5NS - EQUIPMENT INSTALLATION

Funds are for the installation of Combat Control System equipments included in the Fleet Modernization Program.

VB6NS - NON-FMP INSTALLATION

Funds are for pre/post-installation checkout and verification following installation of FMP items.

VB997 - SSGN SUSTAINING SUPPORT

The SSP funding provides for the procurement, installation and sustainment of equipment required for the life-cycle operational support of SSGN Attack Weapons Systems (AWS) for the four OHIO-class SSGNs. OPN sustaining support funding provides for SSGN AWS logistics acquisition support and for Attack Weapon Control System (AWCS) alterations that provide technical refresh updates to the AWCS and to two shore-based trainers located at Kings Bay, GA and Bangor, WA. The AWCS alterations will provide technical refresh upgrades to include the Tactical TOMAHAWK Weapon Control Systems (TTWCS) 5.4.1 and TOMAHAWK Command and Control System (TC2S) software necessary to ensure the long-term safety, reliability and maintainability of the Attack Weapons Control System. TTWCS 5.4.1 and TC2S software are required for the SSGN Strike Operations to continue the fleet's mission.

OTHER INFORMATION

Developmental efforts are funded by Program Element 0604562N within the SSN Combat Control System Improvement Program F0236.

VBG86 - NAVAL INTELLIGENCE FUSION TOOL (NIFT)

This account funds projects that are part of Other Contingency Operations (OCO). The Naval Intelligence Fusion Tool (NIFT) provides an all-source fusion capability to fuse national, tactical and organic Intelligence, Surveillance and Reconnaissance (ISR) information providing a comprehensive picture in support of Irregular Warfare (IW) missions.

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 Combat Control Systems	P40A				165.370			19.153			18.461			35.582			-			35.582
1 - VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS	P3A				286.159			12.422			6.668			-			-			-

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604562N								
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)
2 - VB034 CCS MK2 BLOCK 1C SSBN CLASS	P3A				26.387			-			-			-			-			-
3 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS	P3A				93.494			4.742			-			-			-			-
4 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS	P3A				32.385			9.644			14.741			10.013			-			10.013
5 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS	P3A				16.492			5.561			-			5.813			-			5.813
6 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS	P3A				1.685			7.771			3.794			-			-			-
7 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	P3A				46.018			22.421			27.652			34.270			-			34.270
8 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	P3A				0.000			-			-			-			-			-
9 - VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT	P3A				0.000			7.500			-			-			-			-
Total Gross/Weapon System Cost					667.990			89.214			71.316			85.678			-			85.678
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)
SSN Combat Control Systems	P40A				-			-			-			-			-			-
1 - VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS	P3A				-			-			-			-			-			305.249
2 - VB034 CCS MK2 BLOCK 1C SSBN CLASS	P3A				-			-			-			-			-			26.387
3 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS	P3A				-			-			-			-			-			98.236
4 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS	P3A				8.490			1.734			-			-			-			77.007

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0604562N									

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)
5 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS	P3A				11.884			6.035			-			6.243			19.095			71.123
6 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS	P3A				-			6.048			8.987			2.995			-			31.280
7 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	P3A				40.140			26.471			32.547			39.978			51.973			321.470
8 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	P3A				13.573			24.196			33.429			21.508			3.659			96.365
9 - VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT	P3A				-			-			-			-			-			7.500
Total Gross/Weapon System Cost					118.027			116.649			130.103			174.265			74.727			1,527.969

*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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment									P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems							Aggregated Item Name: SSN Combat Control 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) VB011 COMBAT SYSTEM TECH REFRESH/ LEGACY INTEGRATION																					
1.1) ECP/AUXILIARY EQUIPMENT / LEGACY INTEGRATION	A		-	-	0.287	-	-	-	-	-	-	-	-	2.147	-	-	-	-	-	2.147	
1.2) RAPID TACTICAL INSERTION (RTI)	A		-	-	0.331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.3) SABT	A		-	-	10.785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) WEAPON LAUNCH SYSTEMS TECH INSERTION	A		-	-	1.700	-	-	-	-	-	-	-	-	5.285	-	-	-	-	-	5.285	
1.5) MANNING REDUCTION	A		-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.6) SCJC2	A		-	-	1.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.7) TACLAN/IA/SWS NRE	A		-	-	72.029	-	-	5.443	-	-	4.527	-	-	10.604	-	-	-	-	-	10.604	
Subtotal 1) VB011 COMBAT SYSTEM TECH REFRESH/ LEGACY INTEGRATION					87.432			5.443			4.527			18.036			-			18.036	
2) VB500 PRODUCTION ENGINEERING SUPPORT																					
2.1) PRODUCTION ENGINEERING SUPPORT	A		-	-	19.433	-	-	3.202	-	-	3.268	-	-	3.327	-	-	-	-	-	3.327	
Subtotal 2) VB500 PRODUCTION ENGINEERING SUPPORT					19.433			3.202			3.268			3.327			-			3.327	
3) VB900 CONSULTING SERVICES																					
3.1) CONSULTING SERVICES	A		-	-	9.079	-	-	1.585	-	-	1.618	-	-	1.646	-	-	-	-	-	1.646	
Subtotal 3) VB900 CONSULTING SERVICES					9.079			1.585			1.618			1.646			-			1.646	
4) VB995 INITIAL TRAINING																					
4.1) INITIAL TRAINING	A		-	-	9.058	-	-	1.553	-	-	1.586	-	-	1.615	-	-	-	-	-	1.615	
Subtotal 4) VB995 INITIAL TRAINING					9.058			1.553			1.586			1.615			-			1.615	
5) VB997 SSGN SUSTAINING SUPPORT																					
5.1) SSGN SUSTAINING SUPPORT	A		-	-	40.368	-	-	7.370	-	-	7.462	-	-	10.958	-	-	-	-	-	10.958	

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems							Aggregated Item Name: SSN Combat Control 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)
Subtotal 5) VB997 SSGN SUSTAINING SUPPORT					40.368			7.370			7.462			10.958			-			10.958
Total					165.370			19.153			18.461			35.582			-			35.582

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems								Aggregated Item Name: SSN Combat Control 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) VB011 COMBAT SYSTEM TECH REFRESH/ LEGACY INTEGRATION																				
1.1) ECP/AUXILIARY EQUIPMENT / LEGACY INTEGRATION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) RAPID TACTICAL INSERTION (RTI)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) SABT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) WEAPON LAUNCH SYSTEMS TECH INSERTION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) MANNING REDUCTION	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) SCJC2	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) TACLAN/IA/SWS NRE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) VB011 COMBAT SYSTEM TECH REFRESH/ LEGACY INTEGRATION</i>					-			-			-			-			-			-
2) VB500 PRODUCTION ENGINEERING SUPPORT																				
2.1) PRODUCTION ENGINEERING SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) VB500 PRODUCTION ENGINEERING SUPPORT</i>					-			-			-			-			-			-
3) VB900 CONSULTING SERVICES																				
3.1) CONSULTING SERVICES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) VB900 CONSULTING SERVICES</i>					-			-			-			-			-			-
4) VB995 INITIAL TRAINING																				
4.1) INITIAL TRAINING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) VB995 INITIAL TRAINING</i>					-			-			-			-			-			-
5) VB997 SSGN SUSTAINING SUPPORT																				
5.1) SSGN SUSTAINING SUPPORT	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment					P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Aggregated Item Name: SSN Combat Control 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)
Subtotal 5) VB997 SSGN SUSTAINING SUPPORT					-			-			-			-			-			-
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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS				
Models of Systems Affected: VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N				
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>)	286.159	12.422	6.668	-	-	-	-	-	-	-	-	305.249
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	286.159	12.422	6.668	-	-	-	-	-	-	-	-	305.249
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	286.159	12.422	6.668	-	-	-	-	-	-	-	-	305.249
<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: This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS					

Models of Systems Affected: VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N					

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												
VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	26 / 129.959	1 / 5.866	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 135.825
1.1.2) NON-FMP EQUIPMENT INSTALLATION - NonOrganic	- / 18.000	- / 0.495	- / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.998
<i>Subtotal Recurring</i>	26 / 147.959	1 / 6.361	- / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 154.823
<i>Total, VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS</i>	26 / 147.959	1 / 6.361	- / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 154.823
<i>Total Procurement, All Modifications</i>	26 / 147.959	1 / 6.361	- / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 154.823
<i>Total Procurement and Support</i>	147.959	6.361	0.503	-	-	-	-	-	-	-	-	154.823
VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS Installation Cost	- / 138.200	- / 6.061	- / 6.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 150.426
<i>Total Installation Cost</i>	- / 138.200	- / 6.061	- / 6.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 150.426
Total Cost (Procurement + Support + Installation)	286.159	12.422	6.668	-	-	-	-	-	-	-	-	305.249

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS											
Models of Systems Affected: VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Dec 2011																													
Delivery Dates		Dec 2012																													
Installation: VB034 AN/BYG-1 TI-04 AND LATER SYSTEMS SSN 688 CLASS										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		25 / 138.200	1 / 6.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 144.261																		
FY 2012		- / -	- / -	1 / 6.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.165																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		25 / 138.200	1 / 6.061	1 / 6.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 150.426																		
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	25	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27				
Out	25	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VB034 CCS MK2 BLOCK 1C SSBN CLASS				
Models of Systems Affected: CCS MK2 BLOCK 1C SSBN CLASS			Type Modification: UPGRADE					Related RDT&E PEs: 0604562N				
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>)	26.387	-	-	-	-	-	-	-	-	-	-	26.387
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	26.387	-	-	-	-	-	-	-	-	-	-	26.387
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	26.387	-	-	-	-	-	-	-	-	-	-	26.387
<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: SSBN 726 Class Submarines will be modernized with CCS MK2 BLOCK 1C. Unit costs on FY2006 and beyond represent refurbishment of CCS MK2 BLOCK 1C Systems removed from SSN 688 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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment	P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - VB034 CCS MK2 BLOCK 1C SSBN CLASS

Models of Systems Affected: CCS MK2 BLOCK 1C SSBN CLASS			Type Modification: UPGRADE				Related RDT&E PEs: 0604562N					

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												
VB034 CCS MK2 BLOCK 1C SSBN CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	11 / 6.405	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 6.405
1.1.2) NON-FMP EQUIPMENT INSTALLATION - NonOrganic	- / 2.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.952
<i>Subtotal Recurring</i>	11 / 9.357	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 9.357
<i>Total, VB034 CCS MK2 BLOCK 1C SSBN CLASS</i>	11 / 9.357	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 9.357
<i>Total Procurement, All Modifications</i>	11 / 9.357	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 9.357
<i>Total Procurement and Support</i>	9.357	-	-	-	-	-	-	-	-	-	-	9.357
VB034 CCS MK2 BLOCK 1C SSBN CLASS Installation Cost	- / 17.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.030
<i>Total Installation Cost</i>	- / 17.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.030
Total Cost (Procurement + Support + Installation)	26.387	-	-	-	-	-	-	-	-	-	-	26.387

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VB034 CCS MK2 BLOCK 1C SSBN CLASS											
Models of Systems Affected: CCS MK2 BLOCK 1C SSBN CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 CCS MK2 BLOCK 1C SSBN CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: VB034 CCS MK2 BLOCK 1C SSBN CLASS										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		11 / 17.030		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		11 / 17.030					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		11 / 17.030		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		11 / 17.030					
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	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Out	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS				
Models of Systems Affected: TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS			Type Modification: UPGRADE					Related RDT&E PEs: 0604562N				
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>)	93.494	4.742	-	-	-	-	-	-	-	-	-	98.236
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	93.494	4.742	-	-	-	-	-	-	-	-	-	98.236
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	93.494	4.742	-	-	-	-	-	-	-	-	-	98.236
<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: This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis.												

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LI 5420 - SSN Combat Control Systems
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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS															
Models of Systems Affected: TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS								Type Modification: UPGRADE								Related RDT&E PEs: 0604562N															
Manufacturer Information: VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS																															
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																															
Delivery Dates																															
Installation: VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN688 CLASS														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)										
All Prior Years		13 / 50.600	1 / 4.175		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 54.775								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		13 / 50.600	1 / 4.175		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 54.775								
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14				
Out	13	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment			P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems					Modification Nomenclature (Modification Number - Modification Title): 4 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS				
Models of Systems Affected: TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS			Type Modification: UPGRADE					Related RDT&E PEs: 0604562N				
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)	32.385	9.644	14.741	10.013	-	10.013	8.490	1.734	-	-	-	77.007
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	32.385	9.644	14.741	10.013	-	10.013	8.490	1.734	-	-	-	77.007
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	32.385	9.644	14.741	10.013	-	10.013	8.490	1.734	-	-	-	77.007
(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: This program will provide upgrades for submarine combat systems with upgraded combat control and tactical control hardware and software. This program funds the procurement and installation of the first Virginia Class upgrade and, beginning in FY10, installation of the second and third upgrade kits as well as procurement and installation of all subsequent Virginia Class AN/BYG-1 upgrade kits. Milestone Decision Authority (MDA) Production Reviews are being held on an annual basis.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems						Modification Nomenclature (Modification Number - Modification Title): 4 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS			
Models of Systems Affected: TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N					
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													
VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS													
B Kits													
Recurring													
1.1.1) EQUIPMENT - NonOrganic ⁽¹⁾	6 / 21.759	1 / 6.420	2 / 13.097	1 / 6.667	- / -	1 / 6.667	1 / 6.787	- / -	- / -	- / -	- / -	11 / 54.730	
1.1.2) NON-FMP EQUIPMENT INSTALLATION - NonOrganic	- / 1.695	- / 0.612	- / 0.312	- / 0.635	- / -	- / 0.635	- / 0.323	- / 0.329	- / -	- / -	- / -	- / 3.906	
Subtotal Recurring	6 / 23.454	1 / 7.032	2 / 13.409	1 / 7.302	- / -	1 / 7.302	1 / 7.110	- / 0.329	- / -	- / -	- / -	11 / 58.636	
Total, VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS	6 / 23.454	1 / 7.032	2 / 13.409	1 / 7.302	- / -	1 / 7.302	1 / 7.110	- / 0.329	- / -	- / -	- / -	11 / 58.636	
Total Procurement, All Modifications	6 / 23.454	1 / 7.032	2 / 13.409	1 / 7.302	- / -	1 / 7.302	1 / 7.110	- / 0.329	- / -	- / -	- / -	11 / 58.636	
Total Procurement and Support	23.454	7.032	13.409	7.302	-	7.302	7.110	0.329	-	-	-	58.636	
VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS Installation Cost	- / 8.931	- / 2.612	- / 1.332	- / 2.711	- / -	- / 2.711	- / 1.380	- / 1.405	- / -	- / -	- / -	- / 18.371	
Total Installation Cost	- / 8.931	- / 2.612	- / 1.332	- / 2.711	- / -	- / 2.711	- / 1.380	- / 1.405	- / -	- / -	- / -	- / 18.371	
Total Cost (Procurement + Support + Installation)	32.385	9.644	14.741	10.013	-	10.013	8.490	1.734	-	-	-	77.007	

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS											
Models of Systems Affected: TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
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														
Delivery Dates		Dec 2012			Dec 2013			Dec 2014			Dec 2015			Dec 2016																	
Installation: VB034 TECHNOLOGY INSERTION (TI00/TI02 BASELINE) SSN774 CLASS													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		4 / 8.931	2 / 2.612	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 11.543																		
FY 2012		- / -	- / -	1 / 1.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.332																		
FY 2013		- / -	- / -	- / -	2 / 2.711	- / -	2 / 2.711	- / -	- / -	- / -	- / -	- / -	2 / 2.711																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.380	- / -	- / -	- / -	- / -	1 / 1.380																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.405	- / -	- / -	- / -	1 / 1.405																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		4 / 8.931	2 / 2.612	1 / 1.332	2 / 2.711	- / -	2 / 2.711	1 / 1.380	1 / 1.405	- / -	- / -	- / -	11 / 18.371																		
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	1	1	-	-	-	1	-	-	-	1	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-				
Out	3	1	1	1	-	-	-	1	-	-	-	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-				
Footnotes: (1) Procurement of the second and third upgrade kits in FY09 were funded from BLI 0942.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS				
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS			Type Modification: UPGRADE					Related RDT&E PEs: 0604562N				
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>)	16.492	5.561	-	5.813	-	5.813	11.884	6.035	-	6.243	19.095	71.123
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	16.492	5.561	-	5.813	-	5.813	11.884	6.035	-	6.243	19.095	71.123
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	16.492	5.561	-	5.813	-	5.813	11.884	6.035	-	6.243	19.095	71.123
<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: This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis.												

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LI 5420 - SSN Combat Control Systems
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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS											
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2013				Dec 2014												Dec 2017					
Delivery Dates										Dec 2014				Dec 2015												Dec 2018					
Installation: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSGN CLASS										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		2 / 4.452	2 / 4.424		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 8.876								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		2 / 4.746		- / -		- / -		- / -		- / -		2 / 4.746								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		2 / 4.801		- / -		- / -		- / -		2 / 4.801								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 5.023		2 / 5.023								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 5.113		2 / 5.113								
Total		2 / 4.452	2 / 4.424		- / -		- / -		- / -		- / -		2 / 4.746		2 / 4.801		- / -		- / -		4 / 10.136		12 / 28.559								
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	-	-	-	-	-	-	-	-	-	-	4	12
Out	2	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	4	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS			

Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N			

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>)	1.685	7.771	3.794	-	-	-	-	6.048	8.987	2.995	-	31.280
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	1.685	7.771	3.794	-	-	-	-	6.048	8.987	2.995	-	31.280
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	1.685	7.771	3.794	-	-	-	-	6.048	8.987	2.995	-	31.280

(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:

This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis.

NOTE: FY09 kit has been utilized to provide spare parts.

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LI 5420 - SSN Combat Control 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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS																					
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS								Type Modification: UPGRADE								Related RDT&E PEs: 0604562N																					
Manufacturer Information: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS																																					
Manufacturer Name: Various														Manufacturer Location: Various																							
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 11																							
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018											
Contract Dates		Dec 2011																Dec 2015				Dec 2016															
Delivery Dates		Dec 2012																Dec 2016				Dec 2017															
Installation: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS														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		- / -		- / 1.576		2 / 3.217		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 4.793											
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -											
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -											
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -											
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 4.652		- / -		- / -		- / -		2 / 4.652											
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 2.358		- / -		- / -		1 / 2.358											
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -											
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -											
Total		- / -		- / 1.576		2 / 3.217		- / -		- / -		- / -		- / -		- / -		2 / 4.652		1 / 2.358		- / -		- / -		5 / 11.803											
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												
In	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	5									
Out	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	5									
Footnotes: (2) FY09 kit has been utilized to provide spare parts.																																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (Modification Number - Modification Title): 7 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS				
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N				
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)	46.018	22.421	27.652	34.270	-	34.270	40.140	26.471	32.547	39.978	51.973	321.470
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	46.018	22.421	27.652	34.270	-	34.270	40.140	26.471	32.547	39.978	51.973	321.470
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	46.018	22.421	27.652	34.270	-	34.270	40.140	26.471	32.547	39.978	51.973	321.470
(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 program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis. NOTE: Two SSN688 Class Non-VLS Platforms will be modernized in FY17 with TI-14 Tech Insert Kits procured in FY15. Non-VLS Platforms are not being upgraded with configurations higher than TI-14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems					Modification Nomenclature (Modification Number - Modification Title): 7 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS			
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N				
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												
VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS												
B Kits												
Recurring												
2.1.1) EQUIPMENT - NonOrganic	10 / 23.971	6 / 16.860	4 / 11.464	8 / 23.344	- / -	8 / 23.344	6 / 17.826	5 / 15.122	4 / 12.316	9 / 28.209	4 / 12.766	56 / 161.878
2.1.2) NON-FMP EQUIPMENT INSTALLATION - NonOrganic	- / 4.337	- / 1.137	- / 3.442	- / 2.325	- / -	- / 2.325	- / 4.748	- / 2.412	- / 4.304	- / 2.503	- / 8.305	- / 33.513
Subtotal Recurring	10 / 28.308	6 / 17.997	4 / 14.906	8 / 25.669	- / -	8 / 25.669	6 / 22.574	5 / 17.534	4 / 16.620	9 / 30.712	4 / 21.071	56 / 195.391
Total, VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	10 / 28.308	6 / 17.997	4 / 14.906	8 / 25.669	- / -	8 / 25.669	6 / 22.574	5 / 17.534	4 / 16.620	9 / 30.712	4 / 21.071	56 / 195.391
Total Procurement, All Modifications	10 / 28.308	6 / 17.997	4 / 14.906	8 / 25.669	- / -	8 / 25.669	6 / 22.574	5 / 17.534	4 / 16.620	9 / 30.712	4 / 21.071	56 / 195.391
Total Procurement and Support	28.308	17.997	14.906	25.669	-	25.669	22.574	17.534	16.620	30.712	21.071	195.391
VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS Installation Cost	- / 17.710	- / 4.424	- / 12.746	- / 8.601	- / -	- / 8.601	- / 17.566	- / 8.937	- / 15.927	- / 9.266	- / 30.902	- / 126.079
Total Installation Cost	- / 17.710	- / 4.424	- / 12.746	- / 8.601	- / -	- / 8.601	- / 17.566	- / 8.937	- / 15.927	- / 9.266	- / 30.902	- / 126.079
Total Cost (Procurement + Support + Installation)	46.018	22.421	27.652	34.270	-	34.270	40.140	26.471	32.547	39.978	51.973	321.470

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS											
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
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			Dec 2018								
Delivery Dates		Dec 2012			Dec 2013			Dec 2014			Dec 2015			Dec 2016			Dec 2017			Dec 2018											
Installation: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS										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		8 / 17.710	2 / 4.424		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 22.134								
FY 2012		- / -	- / -		6 / 12.746		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 12.746								
FY 2013		- / -	- / -		- / -		4 / 8.601		- / -		4 / 8.601		- / -		- / -		- / -		- / -		- / -		4 / 8.601								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		8 / 17.566		- / -		- / -		- / -		- / -		8 / 17.566								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		4 / 8.937		- / -		- / -		- / -		4 / 8.937								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 15.927		- / -		- / -		7 / 15.927								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 9.266		- / -		4 / 9.266								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 21.276		9 / 21.276								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 9.626		4 / 9.626								
Total		8 / 17.710	2 / 4.424		6 / 12.746		4 / 8.601		- / -		4 / 8.601		8 / 17.566		4 / 8.937		7 / 15.927		4 / 9.266		13 / 30.902		56 / 126.079								
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	8	1	-	1	-	2	2	1	1	-	2	2	-	-	3	3	2	-	2	2	-	-	2	2	3	-	2	-	2	13	56
Out	8	-	1	-	1	-	2	2	1	1	-	2	2	-	-	3	3	2	-	2	2	-	-	2	2	3	-	2	-	15	56

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS			

Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N			

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	-	-	-	-	-	13.573	24.196	33.429	21.508	3.659	96.365
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	13.573	24.196	33.429	21.508	3.659	96.365
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	13.573	24.196	33.429	21.508	3.659	96.365

(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 program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software. Milestone Decision Authority (MDA) Production Reviews are held on an annual basis.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems					Modification Nomenclature (Modification Number - Modification Title): 8 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS			
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS				Type Modification: UPGRADE				Related RDT&E PEs: 0604562N				
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												
VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.573	3 / 20.727	4 / 28.132	2 / 14.319	- / -	11 / 76.751
1.1.2) NON-FMP EQUIPMENT INSTALLATION - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.659	- / 1.006	- / 1.365	- / 0.695	- / 3.725
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.573	3 / 21.386	4 / 29.138	2 / 15.684	- / 0.695	11 / 80.476
Total, VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.573	3 / 21.386	4 / 29.138	2 / 15.684	- / 0.695	11 / 80.476
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.573	3 / 21.386	4 / 29.138	2 / 15.684	- / 0.695	11 / 80.476
Total Procurement and Support	-	-	-	-	-	-	13.573	21.386	29.138	15.684	0.695	80.476
VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.810	- / 4.291	- / 5.824	- / 2.964	- / 15.889
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.810	- / 4.291	- / 5.824	- / 2.964	- / 15.889
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	13.573	24.196	33.429	21.508	3.659	96.365

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS											
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS										Type Modification: UPGRADE										Related RDT&E PEs: 0604562N											
Manufacturer Information: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 1													Production Leadtime (<i>in Months</i>): 11																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Dec 2014				Dec 2015				Dec 2016				Dec 2017					
Delivery Dates														Dec 2015				Dec 2016				Dec 2017				Dec 2018					
Installation: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS													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		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.810		- / -		- / -		- / -		2 / 2.810								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 4.291		- / -		- / -		3 / 4.291								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 5.824		- / -		4 / 5.824								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.964		2 / 2.964								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.810		3 / 4.291		4 / 5.824		2 / 2.964		11 / 15.889								
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	1	-	2	2	-	2	11	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	1	-	2	2	2	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT			

Models of Systems Affected: NAVAL INTELLIGENCE FUSION TOOL (NIFT)				Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0604562N			

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	7.500	-	-	-	-	-	-	-	-	-	7.500
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	7.500	-	-	-	-	-	-	-	-	-	7.500
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	7.500	-	-	-	-	-	-	-	-	-	7.500

(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 Naval Intelligence Fusion Tool (NIFT) provides an all-source intelligence fusion capability to fuse national, tactical and organic intelligence, Surveillance and Reconnaissance (ISR) information providing a comprehensive picture in support of Irregular Warfare (IW) missions.

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LI 5420 - SSN Combat Control Systems
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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment			P-1 Line Item Nomenclature: 5420 - SSN Combat Control Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT	
Models of Systems Affected: NAVAL INTELLIGENCE FUSION TOOL (NIFT)			Type Modification: [No Modification Type Specified]			Related RDT&E PEs: 0604562N	
Manufacturer Information: VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT							
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: VBG86 NAVAL INTELLIGENCE FUSION TOOL (NIFT) NIFT PROCUREMENT							
			Method of Implementation: Organic - EQUIPMENT			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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment							P-1 Line Item Nomenclature: 5431 - Submarine ASW Support 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>)	50.463	5.228	4.018	3.913	-	3.913	4.770	4.469	5.109	5.180	1.530	84.680
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	50.463	5.228	4.018	3.913	-	3.913	4.770	4.469	5.109	5.180	1.530	84.680
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	50.463	5.228	4.018	3.913	-	3.913	4.770	4.469	5.109	5.180	1.530	84.680
<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 line item procures modifications and improvements to Attack and Ballistic Missile Submarine fire control interface systems, torpedo tube system components and torpedo tube test equipment. These requirements arise as a result of the introduction of new or modified weapons and sensors and their subsequent evaluation test and operational use. Also procured are reliability, maintainability, functional and safety modifications and tactical improvements resulting from operational use experience. [P40A / 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT]: 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT This line funds modifications and improvements in the following categories: The Submarine Torpedo Tube Support category funds in-service support and alteration procurements for all submarine torpedo tubes (TT), torpedo ejection pumps (TEP), internal countermeasure launchers (ICL), and weapons stowage and handling systems (WSHS). Recurring efforts are casualty report (CASREP) support to the fleet units, emergency ordnance alteration (ORDALTs), Bore Gage/Test Equipment Procurement, Engineering Change Proposal support, prototype ORDALTs, and Type Zero (TZ) developments. ORDALTs and TZ kits are procured to correct significant deficiencies in equipment affecting personnel safety, ship safety and system performance. [P40A / 6A830 - PRODUCTION ENGINEERING]: 6A830 - PRODUCTION ENGINEERING Production engineering support includes resolving Liaison Action Requests (LARs) and configure/test assembly prior to ship installation. [P3A / 6A5IN - O/A MATERIAL 18000 INSTALL]: 6A5IN - O/A MATERIAL 18000 INSTALL Installing agents will be various Naval Shipyards and contractors. All installations will be on SSBN and SSN 688/21 Class Submarines.												

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment												P-1 Line Item Nomenclature: 5431 - Submarine ASW Support 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)
SUB WEAPONS LAUNCHING/HANDLING SUPPORT EQUIPMENT	P40A, P5A				22.754			2.284			2.530			2.683			-			2.683
1 - 6A51N - O/A MATERIAL 18000 INSTALL	P3A				27.709			2.944			1.488			1.230			-			1.230
Total Gross/Weapon System Cost					50.463			5.228			4.018			3.913			-			3.913

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)
SUB WEAPONS LAUNCHING/HANDLING SUPPORT EQUIPMENT	P40A, P5A				-			-			-			-			-			-
1 - 6A51N - O/A MATERIAL 18000 INSTALL	P3A				1.908			2.005			2.307			2.698			1.530			43.819
Total Gross/Weapon System Cost					4.770			4.469			5.109			5.180			1.530			84.680

*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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment							Aggregated Item Name: SUB WEAPONS LAUNCHING/ HANDLING 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) 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT																				
1.1) 2J COG MATERIAL	A		-	-	2.331	-	-	0.119	-	-	0.163	-	-	0.193	-	-	-	-	-	0.193
1.2) TT/TEP/ICL/WSHS	A		-	-	8.752	-	-	1.411	-	-	1.497	-	-	1.684	-	-	-	-	-	1.684
Subtotal 1) 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT					11.083			1.530			1.660			1.877			-			1.877
2) 6A002 - TEP ORDALTS/TRIDS																				
2.1) O/A MATERIAL 18009	A		-	-	0.060	-	-	0.070	-	-	0.040	-	-	0.040	-	-	-	-	-	0.040
† 2.2) TPES/ATP DYNAMIC SEAL UNITS	A		75,000.00	4	0.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) 6A002 - TEP ORDALTS/TRIDS					0.360			0.070			0.040			0.040			-			0.040
3) 6A002 - TEST EQUIPMENT																				
3.1) BORE GAGE	A		-	-	1.759	-	-	0.149	-	-	0.183	-	-	0.105	-	-	-	-	-	0.105
3.2) MISC. TEST EQUIPMENT	A		-	-	2.588	-	-	0.146	-	-	0.148	-	-	0.138	-	-	-	-	-	0.138
3.3) TEST FACILITY EQUIPMENT	A		-	-	6.201	-	-	0.139	-	-	0.249	-	-	0.203	-	-	-	-	-	0.203
Subtotal 3) 6A002 - TEST EQUIPMENT					10.548			0.434			0.580			0.446			-			0.446
4) 6A830 - PRODUCTION ENGINEERING																				
4.1) PRODUCTION ENGINEERING	A		-	-	0.763	-	-	0.250	-	-	0.250	-	-	0.320	-	-	-	-	-	0.320
Subtotal 4) 6A830 - PRODUCTION ENGINEERING					0.763			0.250			0.250			0.320			-			0.320
Total					22.754			2.284			2.530			2.683			-			2.683

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment								P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment								Aggregated Item Name: SUB WEAPONS LAUNCHING/ HANDLING 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) 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT																				
1.1) 2J COG MATERIAL	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) TT/TEP/ICL/WSHS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) 6A002 - SUB WEAPONS LAUNCH/HANDLING SUPPORT</i>					-			-			-			-			-			-
2) 6A002 - TEP ORDALTS/TRIDS																				
2.1) O/A MATERIAL 18009	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) TPES/ATP DYNAMIC SEAL UNITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) 6A002 - TEP ORDALTS/TRIDS</i>					-			-			-			-			-			-
3) 6A002 - TEST EQUIPMENT																				
3.1) BORE GAGE	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) MISC. TEST EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) TEST FACILITY EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) 6A002 - TEST EQUIPMENT</i>					-			-			-			-			-			-
4) 6A830 - PRODUCTION ENGINEERING																				
4.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) 6A830 - PRODUCTION ENGINEERING</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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment					Aggregated Item Name: SUB WEAPONS LAUNCHING/ HANDLING 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 (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) 6A002 - TEP ORDALTS/ TRIDS												
2.2) TPES/ATP DYNAMIC SEAL UNITS		2011	JOHN CRANE INC / Morton Gorge, IL	C / FP	NUWC, NEWPORT, RI	Jan 2012	Dec 2012	4	75,000.00	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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 6A5IN - O/A MATERIAL 18000 INSTALL			

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>)	27.709	2.944	1.488	1.230	-	1.230	1.908	2.005	2.307	2.698	1.530	43.819
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	27.709	2.944	1.488	1.230	-	1.230	1.908	2.005	2.307	2.698	1.530	43.819
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	27.709	2.944	1.488	1.230	-	1.230	1.908	2.005	2.307	2.698	1.530	43.819

(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:

[O/A MATERIAL 18000] PROJECT UNIT: ORDALT 18000 SUBMARINE TORPEDO TUBE MUZZLE LINK FAILURE INDICATOR
IO=69

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 6A5IN - O/A MATERIAL 18000 INSTALL				

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												
6A5IN - O/A MATERIAL 18000 INSTALL												
B Kits												
Recurring												
1.1.1) O/A MATERIAL 18000 - NonOrganic	15 / 0.600	7 / 0.350	4 / 0.200	2 / 0.100	- / -	2 / 0.100	4 / 0.200	5 / 0.250	5 / 0.250	6 / 0.300	15 / 1.530	63 / 3.780
<i>Subtotal Recurring</i>	15 / 0.600	7 / 0.350	4 / 0.200	2 / 0.100	- / -	2 / 0.100	4 / 0.200	5 / 0.250	5 / 0.250	6 / 0.300	15 / 1.530	63 / 3.780
<i>Total, 6A5IN - O/A MATERIAL 18000 INSTALL</i>	15 / 0.600	7 / 0.350	4 / 0.200	2 / 0.100	- / -	2 / 0.100	4 / 0.200	5 / 0.250	5 / 0.250	6 / 0.300	15 / 1.530	63 / 3.780
<i>Total Procurement, All Modifications</i>	15 / 0.600	7 / 0.350	4 / 0.200	2 / 0.100	- / -	2 / 0.100	4 / 0.200	5 / 0.250	5 / 0.250	6 / 0.300	15 / 1.530	63 / 3.780
<i>Total Procurement and Support</i>	0.600	0.350	0.200	0.100	-	0.100	0.200	0.250	0.250	0.300	1.530	3.780
6A5IN - O/A MATERIAL 18000 INSTALL Installation Cost	- / 27.109	- / 2.594	- / 1.288	- / 1.130	- / -	- / 1.130	- / 1.708	- / 1.755	- / 2.057	- / 2.398	- / -	- / 40.039
<i>Total Installation Cost</i>	- / 27.109	- / 2.594	- / 1.288	- / 1.130	- / -	- / 1.130	- / 1.708	- / 1.755	- / 2.057	- / 2.398	- / -	- / 40.039
Total Cost (Procurement + Support + Installation)	27.709	2.944	1.488	1.230	-	1.230	1.908	2.005	2.307	2.698	1.530	43.819

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5431 - Submarine ASW Support Equipment										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 6A5IN - O/A MATERIAL 18000 INSTALL									
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																			
Manufacturer Information: 6A5IN - O/A MATERIAL 18000 INSTALL																													
Manufacturer Name: EPSILON SYSTEMS													Manufacturer Location: San Diego, CA																
Administrative Leadtime (<i>in Months</i>): 0													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			Jun 2013			Jun 2014			Jun 2015			Jun 2016			Jun 2017			Jun 2018									
Delivery Dates		Aug 2012			Aug 2013			Aug 2014			Aug 2015			Aug 2016			Aug 2017			Aug 2018									

Installation: 6A5IN - O/A MATERIAL 18000 INSTALL										Method of Implementation: AIT										Installation Name: O/A MATERIAL 18000									
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	15 / 27.109	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 27.109																	
FY 2012	- / -	7 / 2.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.594																	
FY 2013	- / -	- / -	4 / 1.288	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.288																	
FY 2014	- / -	- / -	- / -	2 / 1.130	- / -	2 / 1.130	- / -	- / -	- / -	- / -	- / -	2 / 1.130																	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.708	- / -	- / -	- / -	- / -	4 / 1.708																	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.755	- / -	- / -	- / -	5 / 1.755																	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.057	- / -	- / -	5 / 2.057																	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.398	- / -	6 / 2.398																	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / -	15 / -																	
Total	15 / 27.109	7 / 2.594	4 / 1.288	2 / 1.130	- / -	2 / 1.130	4 / 1.708	5 / 1.755	5 / 2.057	6 / 2.398	15 / -	63 / 40.039																	

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	15	3	2	2	-	-	1	3	-	-	-	2	-	-	-	3	1	1	2	2	-	-	2	3	-	-	-	6	15	63	
Out	15	3	2	2	-	-	1	3	-	-	-	2	-	-	-	3	1	1	2	2	-	-	2	3	-	-	-	6	15	63	

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment							P-1 Line Item Nomenclature: 5449 - Surface ASW Support 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>)	122.261	5.801	6.465	3.909	-	3.909	4.142	4.214	4.320	4.382	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	122.261	5.801	6.465	3.909	-	3.909	4.142	4.214	4.320	4.382	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	122.261	5.801	6.465	3.909	-	3.909	4.142	4.214	4.320	4.382	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>)	-	0.070	-	-	-	-	-	-	-	-	-	0.070
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 Reliability, Maintainability and Availability (RM&A) and safety modifications through the Ordnance Alteration (ORDALT) process to Anti-Submarine Warfare (ASW) Fire Control, Surface Vessel Torpedo Tubes (SVTT), and related ASW Fire Control/SVTT support and test equipment to maintain the current envelope. Modification requirements arise as a result of evaluation, testing, and Fleet use of existing, new, or modified ASW weapons and/or related systems and subsystems. Included in this line item are all related procurements for training and simulation equipment required for the continued operation of this equipment. ORDALT procurements are highly variable and dependent on shipboard configurations and equipment age. This line item also provides funding for Surface Ship Undersea Warfare (USW) Fire Control System (FCS) modification efforts to continue the required operation/performance of ASW helicopter (helo operations), Vertical Launch (VLA) Anti-Submarine Rocket (ASROC), and Over-The-Side (OTS) capabilities due to the implementation of the MK54 Lightweight Torpedo (LHT) and Digital Fire Control Interface (DFCI). [P40A / 6B001 - ASWCS FIRE CONTROL ORDALTS, MK54 SURFACE SHIP USW FCS MODS]: 6B001 Cost Elements/Descriptions as Follows: ASWCS - UFCS/Control Panel ORDALTS: Provides funding for ORDALT kits for the ASW Underwater Fire Control System (UFCS) and Control Panel (MK309), ASW Control System (ASWCS) MK116 Mod 7, Torpedo Setting Panel (MK331), and the Torpedo Pre-Setter Test Set (MK432). ORDALT procurements include a MK432 Mod 6 test set which provides for the addition of wide angle display, cable terminations and tech refresh of obsolete motherboard parts. Also provide material support at multiple land-based laboratories as well as material support for upgrades and calibrations. Procurements will ensure laboratories are at Fleet baseline configurations. ASWCS - Production Engineering Support: Provides the necessary production engineering support funds to cover the associated Integrated Logistics Support (ILS) elements, Engineering Change Proposal (ECP) reviews, Engineering Changes (EC), Ship Change Documents (SCDs), and engineering audits for ASW Fire Control. Review and approve internal and external system interfaces (hardware and integration related) and identify interface 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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment		P-1 Line Item Nomenclature: 5449 - Surface ASW Support 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):		
ASWCS - Acceptance Test & Evaluation: Provides the in-house acceptance test and evaluation funding associated with the safety and quality assurance testing of all ASW Fire Control, Alteration Equivalent to Repairs (AERs), ECPs, ECs, and SCDs.		
MK54 - Surface Ship USW Fire Control System Mods: Funds Surface Ship Undersea Warfare (USW) Fire Control System (FCS) modification efforts to continue the required operation/performance of ASW helicopter (helo ops), Vertical Launch (VLA) Anti-Submarine Rocket (ASROC), and Over-The-Side (OTS) capabilities due to the implementation of the MK54 Lightweight Torpedo (LHT) and Digital Fire Control Interface (DFCI). Effort includes associated Non Recurring Engineering (NRE), procurement, and installation of the following: 1) MK54 magazine Stowage & Handling (S&H) modifications to CG47 and DDG51 class ships, thereby enabling them to stow/carry the MK54 and fully support ASW helo operations; 2) Modification of AEGIS Weapons System (AWS) Commercial-Off-The-Shelf Refresh 3 (CR3) Command & Decision (C&D) software for CG47 and DDG51 class ships so it can identify, preset, and launch the MK54 torpedo in its VLA configuration; 3) Modification of AN/SQQ-89A(V)15 USW Combat System software for CG47 and DDG51 class ships so it can identify, preset, and launch the MK54 torpedo in its VLA configuration; 4) Upgrade of MK116 MOD 7 Build 12B FCS software for CG47 class ships so it can identify, preset, and launch the MK54 torpedo in its OTS and VLA configuration; 5) Upgrade of the SVTT MK32 hardware for CG47 class ships so it can launch the MK54 torpedo in its OTS configuration. Additionally, effort is required to produce the associated Ship Control Document (SCD) and conduct the necessary system and integration tests and safety analyses to ensure the item meets MIL-STD-882 safety requirements.		
[P40A / 6B004 - TORPEDO TUBE ORDALTS]: 6B004 Cost Elements/Descriptions as Follows:		
SVTT - MK32 ORDALTS: The SVTT MK32 is an over-the-side torpedo defense surface ship launched system that conducts close-in ASW operations. This line provides funding for SVTT MK32 launchers, Torpedo Loading Trays (TLTs), and ancillary equipment for testing, training, and maintainability. ORDALT procurements include: Emergency Fire Circuit and Mount to Magazine Door Interoperability Circuit Improvements (SVTT MK32 Mod 19 only - ORDALT 76463); Overheat Sensor Test Set (SVTT MK32 Mod 15 Only - ORDALT 412-01-019); Locking Handle Securing Device (SVTT MK32 All Mods - ORDALT 412-01-031); Pressure Switch Assembly Replacement (SVTT MK32 All Mods - ORDALT 73191); Torpedo MK54 SVTT Upgrades for CGs 52-71 (SVTT MK32 Mods 14 Only - ORDALT 76008); Safe/Ready Lever Modification (SVTT MK32 Mod 15 Only - ORDALT 73440); Breech Mechanism Control Valve Redesign (SVTT MK32 All Mods - ORDALT TBD); Securing Mechanism Shoulder Bolt Retention (SVTT MK32 All Mods - ORDALT 412-04-025); Over-Heat Sensor Assembly Modification (SVTT MK32 Mod 15 Only - ORDALT 412-05-015) and Training Gear Handcrank Support Improvements (SVTT MK32 Mods 15 Only - ORDALT TBD). Procure SVTT shoresite laboratory equipment for Launcher System Facilities (LSF). LSFs are used to simulate shipboard conditions for over-the-side torpedo launchers, as well as for the creation of the required ORDALTS.		
SVTT - Production Engineering: Provides the necessary production engineering support funds to cover the associated Integrated Logistics Support (ILS) elements, Engineering Change Proposal (ECP) reviews, Engineering Changes (EC), SCDs, and engineering audits for SVTT ORDALTS.		
SVTT - Acceptance Test & Evaluation: Provides the in-house acceptance test and evaluation funding required for the safety and quality assurance testing of all SVTT ORDALTS, Alteration Equivalent to Repairs (AERs), ECPs, ECs, and SCDs.		
[P40A / 6B900 - CONSULTING SERVICES]: 6B900 Cost Element/Description as Follows:		
Provide the necessary funding for consulting services required to support scheduling of ASW Fire Control and SVTT ORDALT production, test, and installation efforts in conjunction with operation, safety, and environmental requirements.		
[P40A / 6B6IN - INSTALLATION OF EQUIPMENT - N96]: 6B6IN Cost Element/Description as Follows:		
Funds the installation of all ASW Fire Control (under Cost Code 6B001) and SVTT (under Cost Code 6B004) ORDALTS/SCDs. ORDALT/SCD Alteration Installation Team (AIT) pier-side installations are variable and contingent on Type Commander (TYCOM), Ships' Scheduling Conference (SSC), and ships' availability. Cost Code 6B6IN also funds the installation of MK54 Surface Ship USW FCS modifications (under Cost Code 6B001) to continue the required operation/performance of ASW helicopter (helo operations), VLA, and OTS capabilities due to the implementation of the MK54.		

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment												P-1 Line Item Nomenclature: 5449 - Surface ASW Support 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)
Surface ASW Support Equipment	P40A				122.261			5.801			6.465			3.909			-			3.909
Total Gross/Weapon System Cost					122.261			5.801			6.465			3.909			-			3.909

*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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment						P-1 Line Item Nomenclature: 5449 - Surface ASW Support Equipment										Aggregated Item Name: Surface ASW Support 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) 6B001 - ASWCS FIRE CONTROL ORDALTS, MK54 SURFACE SHIP USW FCS MODS																				
1.1) ASWCS - UCFS/ CONTROL PANEL ORDALTS	A		-	-	42.355	-	-	1.772	-	-	1.696	-	-	1.155	-	-	-	-	-	1.155
1.2) ASWCS - PRODUCTION ENGINEERING SUPPORT	A		-	-	3.361	-	-	0.124	-	-	0.128	-	-	0.131	-	-	-	-	-	0.131
1.3) ASWCS - ACCEPTANCE TEST & EVALUATION	A		-	-	2.405	-	-	0.101	-	-	0.101	-	-	0.101	-	-	-	-	-	0.101
1.4) MK54 - S&H UPGRADES (NRE)	A		-	-	0.312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) MK54 - AEGIS CR3 UPGRADE (NRE)	A		-	-	3.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) MK54 - SQQ-89A(V)15 UPGRADE (NRE)	A		-	-	3.820	-	-	0.560	-	-	1.540	-	-	0.520	-	-	-	-	-	0.520
1.7) MK54 - MK116 MOD 7 UPGRADE (NRE)	A		-	-	2.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) MK54 - MK116 MOD 7 UPGRADE	A		-	-	0.700	-	-	0.526	-	-	0.192	-	-	-	-	-	-	-	-	-
1.9) MK54 - SVTT UPGRADE	A		-	-	0.854	-	-	0.326	-	-	0.362	-	-	0.524	-	-	-	-	-	0.524
<i>Subtotal 1) 6B001 - ASWCS FIRE CONTROL ORDALTS, MK54 SURFACE SHIP USW FCS MODS</i>					59.807			3.409			4.019			2.431			-			2.431
2) 6B004 - TORPEDO TUBE ORDALTS																				
2.1) SVTT - MK32 ORDALTS	A		-	-	43.650	-	-	1.323	-	-	1.309	-	-	0.823	-	-	-	-	-	0.823
2.2) SVTT - PRODUCTION ENGINEERING SUPPORT	A		-	-	3.301	-	-	0.123	-	-	0.127	-	-	0.131	-	-	-	-	-	0.131
2.3) SVTT - ACCEPTANCE TEST & EVALUATION	A		-	-	2.375	-	-	0.101	-	-	0.101	-	-	0.101	-	-	-	-	-	0.101
<i>Subtotal 2) 6B004 - TORPEDO TUBE ORDALTS</i>					49.326			1.547			1.537			1.055			-			1.055

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment						P-1 Line Item Nomenclature: 5449 - Surface ASW Support Equipment										Aggregated Item Name: Surface ASW Support 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	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) 6B900 - CONSULTING SERVICES																				
3.1) CONSULTING SERVICES	A		-	-	6.318	-	-	0.153	-	-	0.103	-	-	0.098	-	-	-	-	-	0.098
<i>Subtotal 3) 6B900 - CONSULTING SERVICES</i>					6.318			0.153			0.103			0.098			-			0.098
4) 6B6IN - INSTALLATION OF EQUIPMENT - N96																				
4.1) ASWCS - FIRE CONTROL ORDALTS	A		-	-	2.009	-	-	0.110	-	-	0.112	-	-	0.105	-	-	-	-	-	0.105
4.2) MK54 - SURFACE SHIP USW FCS UPGRADES	A		-	-	2.808	-	-	0.488	-	-	0.601	-	-	0.124	-	-	-	-	-	0.124
4.3) SVTT - TORPEDO TUBE ORDALTS	A		-	-	1.993	-	-	0.094	-	-	0.093	-	-	0.096	-	-	-	-	-	0.096
<i>Subtotal 4) 6B6IN - INSTALLATION OF EQUIPMENT - N96</i>					6.810			0.692			0.806			0.325			-			0.325
Total					122.261			5.801			6.465			3.909			-			3.909

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment							P-1 Line Item Nomenclature: 5455 - ASW Range Support 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>)	50.656	7.823	47.930	28.694	-	28.694	17.912	18.022	18.173	18.293	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	50.656	7.823	47.930	28.694	-	28.694	17.912	18.022	18.173	18.293	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	50.656	7.823	47.930	28.694	-	28.694	17.912	18.022	18.173	18.293	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: ANTI-SUBMARINE WARFARE (ASW) RANGE EQUIPMENT: Funding provides for the procurement of training range and shore equipment, Test and Evaluation (T&E), acoustic trial range equipment, and weapon system and test equipment. Equipment procured includes instrumentation for US Fleet Operational Readiness Accuracy Check Sites (FORACS) Program, equipment required to conduct fleet exercises at Navy ASW Training ranges for the Underwater Tracking Range Equipment (UTRE)/Pinger Program, Surface Ship Combat Ship Qualification Trial (CSSQT), and equipment for the Surface Ship Radiated Noise Measurement (SSRNM) Program. Training and T&E ranges include; Southern California Offshore Range (SCORE), Barking Sands Tactical Underwater Range/Barking Sands Underwater Range Extension (BARSTUR/BSURE), Atlantic Underwater Test and Evaluation Center (AUTEC), Nanoose and Dabob Bay. FORACS ranges include; Andros Island, Southern California, and Hawaii. [P40A / 6C001 - WEAPON SYSTEM AND TEST EQUIPMENT]: Funding provides for the procurement of range communication systems, ship auto-tracking system, Surface Ship Acoustic Range Equipment, and upgraded ship position tracking system for the Surface Ship Radiated Noise Measurement (SSRNM) and US Fleet Operational Readiness Accuracy Check Sites (FORACS) programs. Funding also provides for improvements, modernizations, and upgrades to systems and equipment. [P40A / 6C002 - TRAINING/TEST & EVALUATION RANGE EQUIPMENT]: Funding provides for the procurement of shipboard underwater tracking equipment for existing ranges on both coasts and in Hawaii, ship special purpose Pinger test equipment, and the associated cables/mounting hardware required to track ships and submarines conducting Fleet exercises at the Navy training ranges for the Underwater Tracking Range Equipment (UTRE)/Pinger Program. Funding provides all of the Navy Underwater Ranges with tracking equipment because the equipment must be compatible with underwater vehicles (i.e. ships, submarines, torpedoes, mines and sonars). Funding also provides for improvements, modernizations, and upgrades to systems and equipment. Funding plus-up starting in FY14 is for an obsolescence driven upgrade to the submarine Underwater Tracking System (UTS). Funding will provide for procurement of underwater tracking equipment for submarines operating on Undersea Ranges including 90 UTS shipboard units, TEMPALT modifications and training. [P40A / 6C003 - TOWED TARGETS]: The Fleet requires low cost expendable towed targets for weapon system T&E and Fleet training. The Low Cost Modular Target (LCMT) is the primary towed target used to meet these requirements in future years. Increased funding in FY13 and following years is to support Fast Attack Craft-Fast Inshore Attack Craft (FAC-FIAC) training for the Fleet.												

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment										P-1 Line Item Nomenclature: 5455 - ASW Range Support 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):																				
[P40A / 6C004 - INSTRUMENTATION]: Seaborne target augmentation systems include transponders (i.e. transmitters/receivers), radar reflectors, radio frequency (RF) emitters and ground support equipment (GSE). Various electronic components provide the interface for the target control systems with the control stations/facilities for drone operations. RF emitters and radar reflectors enhance target threat replication and provide the required stimulus for anti-surface/radar weapons systems. FY13 reflects one time procurement of Multiple Integrated Laser Engagement System (MILES) gear which will be used on-board HSMSTs and other seaborne targets for counter-swarm training. [P40A / 6C005 - HSMST (HIGH SPEED MANEUVERABLE SEABORNE TARGET)]: Provides the user with a medium to high speed remote controlled surface target with a high degree of maneuverability. It has a form fitted collar surrounding the deck area of the aluminum hull. This target can exceed 45 knots in a calm sea and approaches 40 knots in a sea state 3. Increased funding in FY13 and following years is to support Fast Attack Craft-Fast Inshore Attack Craft (FAC-FIAC) training for the Fleet. [P40A / 6C006 - SDST (Ship Deployable Surface Target)]: SDST (Ship Deployable Surface Target) is used to support Fleet training and T&E exercises. This target supports training requirements of deploying ships and aircraft and surface gunnery requirements. [P40A / 6C007 - FACT (Fast Attack Craft Target)]: FACT (Fast Attack Craft Target) is required to meet T&E requirements for weapon systems tests and Fleet training. The exercises require a target to represent missile capable patrol craft operating at speeds of 50 knots in sea state 2 conditions. [P40A / 6C830 - PRODUCTION ENGINEERING]: _ Funding provides for Production Engineering performed by a field activity or contractor during the production phase of these projects. (S05) [P40A / 6C850 - PRODUCT IMPROVEMENT]: _ Funding provides for Product Improvement performed by a field activity or contractor during the production phase of these projects. (S05) [P40A / 6C970 - INTEGRATED LOGISTICS SUPPORT]: Review of proposed acquisition documentation to ensure all logistics requirements are included.																				
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)
ASW Range Support Equipment	P40A, P5A				50.656			7.823			47.930			28.694			-			28.694
Total Gross/Weapon System Cost					50.656			7.823			47.930			28.694			-			28.694
*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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment						P-1 Line Item Nomenclature: 5455 - ASW Range Support Equipment										Aggregated Item Name: ASW Range 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) 6C001 - WEAPON SYSTEM AND TEST EQUIPMENT																				
1.1) 6C001 - WEAPON SYSTEM AND TEST SUPPORT EQUIPMENT (S05)	A		-	-	15.628	-	-	2.628	-	-	2.583	-	-	2.522	-	-	-	-	-	2.522
<i>Subtotal 1) 6C001 - WEAPON SYSTEM AND TEST EQUIPMENT</i>					15.628			2.628			2.583			2.522			-			2.522
2) 6C002 - TRAINING/TEST & EVALUATION RANGE EQUIPMENT																				
2.1) 6C002 - TRAINING/TEST & EVALUATION RANGE EQUIPMENT (S05)	A		-	-	10.360	-	-	0.756	-	-	1.281	-	-	2.316	-	-	-	-	-	2.316
<i>Subtotal 2) 6C002 - TRAINING/TEST & EVALUATION RANGE EQUIPMENT</i>					10.360			0.756			1.281			2.316			-			2.316
3) 6C003 - TOWED TARGETS																				
3.1) 6C003 - TOWED TARGETS (SHIPS)	A		-	-	2.501	-	-	0.243	-	-	0.789	-	-	4.279	-	-	-	-	-	4.279
<i>Subtotal 3) 6C003 - TOWED TARGETS</i>					2.501			0.243			0.789			4.279			-			4.279
4) 6C004 - INSTRUMENTATION																				
4.1) 6C004 - INSTRUMENTATION (SHIPS)	A		-	-	1.228	-	-	0.100	-	-	2.614	-	-	0.159	-	-	-	-	-	0.159
<i>Subtotal 4) 6C004 - INSTRUMENTATION</i>					1.228			0.100			2.614			0.159			-			0.159
5) 6C005 - HSMST (HIGH SPEED MANEUVERABLE SEABORNE TARGET)																				
† 5.1) 6C005 - HSMST (SHIPS)	A		939,666.67	12	11.276	175,588.24	17	2.985	181,073.39	218	39.474	183,969.39	98	18.029	-	-	-	183,969.39	98	18.029
<i>Subtotal 5) 6C005 - HSMST (HIGH SPEED MANEUVERABLE SEABORNE TARGET)</i>					11.276			2.985			39.474			18.029			-			18.029
6) 6C006 - SDST (Ship Deployable Surface Target)																				

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment						P-1 Line Item Nomenclature: 5455 - ASW Range Support Equipment											Aggregated Item Name: ASW Range 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)
6.1) 6C006 - SDST (Ship Deployable Surface Target) (SHIPS)	A		-	-	0.988	-	-	0.160	-	-	0.120	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) 6C006 - SDST (Ship Deployable Surface Target)</i>					0.988			0.160			0.120			-			-			-
7) 6C007 - FACT (Fast Attack Craft Target)																				
7.1) 6C007 - FACT (Fast Attack Craft Target) (SHIPS)	A		-	-	1.424	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) 6C007 - FACT (Fast Attack Craft Target)</i>					1.424			-			-			-			-			-
8) 6C830 - PRODUCTION ENGINEERING																				
8.1) 6C830 - PRODUCTION ENGINEERING (S05)	A		-	-	2.655	-	-	0.204	-	-	0.287	-	-	0.424	-	-	-	-	-	0.424
8.2) 6C830 - PRODUCTION ENGINEERING (Ships)	A		-	-	1.390	-	-	0.469	-	-	0.416	-	-	0.403	-	-	-	-	-	0.403
<i>Subtotal 8) 6C830 - PRODUCTION ENGINEERING</i>					4.045			0.673			0.703			0.827			-			0.827
9) 6C850 - PRODUCT IMPROVEMENT																				
9.1) 6C850 - PRODUCT IMPROVEMENT (S05)	A		-	-	2.306	-	-	0.175	-	-	0.286	-	-	0.442	-	-	-	-	-	0.442
<i>Subtotal 9) 6C850 - PRODUCT IMPROVEMENT</i>					2.306			0.175			0.286			0.442			-			0.442
10) 6C970 - INTEGRATED LOGISTICS SUPPORT																				
10.1) 6C970 - INTEGRATED LOGISTICS SUPPORT (SHIPS)	A		-	-	0.900	-	-	0.103	-	-	0.080	-	-	0.120	-	-	-	-	-	0.120
<i>Subtotal 10) 6C970 - INTEGRATED LOGISTICS SUPPORT</i>					0.900			0.103			0.080			0.120			-			0.120
Total					50.656			7.823			47.930			28.694			-			28.694

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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 04: Ordnance Support Equipment / BSA 5: Asw Support Equipment				P-1 Line Item Nomenclature: 5455 - ASW Range Support Equipment					Aggregated Item Name: ASW Range Support 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 (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5) 6C005 - HSMST (HIGH SPEED MANEUVERABLE SEABORNE TARGET)												
5.1) 6C005 - HSMST (SHIPS)		2011	Gravois Aluminum Boats / LA	C / FFP	NAVSEA	Aug 2011	Jan 2012	12	172,420.00	N		Apr 2011
5.1) 6C005 - HSMST (SHIPS)		2012	Silverships / Theodore, AL	C / FFP	NAVSEA	Jul 2012	Nov 2012	17	175,588.24	N		Apr 2012
5.1) 6C005 - HSMST (SHIPS)		2013	TBD / TBD	C / FFP	NAVSEA	May 2013	Sep 2013	218	181,073.39	N		
5.1) 6C005 - HSMST (SHIPS)		2014	TBD / TBD	C / FFP	NAVSEA	May 2014	Sep 2014	98	183,969.39	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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip

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>)	241.390	83.580	3.579	46.586	-	46.586	37.883	23.207	12.837	14.653	-	463.715
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	241.390	83.580	3.579	46.586	-	46.586	37.883	23.207	12.837	14.653	-	463.715
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	241.390	83.580	3.579	46.586	-	46.586	37.883	23.207	12.837	14.653	-	463.715

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

Initial Spares (<i>\$ in Millions</i>)	-	0.696	0.179	-	-	-	-	-	-	0.001	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 is responsible for the management and execution of the Joint Service Explosive Ordnance Disposal (EOD) unified procurement system as assigned by DOD Directive 5160.62. All procurement of EOD tools and equipment, both initial outfitting and replenishment, for all military services is made by the Navy. The Navy provides all procurement services. There is an annual average of 300 procurement actions for this material. Each military service funds its own hardware.

[P40A / VN075 - EOD EQUIPMENT/SYSTEM]: EOD DECISION SUPPORT SYSTEM (EOD DSS)/INITIAL CAPABILITY: Provides the EOD technician access to EOD information and maintains current capability to collect and analyze ordnance information, and to develop render safe procedures. DSS Initial Capability directly transitions technology and systems from the Knowledge Technology Operational Demonstration (KTOD) Advanced Concepts Technology Demonstration (ACTD).

TRANSMITTER, COUNTERMEASURES (TCM) AN/PLT-XXX (CLASSIFIED PROJECT III): A system that provides the EOD technician protection from Improvised Explosive Devices (IEDs) and deliberate explosive devices by preventing their initiation, while working in close proximity to suspect devices. Also provides for Block Upgrades.

FUTURE RADIOGRAPHIC SYSTEM (FRS): Provides a much increased radiographic/diagnostic capability for the EOD technician responding to new requirements.

[P40A / VN077 - EOD OUTFITTING]: JUONS: Provides specialized components for EOD tool kits for use in theater in response to JUONS CC 0402, provides procurement of optic kits for EOD bomb suits, and to support the procurement of the next generation of optics and modifications to the mounting hardware for EOD suits in response to JUONS CC 0180. Provides specialized radio repeaters for EOD robots for use in theater in response to JUONS CC 412 from the end user.

COMBINED EXPLOSIVE EXPLOITATION CELL (CEXC)/NEODTECH TSD: Provides for the outfitting of type 2-SEA Duty EOD Detachment to address operational requirements for IED exploitation support of global tasking.

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment		P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
QDR RENDER SAFE/Weapons of Mass Destruction (WMD): Procure specialized equipment for joint service EOD technicians to perform render safe missions in support of Quadrennial Defense Review (QDR) issues. SPECIAL MISSION PROGRAM: Provides for outfitting of Navy EOD Special Mission Program equipment in support of COCOMs and national response. EOD IED ELECTRONIC COUNTERMEASURES (ECM): Provides for the outfitting of ECM systems specifically for EOD use that prevent the initiation of Remote Controlled IED (RCIED) threats. MATERIAL FOR NAVSCOLEOD: Provides for inert ordnance material to NAVSCOLEOD in support of Joint Service training. EOD MOBILE UNIT ALLOWANCE: Initial outfitting of tools/equipment and personal issue items for increased allowances on the CNO approved Allowance List for both active Fleet and Naval Reserve EOD units. EOD TACTICAL COMMS: Outfitting of tactical communications systems for EOD units/detachments for allowances on the CNO approved Allowance List. EOD DECISION SUPPORT SYSTEM (EOD DSS)/CONTINUOUS IMPROVEMENT: Provides the EOD technician access to EOD information and maintains current capability to collect and analyze ordnance information, and to develop render safe procedures. DSS Initial Capability directly transitions technology and systems from the Knowledge Technology Operational Demonstration (KTOD) Advanced Concepts Technology Demonstration (ACTD). NAVY EOD EQUIPMENT: Provides reset recapitalization equipment against approved allowance to support the Joint Service EOD community. HIGH FIDELITY WMD IDENTIFICATION (HFWI): Provides a family of detection identification capability for the EOD technician. JS EOD MOBILE ICE MODULES: Self contained, deployable MILVAN type container configured and outfitted to perform ordnance and IED exploitation. [P40A / VN830 - PRODUCTION ENGINEERING]: Review all technical data packages prior to procurement and provide procurement instruction to the procuring activity in support of the EOD unified procurement system. Provides production engineering support for all EOD production contracts. [P40A / VN850 - PRODUCT IMPROVEMENT]: Engineering services to improve EOD Systems/Equipment in production to improve maintainability, utilize current technology and decrease cost. [P40A / VN860 - ACCEPTANCE, TEST & EVALUATION]: Test, inspect, accept first articles and, on a 100% basis, the production quantity of EOD tools and equipment and Joint CREW systems being procured. These tools and systems are man-rated, and proper functioning of each item must be verified. [P40A / VN870 - JOINT CREW]: JOINT CREW (MOUNTED)- Provides for the procurement of mounted Navy CREW systems. JOINT CREW (DISMOUNTED) - Provides for the procurement of dismounted Navy CREW systems. JOINT CREW Production Start Up - Provides for Production Start Up costs associated with the procurement of mounted, dismounted and fixed site Navy CREW systems. [P40A / VNG82 - OCO SUPPLEMENTAL (FY 11-13) (OEF-A)]: CREW 2.1 MOUNTED SYSTEMS: Complete upgrade to existing NECC CREW CVRJ Systems to Band C capability. (FY11 OCO) JOINT SERVICE EOD ROBOTIC SYS CONTINUOUS IMPROVEMENT: Procurement of MTRS and CIP tools and equipment that will provide increased standoff capabilities to the EOD users operating configured EOD robots responding to IED and UXO threats. (FY12 OCO)		

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment												P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
JOINT SERVICE EOD SPECIAL MISSION SUPPORT: Platoons supporting SOF/NAVSOE have unique mission requirements per CONPLAN 0300. There are unique tools for these forces that need to be developed and/or modified from COTS to provide agile counter WMD and counter proliferation capability when supporting COCOM contingency. These forces are deployed in direct support of SOF/NAVSOE in AF and must have this expanded capability if directed by COCOM. (FY12 OCO) UNMANNED AERIAL SYSTEM (UAS): UAS procurement - \$8.7M required to sustain mission critical Intelligence, Surveillance & Reconnaissance (ISR) capability necessary for replacement Scan Eagle air vehicles: ISR, Target Acquisition, Battle Damage Assessments, Commander Situational Awareness & unit/convoy Force Protection. (FY12 OCO) [P40A / VNG86 - OCO SUPPLEMENTAL (FY12) (OND)]: JOINT SERVICE EOD SPECIAL MISSION SUPPORT: Platoons supporting SOF/NAVSOE have unique mission requirements per CONPLAN 0300. There are unique tools for these forces that need to be developed and/or modified from COTS to provide agile counter WMD and counter proliferation capability when supporting COCOM contingency. These forces are deployed in direct support of SOF/NAVSOE in AF and must have this expanded capability if directed by COCOM. (FY12 OCO) [P40A / VNG83 - OCO SUPPLEMENTAL (FY12) (OEF-HOA)]: JOINT SERVICE EOD SPECIAL MISSION SUPPORT: Platoons supporting SOF/NAVSOE have unique mission requirements per CONPLAN 0300. There are unique tools for these forces that need to be developed and/or modified from COTS to provide agile counter WMD and counter proliferation capability when supporting COCOM contingency. These forces are deployed in direct support of SOF/NAVSOE in AF and must have this expanded capability if directed by COCOM. (FY12 OCO) [P40A / VNTNG - INITIAL TRAINING]: Provide training support packages which include curriculum material for Joint Service EOD Systems Equipment.																					
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)	
EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT	P40A, P5A, P21				241.390			83.580			3.579			46.586			-			46.586	
Total Gross/Weapon System Cost					241.390			83.580			3.579			46.586			-			46.586	
*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: FY13-FY14 Explanation for increase was generated by the increase of EOD Future Radiographic System , Navy EOD Equipment and High Fidelity WMD Identification.																					

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment								P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip							Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL 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) VN075 - EOD EQUIPMENT/SYSTEM																				
† 1.1) EOD DSS INITIAL CAPABILITY	A		229,720.00	50	11.486	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) TRANSMITTER, COUNTERMEASURES (TCM) AN/PLT-XXX	B		-	-	11.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) EOD FUTURE RADIOGRAPHIC SYSTEM	B		-	-	-	166,666.67	15	2.500	-	-	-	80,000.00	101	8.080	-	-	-	80,000.00	101	8.080
1.4) ADVANCED EOD ROBOT	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) VN075 - EOD EQUIPMENT/SYSTEM					23.126			2.500			-			8.080			-			8.080
2) VN077 - EOD OUTFITTING																				
2.1) JUONS CC0402,CC0180,CC-0412	A		-	-	4.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) COMBINED EXPLOSIVE EXPLOITATION CELL	A		-	-	4.000	-	-	2.000	-	-	-	-	-	2.388	-	-	-	-	-	2.388
2.3) QDR RENDER SAFE	A		-	-	89.044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) SPECIAL MISSION PROGRAM	A		-	-	18.941	-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-
2.5) EOD IED ECM	A		-	-	11.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) MATERIAL FOR NAVSCOLEOD	A		-	-	1.638	-	-	0.407	-	-	-	-	-	0.378	-	-	-	-	-	0.378
2.7) EODMU ALLOWANCE	A		-	-	45.292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.8) EOD TACTICAL COMMS	A		-	-	5.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.9) EOD DSS CIP	A		-	-	-	-	-	2.000	-	-	0.784	-	-	3.240	-	-	-	-	-	3.240
2.10) NAVY EOD EQUIPMENT	A		-	-	-	-	-	8.991	-	-	-	-	-	19.603	-	-	-	-	-	19.603
2.11) HIGH FIDELITY WMD IDENTIFICATION (HFWI)	A		-	-	-	-	-	5.000	-	-	-	-	-	9.734	-	-	-	-	-	9.734
2.12) JS EOD MOBILE ICE MODULES	A		-	-	0.607	-	-	0.522	-	-	-	-	-	0.262	-	-	-	-	-	0.262
Subtotal 2) VN077 - EOD OUTFITTING					181.122			20.920			0.784			35.605			-			35.605
3) VN830 - PRODUCTION ENGINEERING																				

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment								P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip						Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL 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)
3.1) PRODUCTION ENGINEERING	A		-	-	3.996	-	-	1.198	-	-	1.055	-	-	1.101	-	-	-	-	-	1.101
Subtotal 3) VN830 - PRODUCTION ENGINEERING					3.996			1.198			1.055			1.101			-			1.101
4) VN850 - PRODUCT IMPROVEMENT																				
4.1) PRODUCT IMPROVEMENT	A		-	-	4.142	-	-	1.010	-	-	0.700	-	-	0.714	-	-	-	-	-	0.714
Subtotal 4) VN850 - PRODUCT IMPROVEMENT					4.142			1.010			0.700			0.714			-			0.714
5) VN860 - ACCEPTANCE, TEST & EVALUATION																				
5.1) ACCEPTANCE, TEST & EVALUATION	A		-	-	3.678	-	-	0.910	-	-	0.765	-	-	0.805	-	-	-	-	-	0.805
5.2) JOINT CREW ACCEPTANCE TEST & EVALUATION	A		-	-	1.937	-	-	1.167	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) VN860 - ACCEPTANCE, TEST & EVALUATION					5.615			2.077			0.765			0.805			-			0.805
6) VN870 - JOINT CREW																				
† 6.1) JOINT CREW (MOUNTED)	B		-	-	-	151,785.71	140	21.250	-	-	-	-	-	-	-	-	-	-	-	-
† 6.2) JOINT CREW (DISMOUNTED)	B		-	-	-	65,790.00	76	5.000	-	-	-	-	-	-	-	-	-	-	-	-
6.3) JOINT CREW PRODUCTION START-UP	A		-	-	-	-	-	13.650	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) VN870 - JOINT CREW					-			39.900			-			-			-			-
7) VNG82 - OCO SUPPLEMENTAL (FY 11-13) (OEF-A)																				
7.1) JS EOD ROBOTICE SYS CIP	A		-	-	-	-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-
7.2) UNMANNED AERIAL SYSTEM (UAS)	A		-	-	11.408	-	-	8.700	-	-	-	-	-	-	-	-	-	-	-	-
7.3) CREW 2.1 BAND C UPGRADE	A		-	-	10.386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.4) JS EOD SPECIAL MISSIONS	A		-	-	-	-	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment						P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip										Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL 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 7) VNG82 - OCO SUPPLEMENTAL (FY 11-13) (OEF-A)					21.794			13.700			-			-			-			-
8) VNG86 - OCO SUPPLEMENTAL (FY12) (OND)																				
8.1) JS EOD SPECIAL MISSION	A		-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) VNG86 - OCO SUPPLEMENTAL (FY12) (OND)					-			1.000			-			-			-			-
9) VNG83 - OCO SUPPLEMENTAL (FY12) (OEF-HOA)																				
9.1) JS EOD SPECIAL MISSION	A		-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) VNG83 - OCO SUPPLEMENTAL (FY12) (OEF-HOA)					-			1.000			-			-			-			-
10) VNTNG - INITIAL TRAINING																				
10.1) INITIAL TRAINING	A		-	-	1.595	-	-	0.275	-	-	0.275	-	-	0.281	-	-	-	-	-	0.281
10.2) COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE (CREW)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) VNTNG - INITIAL TRAINING					1.595			0.275			0.275			0.281			-			0.281
Total					241.390			83.580			3.579			46.586			-			46.586

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment				P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip					Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT			
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) VN075 - EOD EQUIPMENT/ SYSTEM												
1.1) EOD DSS INITIAL CAPABILITY		2011	NSWC/IH / INDIAN HEAD, MD	C / FFP	NSWC/IH	Jan 2011	Mar 2011	50	40,000.00	N		
†1.3) EOD FUTURE RADIOGRAPHIC SYSTEM		2012	SAIC / San Diego, CA	C / FFP	NSWC/IH	Aug 2012	Jun 2013	15	166,666.67	N	Aug 2013	May 2012
†1.3) EOD FUTURE RADIOGRAPHIC SYSTEM		2014	SAIC / San Diego, CA	C / FFP	NSWC/IH	Oct 2013	Oct 2014	101	80,000.00	N	Aug 2012	
6) VN870 - JOINT CREW												
6.1) JOINT CREW (MOUNTED)		2012	ITT / THOUSAND OAKS, CA	SS / FPIF	NAVSEA	Apr 2012	Nov 2012	140	151,785.71	N		Jun 2011
6.2) JOINT CREW (DISMOUNTED)		2012	ITT / THOUSAND OAKS, CA	SS / FPIF	NAVSEA	Apr 2012	Nov 2012	76	65,790.00	N		Jun 2011

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment										P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip														Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL 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					
1) VN075 - EOD EQUIPMENT/SYSTEM																																			
1.3) EOD FUTURE RADIOGRAPHIC SYSTEM																																			
	43	2012	NAVY	15	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	15				
	43	2014	NAVY	101	-	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101				
							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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment										P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip													Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT										
Items <i>(Units in Each)</i>							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) VN075 - EOD EQUIPMENT/SYSTEM																																	
1.3) EOD FUTURE RADIOGRAPHIC SYSTEM																																	
	43	2012	NAVY	15	-	15	-	-	-	-	-	-	-	-	-	15																	-
	43	2014	NAVY	101	-	101	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	101
							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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment										P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip										Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT											
Items <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016														
O C 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) VN075 - EOD EQUIPMENT/SYSTEM																															
1.3) EOD FUTURE RADIOGRAPHIC SYSTEM																															
	43	2012	NAVY	15	15	-																					-				
	43	2014	NAVY	101	-	101	101																					-			
							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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	P-1 Line Item Nomenclature: 5509 - Explosive Ordnance Disposal Equip	Aggregated Item Name: EXPLOSIVE ORDNANCE DISPOSAL 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	SAIC - San Diego, CA	-	-	-	-	-	-	-	-	-	-	-

"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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment							P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million					
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>)	22.613	13.663	3.125	11.933	-	11.933	9.654	8.256	5.409	5.060	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	22.613	13.663	3.125	11.933	-	11.933	9.654	8.256	5.409	5.060	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	22.613	13.663	3.125	11.933	-	11.933	9.654	8.256	5.409	5.060	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: [P40A / RA004 - QUALITY EVAL TECH & EQUIPMENT (QETE)]: Provides funding to procure test systems and equipment in support of the Navy weapons systems and ordnance Quality Evaluation (QE) Program. The purpose of the Navy QE Program is to insure that only safe, quality, reliable, and ready Navy and Marine Corps weapons systems and ordnance items are provided to the Fleet. The results of the QE stock surveillance testing is technical readiness data used to predict when items degrade to the point where they become unsafe to store or would fail to function (unreliable) when needed and should be removed from service. This generic (non-weapons systems specific) test equipment is needed to assess the effects of aging and exposure to environmental conditions on Navy weapons systems and ordnance such as mines, gun ammunition, missiles, pyrotechnics, demolition systems/devices, bombs, and torpedoes throughout the in-service portion of their life cycle and will be located at NAVSEA engineering field activities. Requirements for the test equipment come from a need to replace or modernize obsolete or economically non-repairable equipment or to acquire new or expanded generic test capabilities when new evaluation techniques or process are needed. The equipments procured by these funds are generally "one of a kind" and are used to support generic Navy weapons systems and ordnance types. Weapons systems specific equipment is procured/funded via the individual weapons system Program Management offices. After the weapon specific equipment has entered the inventory, these funds adapt the capability, if feasible, to become more generic and support more than one weapon system. This reduces the overall economic burden to the Navy. [P40A / RA005 - FLEET MINE SUPPORT EQUIPMENT]: Mine Countermeasure Targets are used to emulate both physically and electronically Foreign mine threats for Fleet training, exercises, ranges, and platform and system validation. Instrumented Mine Countermeasures (MCM) Targets can be programmed to behave and function like real foreign mine threats for mine sweeping and platform validation where non-instrumented Mine Countermeasure Targets emulate foreign threats physically for mine hunting training and system validation. Non-instrumented MCM Targets are also used for mine neutralization training and validation. [P40A / RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)]: Provides hardware and related materials to modify Fire Control System MK92 Mod 2/6 installed onboard FFG 7 Class ships. Modifications correct safety, environmental, Reliability, Maintainability and Availability (RM&A), cost of ownership and obsolescence deficiencies to maintain the readiness of the Anti-Aircraft Warfare/Anti-Surface Warfare (AAW/ASUW) Weapons System mission for self and area defense against hostile air and surface threats, including anti-ship missile threats. Hardware is procured as Ordnance Alterations (ORDALTs). Installation of ORDALTs will be accomplished by either AIT (Alteration Installation Teams) or in conjunction with routine repair actions planned in the fiscal years following the 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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment		P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million
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 / RA4M6 - FMP INSTALLATION]: Provides funding to install procured MK92 ORDALTs into FFG 7 Class ships by AIT.

[P40A / RA006 - GRIFFIN MISSILE SYSTEM (GMS)]: The Griffin Missile System (GMS) will provide precision, short range, anti-surface warfare attack capability against Fast Attack Craft/ Fast Inshore Attack Craft (FAC/FIAC) targets. The GMS provides these capabilities through the use of Griffin Missile (procured separately with WPN funding) and GMS ship set integrated on a Patrol Coastal (PC). A GMS ship set consists of the following components: Electro-Optical Infra-Red sensor with laser designator, two Launchers and associated equipment, Weapons Control System including cabling, connectors, graphical user interface, and Operator Interface Station. System Install & Check-Out is included.

[P40A / RA003 - INDUSTRIAL FACILITIES (CALIB. EQUIP)]: Provides funding for capital type rehabilitation projects at two (2) government-owned, contractor- operated (GOCO) plants for weapon systems. Federal Acquisition Regulation Part 52.245-7 specifies facilities use contracts require government funding of capital type rehabilitation projects to support and maintain these facilities. These plants have an average age of 45 years and lack of proper maintenance will severely limit capabilities to maintain scheduled production rates and overall productivity. Estimates support environmental, safety, energy conservation, and major repair at the GOCO 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)
Items Less Than \$5 Million	P40A, P5A, P21				22.613			13.663			3.125			11.933			-			11.933
Total Gross/Weapon System Cost					22.613			13.663			3.125			11.933			-			11.933

*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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment									P-1 Line Item Nomenclature: 5543 - 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) MAINTENANCE SUPPORT ACTIVITIES																				
1.1) RA004 - QUALITY EVAL TECH & EQUIPMENT (QETE)	B		-	-	10.589	-	-	1.517	-	-	1.617	-	-	1.594	-	-	-	-	-	1.594
1.2) RA005 - FLEET MINE SUPPORT EQUIPMENT	B		-	-	-	-	-	1.279	-	-	0.211	-	-	3.245	-	-	-	-	-	3.245
Subtotal 1) MAINTENANCE SUPPORT ACTIVITIES					10.589			2.796			1.828			4.839			-			4.839
2) FRIGATES - MISSILE																				
† 2.1) RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)	A		1,822K	3	5.466	237,670.00	3	0.713	242,666.67	3	0.728	239,666.67	3	0.719	-	-	-	239,666.67	3	0.719
† 2.2) RA4M6 - FMP INSTALLATION	A		328,000.00	2	0.656	33,000.00	3	0.099	33,000.00	3	0.099	33,333.33	3	0.100	-	-	-	33,333.33	3	0.100
† 2.3) RA006 - GRIFFIN MISSILE SYSTEM (GMS)	A		-	-	-	-	-	9.600	-	-	-	2,900K	2	5.799	-	-	-	2,900K	2	5.799
Subtotal 2) FRIGATES - MISSILE					6.122			10.412			0.827			6.618			-			6.618
3) GOCO FACILITIES																				
† 3.1) RA003 - INDUSTRIAL FACILITIES (CALIB. EQUIP)	A		-	-	5.902	455,000.00	1	0.455	470,000.00	1	0.470	476,000.00	1	0.476	-	-	-	476,000.00	1	0.476
Subtotal 3) GOCO FACILITIES					5.902			0.455			0.470			0.476			-			0.476
Total					22.613			13.663			3.125			11.933			-			11.933

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment			P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million						Aggregated Item Name: Items Less Than \$5 Million			
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) FRIGATES - MISSILE												
2.1) RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)		2011	SABTECH INDUSTRIES/ CA / New MFG - Loc	C / FFP	NSWC/PHD	May 2011	Jun 2011	3	275,330.00	Y		Oct 2010
2.1) RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)		2012	SABTECH INDUSTRIES/ CA / New MFG - Loc	C / FFP	NSWC/PHD	Jun 2012	Jun 2012	3	237,670.00	Y		Oct 2011
2.1) RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)		2013	SABTECH INDUSTRIES/ CA / New MFG - Loc	C / FFP	NSWC/PHD	Jun 2013	Jun 2013	3	242,666.67	Y		Oct 2012
2.1) RA001 - FLT SUPPORT ORDALT PROCUREMENT (MK92)		2014	SABTECH INDUSTRIES/ CA / New MFG - Loc	C / FFP	NSWC/PHD	Jun 2014	Jun 2014	3	239,666.67	Y		Oct 2012
2.2) RA4M6 - FMP INSTALLATION		2011	NSWC/CD / PHILADELPHIA, PA LED AIT	WR	NAVSEA	Aug 2011	Aug 2011	2	50,500.00	Y		Oct 2010
2.2) RA4M6 - FMP INSTALLATION		2012	NSWC/CD / PHILADELPHIA, PA LED AIT	WR	NAVSEA	Aug 2012	Aug 2012	3	33,000.00	Y		Oct 2011
2.2) RA4M6 - FMP INSTALLATION		2013	NSWC/CD / PHILADELPHIA, PA LED AIT	WR	NAVSEA	Aug 2013	Aug 2013	3	33,000.00	N	Oct 2012	Oct 2012
2.2) RA4M6 - FMP INSTALLATION		2014	NSWC/CD / PHILADELPHIA, PA LED AIT	WR	NAVSEA	Aug 2014	Aug 2014	3	33,333.33	N	Oct 2013	Oct 2013
†2.3) RA006 - GRIFFIN MISSILE SYSTEM (GMS)		2014	Naval Surface Warfare Center Dahlgren / Dahlgren, Va	Various	NSWC/ Dahlgren	Oct 2013	Jul 2014	2	2,900K	Y		Oct 2013
3) GOCO FACILITIES												
3.1) RA003 - INDUSTRIAL FACILITIES (CALIB. EQUIP)		2012	TBD / New MFG - Loc	MIPR	DLA/ AVIATION	Mar 2013	Sep 2013	1	455,000.00	Y		Dec 2012
3.1) RA003 - INDUSTRIAL FACILITIES (CALIB. EQUIP)		2013	TBD / New MFG - Loc	MIPR	DLA/ AVIATION	Jul 2013	Jan 2014	1	470,000.00	Y	Dec 2012	Oct 2012
3.1) RA003 - INDUSTRIAL FACILITIES (CALIB. EQUIP)		2014	TBD / New MFG - Loc	MIPR	DLA/ AVIATION	Apr 2014	Aug 2014	1	476,000.00	N	Dec 2013	Oct 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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment					P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million					Aggregated Item Name: Items Less Than \$5 Million									

Items (Units in Each)							Fiscal Year 2011															Fiscal Year 2012															
O 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															
							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) FRIGATES - MISSILE																																					
2.3) RA006 - GRIFFIN MISSILE SYSTEM (GMS)																																					
	44	2014	NAVY	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2					
							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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment										P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million										Aggregated Item Name: Items Less Than \$5 Million												
Items <i>(Units in Each)</i>							Fiscal Year 2013										Fiscal Year 2014															
O 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															
							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) FRIGATES - MISSILE																																
2.3) RA006 - GRIFFIN MISSILE SYSTEM (GMS)																																
	44	2014	NAVY	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	P-1 Line Item Nomenclature: 5543 - Items Less Than \$5 Million	Aggregated Item Name: Items Less Than \$5 Million

		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	Naval Surface Warfare Center Dahlgren - Dahlgren, Va	-	-	-	-	-	9	9	-	-	-	-

"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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance							P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy 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>)	536.259	32.634	31.743	62.361	-	62.361	70.060	67.715	65.920	67.013	179.240	1,112.945
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	536.259	32.634	31.743	62.361	-	62.361	70.060	67.715	65.920	67.013	179.240	1,112.945
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	536.259	32.634	31.743	62.361	-	62.361	70.060	67.715	65.920	67.013	179.240	1,112.945
<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 Anti-Ship Missile Decoy Program covers a family of decoys and the equipment to deploy them. It is an essential element of the Anti-Ship Missile Defense tactics to counter the threat of enemy homing missiles. NULKA is a joint program with Australia, and is currently in service with the Australian, Canadian, and United States Navies. This line contains various equipment and subsystems for a system which will provide the capability to defeat the effectiveness of hostile Anti-Ship cruise missiles. NULKA has been installed on the CG 47, DDG 51, FFG 7, LSD 41, and LSD 49 Classes in prior years. Installation on CVNs is scheduled to begin in FY13 and will be installed on nine carriers. The DLF-3B decoy systems respond to an urgent operational need by providing an initial limited interim decoy capability to the fleet by 2014. VV001: Procurement of MK 53 Decoy Launching Systems. VV002: Procurement of MK 234 NULKA Decoys. VV003: Engineering Changes and Logistics Support - Funding will procure Engineering Change Proposals (ECPs)/ORDALT Kits to ensure future tactical suitability and viability of NULKA and to address obsolescence, quality assurance, reliability, safety, Electromagnetic Interference (EMI), and diminishing manufacturing source issues. Additionally, funding will provide for updating Logistics including decoy and special purpose test equipment maintenance, provisioning, transportation, and training school support as required. VV830: Production Engineering support to the MK 234 NULKA Decoy. VV831: Procurement of the commercially available DLF-3B decoy systems. A ship system consists of 6 decoys, 6 launch tubes, 2 spare decoys, and 1 control panel. VV832: Procurement of DLF-3B Decoys/Spares. VV833: Logistics and Production support for DLF-3B 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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance					P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy 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):		

Equipment Installation: Funding is for the installation of NULKA Decoy Systems, Fleet Modernization Program installs, and installation of equipment at 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 (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
ANTI SHIP MISSILE DECOY SYSTEM	P40A, P5A, P21				354.813			25.450			16.711			27.181			-			27.181
1 - VV001 NULKA SYSTEMS	P3A				108.854			2.596			4.172			4.323			-			4.323
2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT	P3A				72.592			4.588			4.980			4.603			-			4.603
3 - VV831 - DLF-3B SYSTEMS	P3A				0.000			-			5.880			26.254			-			26.254
Total Gross/Weapon System Cost					536.259			32.634			31.743			62.361			-			62.361

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)
ANTI SHIP MISSILE DECOY SYSTEM	P40A, P5A, P21				-			-			-			-			-			-
1 - VV001 NULKA SYSTEMS	P3A				4.356			4.527			4.586			4.740			13.215			151.369
2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT	P3A				4.337			4.325			4.572			4.636			-			104.633
3 - VV831 - DLF-3B SYSTEMS	P3A				8.672			1.000			-			-			-			41.806
Total Gross/Weapon System Cost					70.060			67.715			65.920			67.013			179.240			1,112.945

*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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance						P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System										Aggregated Item Name: ANTI SHIP MISSILE DECOY 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) VV002 - NULKA DECOYS ⁽¹⁾																				
† 1.1) NULKA DECOYS ⁽²⁾	A		381,811.06	868	331.412	540,000.00	43	23.220	759,000.00	17	12.903	755,000.00	21	15.855	-	-	-	755,000.00	21	15.855
<i>Subtotal 1) VV002 - NULKA DECOYS</i>					331.412			23.220			12.903			15.855			-			15.855
2) VV830 - PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING	A		-	-	23.401	-	-	2.230	-	-	2.310	-	-	2.350	-	-	-	-	-	2.350
<i>Subtotal 2) VV830 - PRODUCTION ENGINEERING</i>					23.401			2.230			2.310			2.350			-			2.350
3) VV832 - DLF-3B DECOYS																				
† 3.1) VV832 DLF-3B DECOYS	A		-	-	-	-	-	-	-	-	-	303,555.56	27	8.196	-	-	-	303,555.56	27	8.196
<i>Subtotal 3) VV832 - DLF-3B DECOYS</i>					-			-			-			8.196			-			8.196
4) VV833 - DLF-3B LOGISTICS/PRODUCTION SUPPORT																				
4.1) VV833 DLF-3B LOGISTICS/ PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	1.498	-	-	0.780	-	-	-	-	-	0.780
<i>Subtotal 4) VV833 - DLF-3B LOGISTICS/PRODUCTION SUPPORT</i>					-			-			1.498			0.780			-			0.780
Total					354.813			25.450			16.711			27.181			-			27.181

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance								P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System						Aggregated Item Name: ANTI SHIP MISSILE DECOY 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) VV002 - NULKA DECOYS ⁽¹⁾																				
† 1.1) NULKA DECOYS ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) VV002 - NULKA DECOYS					-			-			-			-			-			-
2) VV830 - PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) VV830 - PRODUCTION ENGINEERING					-			-			-			-			-			-
3) VV832 - DLF-3B DECOYS																				
† 3.1) VV832 DLF-3B DECOYS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) VV832 - DLF-3B DECOYS					-			-			-			-			-			-
4) VV833 - DLF-3B LOGISTICS/PRODUCTION SUPPORT																				
4.1) VV833 DLF-3B LOGISTICS/ PRODUCTION SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) VV833 - DLF-3B LOGISTICS/PRODUCTION SUPPORT					-			-			-			-			-			-
Total					-			-			-			-			-			-
Footnotes: ⁽¹⁾ The FY12 unit cost (\$540K) is based on a total procurement of 78 decoys (43 procured with 5530/OPN and 35 procured by Australia). The FY13 unit cost (\$759K) is based on a total procurement of 33 decoys (17 procured with 5530/OPN and 16 procured by Australia). The FY14 unit cost (\$755K) is based on a total procurement of 37 decoys (21 procured with 5530/OPN and 16 procured by Australia). ⁽²⁾ Beginning in FY15, a new Nulka decoy variant will be introduced with a greatly increased capability and higher estimated unit cost compared to the current decoy.																				

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System				Aggregated Item Name: ANTI SHIP MISSILE DECOY 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) VV002 - NULKA DECOYS												
†1.1) NULKA DECOYS		2010	BAES / AUSTRALIA	C / FFP	DCMA PACIFIC	Apr 2010	Jun 2011	51	522,000.00	Y		
†1.1) NULKA DECOYS		2011	BAES / AUSTRALIA	C / FFP	DCMA PACIFIC	Jul 2011	Sep 2012	50	576,000.00	Y		
†1.1) NULKA DECOYS		2012	BAES / AUSTRALIA	C / FFP	DCMA PACIFIC	Jul 2012	Sep 2013	43	540,000.00	Y		
†1.1) NULKA DECOYS		2013	BAES / AUSTRALIA	C / FFP	DCMA PACIFIC	May 2013	Jul 2014	17	759,000.00	Y		
†1.1) NULKA DECOYS		2014	BAES / AUSTRALIA	C / FFP	DCMA PACIFIC	May 2014	Jul 2015	21	755,000.00	Y		
3) VV832 - DLF-3B DECOYS												
3.1) VV832 DLF-3B DECOYS		2014	AIRBORNE SYSTEMS / U.K.	C / FFP	NSWC Crane	Jan 2014	Oct 2014	27	303,555.56	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System														Aggregated Item Name: ANTI SHIP MISSILE DECOY SYSTEM								
Items <i>(Units in Each)</i>							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		
1) VV002 - NULKA DECOYS																																
1.1) NULKA DECOYS																																
All Prior Years Deliveries: 767																																
	45	2010	NAVY	51	-	51	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	31
	45	2011	NAVY	50	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	50
	45	2012	NAVY	43	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
	45	2013	NAVY	17	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
	45	2014	NAVY	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System													Aggregated Item Name: ANTI SHIP MISSILE DECOY SYSTEM									
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) VV002 - NULKA DECOYS																																
1.1) NULKA DECOYS																																
All Prior Years Deliveries: 767																																
	45	2010	NAVY	51	20	31	5	5	5	4	4	4	4																			-
	45	2011	NAVY	50	-	50	-	-	-	-	-	-	-	-	-	-	6	7	6	6	6	7	6	6								-
	45	2012	NAVY	43	-	43	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	39
	45	2013	NAVY	17	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	17
	45	2014	NAVY	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System										Aggregated Item Name: ANTI SHIP MISSILE DECOY SYSTEM												
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	
1) VV002 - NULKA DECOYS																																
1.1) NULKA DECOYS																																
All Prior Years Deliveries: 767																																
	45	2010	NAVY	51	51	-																									-	
	45	2011	NAVY	50	50	-																									-	
	45	2012	NAVY	43	4	39	4	4	3	3	3	4	3	3	4	4	4											-				
	45	2013	NAVY	17	-	17	-	-	-	-	-	-	-	-	-	2	2	2	2	1	1	1	1	1	1	1	1					-
	45	2014	NAVY	21	-	21	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	17	
							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 2013 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System										Aggregated Item Name: ANTI SHIP MISSILE DECOY SYSTEM											
Items <i>(Units in Each)</i>							Fiscal Year 2016										Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										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) VV002 - NULKA DECOYS																															
1.1) NULKA DECOYS																															
All Prior Years Deliveries: 767																															
	45	2010	NAVY	51	51	-																									-
	45	2011	NAVY	50	50	-																									-
	45	2012	NAVY	43	43	-																									-
	45	2013	NAVY	17	17	-																									-
	45	2014	NAVY	21	4	17	2	1	2	2	2	2	2	2	2	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System	Aggregated Item Name: ANTI SHIP MISSILE DECOY 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	BAES - AUSTRALIA	-	-	192.00	-	6	12	18	-	-	12	12

"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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance			P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System					Modification Nomenclature (Modification Number - Modification Title): 1 - VV001 NULKA SYSTEMS				
Models of Systems Affected: MK 53 DLS			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)	108.854	2.596	4.172	4.323	-	4.323	4.356	4.527	4.586	4.740	13.215	151.369
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	108.854	2.596	4.172	4.323	-	4.323	4.356	4.527	4.586	4.740	13.215	151.369
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	108.854	2.596	4.172	4.323	-	4.323	4.356	4.527	4.586	4.740	13.215	151.369
(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:												
Remarks: Total prior year installation QTY (97) differs from procurement QTY (99) due to two sets are shore site installations.												
[NULKA SYSTEMS] Program funds the procurement and installation of the MK53 NULKA System.												
FY 2011 and FY 2012 installation funding provides planning (DSA) and installation material for carriers.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VV001 NULKA SYSTEMS				

Models of Systems Affected: MK 53 DLS				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												
VV001 NULKA SYSTEMS												
B Kits												
Recurring												
1.1.1) NULKA SYSTEMS - NonOrganic ⁽³⁾	98 / 33.688	1 / 1.000	1 / 1.100	1 / 1.200	- / -	1 / 1.200	1 / 1.200	1 / 1.300	1 / 1.300	1 / 1.400	2 / 2.800	107 / 44.988
1.1.2) TRAINING EQUIPMENT - NonOrganic	1 / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.300
<i>Subtotal Recurring</i>	<i>99 / 34.988</i>	<i>1 / 1.000</i>	<i>1 / 1.100</i>	<i>1 / 1.200</i>	<i>- / -</i>	<i>1 / 1.200</i>	<i>1 / 1.200</i>	<i>1 / 1.300</i>	<i>1 / 1.300</i>	<i>1 / 1.400</i>	<i>2 / 2.800</i>	<i>108 / 46.288</i>
<i>Total, VV001 NULKA SYSTEMS</i>	<i>99 / 34.988</i>	<i>1 / 1.000</i>	<i>1 / 1.100</i>	<i>1 / 1.200</i>	<i>- / -</i>	<i>1 / 1.200</i>	<i>1 / 1.200</i>	<i>1 / 1.300</i>	<i>1 / 1.300</i>	<i>1 / 1.400</i>	<i>2 / 2.800</i>	<i>108 / 46.288</i>
<i>Total Procurement, All Modifications</i>	<i>99 / 34.988</i>	<i>1 / 1.000</i>	<i>1 / 1.100</i>	<i>1 / 1.200</i>	<i>- / -</i>	<i>1 / 1.200</i>	<i>1 / 1.200</i>	<i>1 / 1.300</i>	<i>1 / 1.300</i>	<i>1 / 1.400</i>	<i>2 / 2.800</i>	<i>108 / 46.288</i>
<i>Total Procurement and Support</i>	<i>34.988</i>	<i>1.000</i>	<i>1.100</i>	<i>1.200</i>	<i>-</i>	<i>1.200</i>	<i>1.200</i>	<i>1.300</i>	<i>1.300</i>	<i>1.400</i>	<i>2.800</i>	<i>46.288</i>
VV001 NULKA SYSTEMS Installation Cost	- / 73.866	- / 1.596	- / 3.072	- / 3.123	- / -	- / 3.123	- / 3.156	- / 3.227	- / 3.286	- / 3.340	- / 10.415	- / 105.081
<i>Total Installation Cost</i>	<i>- / 73.866</i>	<i>- / 1.596</i>	<i>- / 3.072</i>	<i>- / 3.123</i>	<i>- / -</i>	<i>- / 3.123</i>	<i>- / 3.156</i>	<i>- / 3.227</i>	<i>- / 3.286</i>	<i>- / 3.340</i>	<i>- / 10.415</i>	<i>- / 105.081</i>
Total Cost (Procurement + Support + Installation)	108.854	2.596	4.172	4.323	-	4.323	4.356	4.527	4.586	4.740	13.215	151.369

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VV001 NULKA SYSTEMS											
Models of Systems Affected: MK 53 DLS										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: VV001 NULKA SYSTEMS																															
Manufacturer Name: SECHAN													Manufacturer Location: LITITZ, 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				Mar 2013				Nov 2013				Nov 2014				Nov 2015				Nov 2016				Nov 2017					
Delivery Dates		Mar 2013				May 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018				Jan 2019					
Installation: VV001 NULKA SYSTEMS										Method of Implementation: AIT										Installation Name: NULKA 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		97 / 72.997		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		97 / 72.997					
FY 2012		0 / 0.869		- / 1.000		1 / 1.587		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.456					
FY 2013		- / -		- / 0.596		- / 1.004		1 / 1.679		- / -		1 / 1.679		- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.279					
FY 2014		- / -		- / -		- / 0.481		- / 0.961		- / -		- / 0.961		1 / 1.659		- / -		- / -		- / -		- / -		- / -		1 / 3.101					
FY 2015		- / -		- / -		- / -		- / 0.483		- / -		- / 0.483		- / 1.014		1 / 1.685		- / -		- / -		- / -		- / -		1 / 3.182					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.483		- / 1.051		1 / 1.744		- / -		- / -		- / -		1 / 3.278					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.491		- / 1.051		1 / 1.798		- / -		- / -		1 / 3.340					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.491		- / 1.051		1 / 1.865		- / -		1 / 3.407					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.491		2 / 8.550		- / -		2 / 9.041					
Total		97 / 73.866		- / 1.596		1 / 3.072		1 / 3.123		- / -		1 / 3.123		1 / 3.156		1 / 3.227		1 / 3.286		1 / 3.340		3 / 10.415		- / -		106 / 105.081					
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	97	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	1	-	-	1	-	3	106
Out	97	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	1	106
Footnotes:																															
⁽³⁾ Remarks: Total prior year installation QTY (97) differs from procurement QTY (99) due to two sets are shore site installations.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT				
Models of Systems Affected: DLS/EMC ORDALT KITS			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>)	72.592	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	104.633
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	72.592	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	104.633
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	72.592	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	104.633
<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: [DLS ORDALT KITS] Funding will procure Engineering Change Proposals (ECPs)/ORDALT Kits to ensure future tactical suitability and viability of NULKA and to address obsolescence, quality assurance, reliability, safety, Electromagnetic Interference (EMI), and diminishing manufacturing source issues. Additionally, funding will provide for updating Logistics including decoy and special purpose test equipment maintenance, provisioning, transportation, and training school support as required.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System					Modification Nomenclature (Modification Number - Modification Title): 2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT				
Models of Systems Affected: DLS/EMC ORDALT KITS				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													
VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT													
B Kits													
Non-Recurring													
1.1.1) DLS ORDALT KITS - NonOrganic ⁽⁴⁾	42 / 0.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.004	
1.1.2) EMC ORDALT KITS - Organic	- / 14.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.200	
Subtotal Non-Recurring	42 / 14.204	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 14.204	
Total, VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT	42 / 14.204	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 14.204	
Total Procurement, All Modifications	42 / 14.204	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 14.204	
Support													
2.1) ENGINEERING CHANGES	- / 18.812	- / 1.280	- / 1.567	- / 1.559	- / -	- / 1.559	- / 1.205	- / 1.305	- / 1.350	- / 1.405	- / -	- / 28.483	
2.2) LOGISTICS/PRODUCTION SUPPORT	- / 39.176	- / 3.308	- / 3.413	- / 3.044	- / -	- / 3.044	- / 3.132	- / 3.020	- / 3.222	- / 3.231	- / -	- / 61.546	
Total Support, All Modifications	57.988	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	90.029	
Total Procurement and Support	72.192	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	104.233	
VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT Installation Cost	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
Total Installation Cost	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
Total Cost (Procurement + Support + Installation)	72.592	4.588	4.980	4.603	-	4.603	4.337	4.325	4.572	4.636	-	104.633	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance								P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT															
Models of Systems Affected: DLS/EMC ORDALT KITS								Type Modification: [No Modification Type Specified]								Related RDT&E PEs:															
Manufacturer Information: VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT																															
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: VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT														Method of Implementation: [none specified]										Installation Name: DLS ORDALT 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		42 / 0.400	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		42 / 0.400								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		42 / 0.400	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		42 / 0.400								
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	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VV003 ENGINEERING CHANGES AND LOGISTICS SUPPORT
Models of Systems Affected: DLS/EMC ORDALT KITS	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽⁴⁾ Installation of Ordalt 73014 (\$400K) is included for the DLPP (Decoy Launch Processor Program) 6_3 upgrade and is included in Cost Code VVINS (Installation of Equipment). ORDALT 73014 install funds were only in FY11 (\$376K) and FY12 (\$24K). Installation was completed 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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System				Modification Nomenclature (Modification Number - Modification Title): 3 - VV831 - DLF-3B SYSTEMS				
Models of Systems Affected: DLF-3B DECOY SYSTEMS			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	-	5.880	26.254	-	26.254	8.672	1.000	-	-	-	41.806
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	5.880	26.254	-	26.254	8.672	1.000	-	-	-	41.806
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	5.880	26.254	-	26.254	8.672	1.000	-	-	-	41.806
(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: [DLF-3B SYSTEMS] Procurement of the commercially available DLF-3B decoy systems. A ship system consists of 6 decoys, 6 launch tubes, and 1 control panel. The quantity of three in FY 13 represents three complete ship 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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance		P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VV831 - DLF-3B SYSTEMS	
Models of Systems Affected: DLF-3B DECOY SYSTEMS		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												
VV831 - DLF-3B SYSTEMS												
B Kits												
Non-Recurring												
1.1.1) DLF-3B SYSTEMS - NonOrganic	- / -	- / -	3 / 5.280	11 / 22.070	- / -	11 / 22.070	- / -	- / -	- / -	- / -	- / -	14 / 27.350
<i>Subtotal Non-Recurring</i>	- / -	- / -	3 / 5.280	11 / 22.070	- / -	11 / 22.070	- / -	- / -	- / -	- / -	- / -	14 / 27.350
<i>Total, VV831 - DLF-3B SYSTEMS</i>	- / -	- / -	3 / 5.280	11 / 22.070	- / -	11 / 22.070	- / -	- / -	- / -	- / -	- / -	14 / 27.350
<i>Total Procurement, All Modifications</i>	- / -	- / -	3 / 5.280	11 / 22.070	- / -	11 / 22.070	- / -	- / -	- / -	- / -	- / -	14 / 27.350
<i>Total Procurement and Support</i>	-	-	5.280	22.070	-	22.070	-	-	-	-	-	27.350
VV831 - DLF-3B SYSTEMS Installation Cost	- / 0.000	- / -	- / 0.600	- / 4.184	- / -	- / 4.184	- / 8.672	- / 1.000	- / -	- / -	- / -	- / 14.456
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 0.600	- / 4.184	- / -	- / 4.184	- / 8.672	- / 1.000	- / -	- / -	- / -	- / 14.456
Total Cost (Procurement + Support + Installation)	0.000	-	5.880	26.254	-	26.254	8.672	1.000	-	-	-	41.806

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5530 - Anti-ship Missile Decoy System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VV831 - DLF-3B SYSTEMS																							
Models of Systems Affected: DLF-3B DECOY SYSTEMS				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: VV831 - DLF-3B SYSTEMS																															
Manufacturer Name: Airborne Systems								Manufacturer Location: United Kingdom																							
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 9																							
Dates	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates					Apr 2013				Jan 2014																						
Delivery Dates					Jan 2014				Oct 2014																						
Installation: VV831 - DLF-3B SYSTEMS				Method of Implementation: AIT								Installation Name: DLF-3B 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		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / 0.600	3 / 1.710	- / -	3 / 1.710	- / -	- / -	- / -	- / -	- / -	3 / 2.310																		
FY 2014		- / -	- / -	- / -	- / 2.474	- / -	- / 2.474	10 / 8.672	1 / 1.000	- / -	- / -	- / -	11 / 12.146																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / 0.600	3 / 4.184	- / -	3 / 4.184	10 / 8.672	1 / 1.000	- / -	- / -	- / -	14 / 14.456																		
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	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	3	1	1	2	6	-	-	1	-	-	-	-	-	-	-	-	-	-	14
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	7	1	-	1	-	-	-	-	-	-	-	-	-	14

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5660 - Surface Training Device Mods

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>)	95.450	6.254	34.174	41.813	-	41.813	29.801	25.475	22.782	16.973	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	95.450	6.254	34.174	41.813	-	41.813	29.801	25.475	22.782	16.973	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	95.450	6.254	34.174	41.813	-	41.813	29.801	25.475	22.782	16.973	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:

This line provides funds to procure, modify and modernize Aegis Ashore, LCS, DDG 1000 and surface shore-based navigation, combat systems, engineering, damage control and amphibious warfare individual and team Technical Training Equipment, Training Devices, Training Unique Equipment and Training systems. Funds ensure alignment between Surface Learning Centers and Fleet Concentration Area training systems and fleet training requirements as dictated by Surface and Expeditionary Warfare Training Plan. Additionally, funds support ship on-board training curriculum for the purpose of maintaining perishable operator and maintenance skills.

[P40A / TS004 Surface Training Device Mods]: TS004- SURFACE MINOR MODS

Modifications are required to meet safety standards, keep training systems compatible with equivalent changes made to fleet operational equipment, and to enhance training capabilities. These modifications support the 300+ fielded Surface training systems.

TS004- FFT/SLEP/MODULAR TRAINER

Funds are provided for the Service Life Extension Program (SLEP) Firefighter Trainer (FFT).

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)
TS004 Surface Training Device Mods	P40A				95.450			6.254			34.174			41.813			-			41.813

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5660 - Surface Training Device Mods

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					95.450			6.254			34.174			41.813			-			41.813

*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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance								P-1 Line Item Nomenclature: 5660 - Surface Training Device Mods							Aggregated Item Name: TS004 Surface Training Device Mods					
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) New P40A Grouping																				
1.1) SURFACE MINOR MODS	A		-	-	87.621	-	-	4.877	-	-	5.052	-	-	9.075	-	-	-	-	-	9.075
1.2) FFT/SLEP/ MODULAR TRAINER	A		-	-	7.829	-	-	0.922	-	-	0.922	-	-	0.922	-	-	-	-	-	0.922
1.3) FCA TRAINERS	A		-	-	-	-	-	-	-	-	7.400	-	-	2.465	-	-	-	-	-	2.465
1.4) NAVIGATION TRAINING SUPPORT	A		-	-	-	-	-	0.455	-	-	1.200	-	-	0.600	-	-	-	-	-	0.600
1.5) AEGIS ASHORE TRAINER	A		-	-	-	-	-	-	-	-	19.600	-	-	2.000	-	-	-	-	-	2.000
1.6) AEGIS ASHORE C4I TRAINING SYSTEM	A		-	-	-	-	-	-	-	-	-	-	-	22.000	-	-	-	-	-	22.000
1.7) IAMD SHORE TACTICAL TRAINER	A		-	-	-	-	-	-	-	-	-	-	-	2.300	-	-	-	-	-	2.300
1.8) ASW SHORE TACTICAL TRAINER	A		-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	1.500
1.9) NAVY TRAINING SYSTEM PLAN (NTSP TTE/TD MODS)	A		-	-	-	-	-	-	-	-	-	-	-	0.951	-	-	-	-	-	0.951
Total					95.450			6.254			34.174			41.813			-			41.813

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance							P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods					
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>)	232.774	36.685	23.450	26.672	-	26.672	23.799	24.237	24.840	25.089	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	232.774	36.685	23.450	26.672	-	26.672	23.799	24.237	24.840	25.089	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	232.774	36.685	23.450	26.672	-	26.672	23.799	24.237	24.840	25.089	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>)	-	0.159	0.157	0.161	-	0.161	0.162	0.165	0.169	0.172	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 line provides funds to modify/upgrade training devices to keep them compatible with equivalent changes made to Fleet operational equipment and to implement Training Enhancement Changes (TECs) to the trainer systems capabilities. [P40A / TD002: SUBMARINE TRAINING DEVICE MODS]: Provides funding for modifications which are upgrades to submarine training systems and TECs which are centrally managed systems. These improvements/upgrades are required to keep training systems, such as the Ship Control Operator Trainer (SCOT) and Submarine Bridge Trainer (SBT), compatible with equivalent changes made to fleet operational equipment and to change trainer capabilities to meet emergent training requirements. [P40A / TD006: SUB COAET]: TD006 SUBMARINE COMMON OPERATIONAL ANALYSIS AND EMPLOYMENT TRAINER (COAET) The COAET is an interactive, fundamental skills-level and employment skills trainer. It allows for introduction of new fleet requirements and upgrades. The purpose of these devices is to provide operator and introductory team training to submarine force personnel prior to entry into the full-up Submarine Multi Mission Team Trainer (SMMTT). It also provides supplemental training to off-load the heavily utilized attack center trainers. COAET provides training utilizing partial tactical builds and emulations of the latest Sonar and Combat Control Systems. These devices provide an environment substantially equivalent to that found on board ship, thus enabling students to develop and maintain the attack center expertise necessary to support Fleet operations. Also provides funding for TECs, integration of Acoustic Analysis Trainer (AAT), Virtualized Tactical Control (VTAC), Advanced Processing Build (APB)/ Technical Insertion (TI), and Sonar Tactical Decision Aid (STDA) implementation. [P40A / TD009: SMMTT PH3]: TD009 SUBMARINE MULTI MISSION TEAM TRAINER (SMMTT) To achieve desired submarine force readiness levels, it is necessary to construct highly sophisticated shore based Combat System Team Trainers capable of training personnel in all aspects of submarine approach, attack and surveillance operations in a controlled, simulated environment. Includes funding for TECs. The Combat Control System (CCS) AN/BYG-1 is installed on SSN and SSGN Class submarines, and there are currently plans to further upgrade these systems with the hardware revisions which provide enhanced warfighter capabilities. The Tactical Acoustic Rapid COTS (commercial-off-the-shelf) Insertion (ARCI) AN/BQQ-10 phased upgrades are being installed with the next revision which provides enhanced warfighter capabilities. These CCS and ARCI upgrades to the AN/BYG1 and BQQ-10 systems directly impact shore based Team Trainers. Additionally, the APB and TIs are generated yearly and bi-yearly into the CCS/Acoustic deployment, which also impact the trainers. SMMTT also includes annual Tactical Imaging TI/APB upgrades that support multiple classes of submarines.												

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
MDAP/MAIS Code(s):																				
The Submarine Multi-Mission Team Trainer (SMMTT) supports operator, employment, strike, and Battle Group training for enlisted and officer pipelines for these systems. The SMMTT provides operators and combat teams the opportunity to train ashore, prior to, and between deployments. The shore based training provides a means of maintaining team proficiency prior to ship deployment. SMMTT is also used for SSN/SSGN crew certification. The current SMMTT was formerly referred to as SMMTT "Phase 3" to distinguish it from the earlier Legacy versions, but is now simply SMMTT. SMMTT replaced all Military (MIL) Standard hardware in previous systems with commercial emulation hardware, enabling platform independence and wide area network capability. The use of Open Architecture (OA) trainer systems allows for the continuous growth of functional flexibility ultimately leading to employment training conducted for any submarine combat system. Plans are established to likewise upgrade submarine tactical systems to an OA, and the trainers will be compatible with the tactical interfaces. This program includes modifications to the functionality of the Periscope Simulator (PSIM) to provide common imaging training for CCS trainers and includes Electronic Surveillance Simulation Software. Legacy SMMTT supports SSBN Crew Certification and predeployment training as required by the Type Commander. LSMMTT also supports SSNs that have not been modernized in the TI/APB process including SSN 774 class submarines. LSMMTT is a combination of tactical combat controls in sonar systems driven by simulation/stimulation devices and leverages additional trainer simulation/auxiliary ship systems. FY12 procures 10 items: Procures one SMMTT EPM updates to match the latest Fleet tactical build for SSNs and unique sensors; procures four SMMTT kit upgrades to appropriate APB and TI; procures one SMMTT kit in Guam; procures four SMMTT upgrade kits with T10x advanced sensor mods. All SMMTT kits will be assembled and installed at Fleet training sites. Beginning in FY12, the VA SMMTT kit procurements are merged with the SMMTT kit upgrades resulting in an increase in unit cost. FY13 procures 5 items: Procures one SMMTT EPM updates to match the latest Fleet tactical build for SSNs and unique sensors; procures four SMMTT kit upgrades to appropriate APB and TI; procures one SMMTT kit in Guam; procures four SMMTT upgrade kits with T10x advanced sensor mods. FY14 procures 5 items: Procures one SMMTT EPM updates to match the latest Fleet tactical build for SSNs and unique sensors; procures four SMMTT kit upgrades to appropriate APB and TI; procures one SMMTT kit in Guam; procures four SMMTT upgrade kits with T10x advanced sensor mods. [P40A / TD015: SNADIS]: TD015 SNADIS SUBMARINE NON-TACTICAL APPLICATIONS DELIVERY INTERFACE SYSTEM (SNADIS) NETWORK: This system has been identified by the Submarine Type Commanders and approved by CNO to enable access to all data required to support Fleet Operational, Training, and Administrative requirements through a single, common, force-wide information delivery application interface. This program is for technical data, logistics, and training delivery management. The program must operate within the IT21/NMCI network infrastructure; and should leverage both the VIRGINIA Class paperless ship initiatives and the Navy's non-tactical application development managed by SPAWAR, as well as recognize shipboard requirements for complete non-tactical applications integration. Additionally, broader digital data delivery mechanisms being evaluated by the Navy, such as Technical Data Knowledge Management - Integrated Data Environment (TDKM-IDE), are being employed to construct a comprehensive end-to-end program for identifying and sustaining Fleet information requirements. Fleet Application development needs and associated support are based on Commander, Naval Submarine Forces overarching requirements and priorities. Procures engineering and software for new applications, upgrades for delivered systems, and further Fleet installations of the SNADIS application suite. SNADIS program discontinues after FY11.																				
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 Training Device Mods	P40A, P5A				117.857			11.985			12.440			11.879			-			11.879
1 - TD009 SMMTT PH3 MODIFICATIONS	P3A				89.963			9.962			10.455			10.893			-			10.893

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods									
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)
2 - TD009 SMMTT PH3 MODS GUAM	P3A				0.000			7.938			-			-			-			-
3 - TD009 SMMTT PH3 MODS SEAWOLF SMMTT	P3A				6.178			-			0.200			-			-			-
4 - TD009 SMMTT PH3 MODS TI-OX SMMTT	P3A				7.000			6.800			0.355			3.900			-			3.900
5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT	P3A				11.776			-			-			-			-			-
Total Gross/Weapon System Cost					232.774			36.685			23.450			26.672			-			26.672

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)
Submarine Training Device Mods	P40A, P5A				-			-			-			-			-			-
1 - TD009 SMMTT PH3 MODIFICATIONS	P3A				11.460			11.819			11.989			12.198	Continuing			Continuing		
2 - TD009 SMMTT PH3 MODS GUAM	P3A				-			-			-			-			-			7.938
3 - TD009 SMMTT PH3 MODS SEAWOLF SMMTT	P3A				-			-			-			-			-			6.378
4 - TD009 SMMTT PH3 MODS TI-OX SMMTT	P3A				-			-			-			-			-			18.055
5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT	P3A				-			-			-			-			-			11.776
Total Gross/Weapon System Cost					23.799			24.237			24.840			25.089	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance								P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods							Aggregated Item Name: Submarine Training Device Mods					
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) TD002: SUBMARINE TRAINING DEVICE MODS																				
1.1) SUBMARINE TRAINING DEVICE MODS	A		-	-	9.569	-	-	0.971	-	-	1.180	-	-	1.151	-	-	-	-	-	1.151
1.2) SCOT MODS	A		-	-	3.060	-	-	1.061	-	-	1.082	-	-	1.104	-	-	-	-	-	1.104
Subtotal 1) TD002: SUBMARINE TRAINING DEVICE MODS					12.629			2.032			2.262			2.255			-			2.255
2) TD006: SUB COAET																				
† 2.1) MODIFICATIONS	A		736,916.67	24	17.686	981,000.00	4	3.924	1,002K	4	4.008	1,022K	4	4.088	-	-	-	1,022K	4	4.088
Subtotal 2) TD006: SUB COAET					17.686			3.924			4.008			4.088			-			4.088
3) TD009: SMMTT PH3 ⁽¹⁾																				
† 3.1) EPM	A		2,415K	6	14.488	1,950K	1	1.950	1,993K	1	1.993	2,033K	1	2.033	-	-	-	2,033K	1	2.033
3.2) TECH SUPPORT	A		-	-	23.857	-	-	4.079	-	-	4.177	-	-	3.503	-	-	-	-	-	3.503
† 3.3) MODS VA CLASS SMMTT EPM	A		3,763K	4	15.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) TD009: SMMTT PH3					53.397			6.029			6.170			5.536			-			5.536
4) New P40A Grouping																				
4.1) MODS OBTT SMMTT	A		-	-	3.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) New P40A Grouping					3.750			-			-			-			-			-
5) TD015: SNADIS																				
5.1) MODIFICATIONS	A		-	-	30.395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) TD015: SNADIS					30.395			-			-			-			-			-
Total					117.857			11.985			12.440			11.879			-			11.879

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance								P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods							Aggregated Item Name: Submarine Training Device Mods					
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) TD002: SUBMARINE TRAINING DEVICE MODS																				
1.1) SUBMARINE TRAINING DEVICE MODS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) SCOT MODS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 1) TD002: SUBMARINE TRAINING DEVICE MODS					-			-			-			-					-	
2) TD006: SUB COAET																				
† 2.1) MODIFICATIONS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 2) TD006: SUB COAET					-			-			-			-					-	
3) TD009: SMMTT PH3 ⁽¹⁾																				
† 3.1) EPM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) TECH SUPPORT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 3.3) MODS VA CLASS SMMTT EPM	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 3) TD009: SMMTT PH3					-			-			-			-			-		-	
4) New P40A Grouping																				
4.1) MODS OBTT SMMTT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) New P40A Grouping					-			-			-			-			-		-	
5) TD015: SNADIS																				
5.1) MODIFICATIONS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) TD015: SNADIS					-			-			-			-			-		-	
Total					-			-			-			-			-		-	
Footnotes:																				
⁽¹⁾ Beginning in FY12, the TD009 cost code VA CLASS SMMTT kit procurements are merged with the SMMTT kit upgrades resulting in an increase in unit cost.																				

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods					Aggregated Item Name: Submarine Training Device Mods			
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
2) TD006: SUB COAET												
2.1) MODIFICATIONS		2012	NSWC CD / BETHESDA, MD	Reqn	NAVSEA	Nov 2011	Jul 2012	4	981,000.00	Y		
2.1) MODIFICATIONS		2013	NSWC CD / BETHESDA, MD	Reqn	NAVSEA	Nov 2012	Jul 2013	4	1,002K	Y		
2.1) MODIFICATIONS		2014	NSWC CD / BETHESDA, MD	C / TBD	** NO PCO **	Oct 2013	Jun 2014	4	1,022K	N		
3) TD009: SMMTT PH3												
3.1) EPM		2011	NSWC CD / BETHESDA, MD	Reqn	NAVSEA	Nov 2010	May 2011	1	1,912K	Y		
3.1) EPM		2012	NSWC CD / BETHESDA, MD	Reqn	NAVSEA	Nov 2011	May 2012	1	1,950K	Y		
3.1) EPM		2013	NSWC CD / BETHESDA, MD	Reqn	NAVSEA	Nov 2012	May 2013	1	1,993K	Y		
3.3) MODS VA CLASS SMMTT EPM		2011	NSWC CD / BETHESDA, MD	Reqn	** NO PCO **	Nov 2010	Aug 2011	1	581,000.00	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TD009 SMMTT PH3 MODIFICATIONS				
Models of Systems Affected: SMMTT PH3 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>)	89.963	9.962	10.455	10.893	-	10.893	11.460	11.819	11.989	12.198	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	89.963	9.962	10.455	10.893	-	10.893	11.460	11.819	11.989	12.198	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	89.963	9.962	10.455	10.893	-	10.893	11.460	11.819	11.989	12.198	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: SMMTT upgrades to hardware and simulation to match current Fleet configurations. [SMMTT PH3 MODS] SMMTT upgrades to hardware and simulation to match current Fleet configurations.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods					Modification Nomenclature (Modification Number - Modification Title): 1 - TD009 SMMTT PH3 MODIFICATIONS				
Models of Systems Affected: SMMTT PH3 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													
TD009 SMMTT PH3 MODIFICATIONS													
B Kits													
Recurring													
1.1.1) SMMTT PH3 MODS - NonOrganic ⁽²⁾	24 / 87.419	4 / 9.759	4 / 10.270	4 / 10.253	- / -	4 / 10.253	4 / 10.704	4 / 11.051	4 / 11.203	4 / 11.405	Continuing	Continuing	
Subtotal Recurring	24 / 87.419	4 / 9.759	4 / 10.270	4 / 10.253	- / -	4 / 10.253	4 / 10.704	4 / 11.051	4 / 11.203	4 / 11.405	- / -	- / -	
Total, TD009 SMMTT PH3 MODIFICATIONS	24 / 87.419	4 / 9.759	4 / 10.270	4 / 10.253	- / -	4 / 10.253	4 / 10.704	4 / 11.051	4 / 11.203	4 / 11.405	Continuing	Continuing	
Total Procurement, All Modifications	24 / 87.419	4 / 9.759	4 / 10.270	4 / 10.253	- / -	4 / 10.253	4 / 10.704	4 / 11.051	4 / 11.203	4 / 11.405	- / -	- / -	
Total Procurement and Support	87.419	9.759	10.270	10.253	-	10.253	10.704	11.051	11.203	11.405	-	-	
TD009 SMMTT PH3 MODIFICATIONS Installation Cost	- / 2.544	- / 0.203	- / 0.185	- / 0.640	- / -	- / 0.640	- / 0.756	- / 0.768	- / 0.786	- / 0.793	- / 0.800	- / 7.475	
Total Installation Cost	- / 2.544	- / 0.203	- / 0.185	- / 0.640	- / -	- / 0.640	- / 0.756	- / 0.768	- / 0.786	- / 0.793	- / 0.800	- / 7.475	
Total Cost (Procurement + Support + Installation)	89.963	9.962	10.455	10.893	-	10.893	11.460	11.819	11.989	12.198	0.800	7.475	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TD009 SMMTT PH3 MODIFICATIONS																							
Models of Systems Affected: SMMTT PH3 MODIFICATIONS				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: TD009 SMMTT PH3 MODIFICATIONS																															
Manufacturer Name: NSWC CD/NUWC NPT ⁽³⁾							Manufacturer Location: BETHESDA, MD/ NEWPORT, RI																								
Administrative Leadtime (<i>in Months</i>): 6							Production Leadtime (<i>in Months</i>): 17																								
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	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018	May 2019																								
Installation: TD009 SMMTT PH3 MODIFICATIONS				Method of Implementation: AIT				Installation Name: SMMTT PH3 MODS																							
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	19 / 2.544	3 / 0.203	2 / 0.093	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.840																			
FY 2012	- / -	- / -	2 / 0.092	2 / 0.299	- / -	2 / 0.299	- / -	- / -	- / -	- / -	- / -	4 / 0.391																			
FY 2013	- / -	- / -	- / -	2 / 0.341	- / -	2 / 0.341	2 / 0.380	- / -	- / -	- / -	- / -	4 / 0.721																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.376	2 / 0.383	- / -	- / -	- / -	4 / 0.759																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.385	2 / 0.394	- / -	- / -	4 / 0.779																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.392	2 / 0.394	- / -	4 / 0.786																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.399	2 / 0.800	4 / 1.199																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	19 / 2.544	3 / 0.203	4 / 0.185	4 / 0.640	- / -	4 / 0.640	4 / 0.756	4 / 0.768	4 / 0.786	4 / 0.793	2 / 0.800	48 / 7.475																			
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	19	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	2	2	2	48
Out	19	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	2	2	2	48
Footnotes: ⁽²⁾ Production lead time increased from an average of 11 months to 17 months due to an increase in Tactical TI/APB scheduled deliveries to the fleet and Engineering Production 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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - TD009 SMMTT PH3 MODIFICATIONS
Models of Systems Affected: SMMTT PH3 MODIFICATIONS	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽³⁾ NSWC CD & NUWC NPT are collaborating warfare centers that manage and execute the SMMTT as directed by NAVSEA. Both warfare centers function as a prime for this effort. However, for cost efficiency purposes, they compete their cognizant tasks among multiple vendors with multiple orders to provide equipment/software in a timely manner to meet the fleet required training dates. As such, the SMMTT delivery is not linked to any single contract date.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - TD009 SMMTT PH3 MODS GUAM			
Models of Systems Affected: SMMTT PH3 MODS GUAM			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	7.938	-	-	-	-	-	-	-	-	-	7.938
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	7.938	-	-	-	-	-	-	-	-	-	7.938
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	7.938	-	-	-	-	-	-	-	-	-	7.938
<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 SMMTT trainer to ships in Guam. [GUAM SMMTT] Provides SMMTT trainer to ships in Guam.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance		P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods		Modification Nomenclature (Modification Number - Modification Title): 2 - TD009 SMMTT PH3 MODS GUAM	
Models of Systems Affected: SMMTT PH3 MODS GUAM		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												
TD009 SMMTT PH3 MODS GUAM												
B Kits												
Non-Recurring												
1.1.1) GUAM SMMTT - NonOrganic	- / -	1 / 7.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.498
<i>Subtotal Non-Recurring</i>	- / -	1 / 7.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.498
<i>Total, TD009 SMMTT PH3 MODS GUAM</i>	- / -	1 / 7.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.498
<i>Total Procurement, All Modifications</i>	- / -	1 / 7.498	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.498
Total Procurement and Support	-	7.498	-	-	-	-	-	-	-	-	-	7.498
TD009 SMMTT PH3 MODS GUAM Installation Cost	- / 0.000	- / 0.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.440
<i>Total Installation Cost</i>	- / 0.000	- / 0.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.440
Total Cost (Procurement + Support + Installation)	0.000	7.938	-	-	-	-	-	-	-	-	-	7.938

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance										P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - TD009 SMMTT PH3 MODS GUAM											
Models of Systems Affected: SMMTT PH3 MODS GUAM										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: TD009 SMMTT PH3 MODS GUAM																															
Manufacturer Name: NSWC CD													Manufacturer Location: BETHESDA, MD																		
Administrative Leadtime (<i>in Months</i>): 6													Production Leadtime (<i>in Months</i>): 10																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Nov 2012																									
Delivery Dates						Aug 2013																									
Installation: TD009 SMMTT PH3 MODS GUAM										Method of Implementation: AIT										Installation Name: GUAM SMMTT											
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 / 0.440		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.440					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		1 / 0.440		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.440					
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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TD009 SMMTT PH3 MODS SEAWOLF SMMTT			

Models of Systems Affected: SMMTT PH3 MODS SEAWOLF SMMTT				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>)	6.178	-	0.200	-	-	-	-	-	-	-	-	6.378
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	6.178	-	0.200	-	-	-	-	-	-	-	-	6.378
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6.178	-	0.200	-	-	-	-	-	-	-	-	6.378

(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 SSN21 SEAWOLF Class SMMTT systems.

OSD12 comment - Type commander cancelled TI08 install and directed TI12 be delivered to better support SSN21 class modernization.

[SEAWOLF SMMTT] Provides SSN21 SEAWOLF Class SMMTT 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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TD009 SMMTT PH3 MODS SEAWOLF SMMTT					

Models of Systems Affected: SMMTT PH3 MODS SEAWOLF SMMTT			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												
TD009 SMMTT PH3 MODS SEAWOLF SMMTT												
B Kits												
Non-Recurring												
1.1.1) SEAWOLF SMMTT - NonOrganic ⁽⁴⁾	2 / 6.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.178
<i>Subtotal Non-Recurring</i>	2 / 6.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.178
<i>Total, TD009 SMMTT PH3 MODS SEAWOLF SMMTT</i>	2 / 6.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.178
Total Procurement, All Modifications	2 / 6.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.178
Total Procurement and Support	6.178	-	-	-	-	-	-	-	-	-	-	6.178
TD009 SMMTT PH3 MODS SEAWOLF SMMTT Installation Cost	- / 0.000	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
Total Installation Cost	- / 0.000	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
Total Cost (Procurement + Support + Installation)	6.178	-	0.200	-	-	-	-	-	-	-	-	6.378

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - TD009 SMMTT PH3 MODS SEAWOLF SMMTT

Models of Systems Affected: SMMTT PH3 MODS SEAWOLF SMMTT	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Manufacturer Information: TD009 SMMTT PH3 MODS SEAWOLF SMMTT

Manufacturer Name: New MFG - Name ⁽⁵⁾				Manufacturer Location: New MFG - Loc			
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: TD009 SMMTT PH3 MODS SEAWOLF SMMTT			Method of Implementation: [none specified]					Installation Name: SEAWOLF SMMTT				
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 / 0.200
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	2 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.200

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
Out	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		

Footnotes:

⁽⁴⁾ OSD-12 comment - Type commander cancelled TI08 install and directed TI12 be delivered to better support SSN21 class modernization.

⁽⁵⁾ See P3a remarks section

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TD009 SMMTT PH3 MODS TI-OX SMMTT				
Models of Systems Affected: SMMTT PH3 MODS TI-OX SMMTT			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>)	7.000	6.800	0.355	3.900	-	3.900	-	-	-	-	-	18.055
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	7.000	6.800	0.355	3.900	-	3.900	-	-	-	-	-	18.055
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	7.000	6.800	0.355	3.900	-	3.900	-	-	-	-	-	18.055
<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 SMMTT modifications to match Tactical advanced sensor configurations. [MODS TI-OX SMMTT] Provides SMMTT modifications to match Tactical advanced sensor configurations.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TD009 SMMTT PH3 MODS TI-OX SMMTT				

Models of Systems Affected: SMMTT PH3 MODS TI-OX SMMTT			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												
TD009 SMMTT PH3 MODS TI-OX SMMTT												
B Kits												
Recurring												
1.1.1) MODS TI-OX SMMTT - NonOrganic ⁽⁶⁾	1 / 6.800	4 / 6.800	- / -	1 / 3.800	- / -	1 / 3.800	- / -	- / -	- / -	- / -	- / -	6 / 17.400
<i>Subtotal Recurring</i>	1 / 6.800	4 / 6.800	- / -	1 / 3.800	- / -	1 / 3.800	- / -	- / -	- / -	- / -	- / -	6 / 17.400
<i>Total, TD009 SMMTT PH3 MODS TI-OX SMMTT</i>	1 / 6.800	4 / 6.800	- / -	1 / 3.800	- / -	1 / 3.800	- / -	- / -	- / -	- / -	- / -	6 / 17.400
<i>Total Procurement, All Modifications</i>	1 / 6.800	4 / 6.800	- / -	1 / 3.800	- / -	1 / 3.800	- / -	- / -	- / -	- / -	- / -	6 / 17.400
<i>Total Procurement and Support</i>	6.800	6.800	-	3.800	-	3.800	-	-	-	-	-	17.400
TD009 SMMTT PH3 MODS TI-OX SMMTT Installation Cost	- / 0.200	- / -	- / 0.355	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.655
<i>Total Installation Cost</i>	- / 0.200	- / -	- / 0.355	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.655
Total Cost (Procurement + Support + Installation)	7.000	6.800	0.355	3.900	-	3.900	-	-	-	-	-	18.055

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - TD009 SMMTT PH3 MODS TI-OX SMMTT																							
Models of Systems Affected: SMMTT PH3 MODS TI-OX SMMTT				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: TD009 SMMTT PH3 MODS TI-OX SMMTT																															
Manufacturer Name: NSWC CD ⁽⁷⁾							Manufacturer Location: BETHESDA, MD																								
Administrative Leadtime (<i>in Months</i>): 6							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 2011	Nov 2012																													
Delivery Dates	Sep 2012	Nov 2013																													
Installation: TD009 SMMTT PH3 MODS TI-OX SMMTT				Method of Implementation: AIT				Installation Name: MODS TI-OX SMMTT																							
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 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200																			
FY 2012	- / -	- / -	4 / 0.355	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.355																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	1 / 0.100	- / -	1 / 0.100	- / -	- / -	- / -	- / -	- / -	1 / 0.100																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	1 / 0.200	- / -	4 / 0.355	1 / 0.100	- / -	1 / 0.100	- / -	- / -	- / -	- / -	- / -	6 / 0.655																			
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	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	1	-	-	-	-	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Footnotes: ⁽⁶⁾ FY11 new SMMTT TI-OX for Bangor has slightly less lead time than the FY12 procurements due to their multiple configurations. ⁽⁷⁾ See P3A remarks section																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT				
Models of Systems Affected: SMMTT PH3 MODS VA CLASS SMMTT				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>)	11.776	-	-	-	-	-	-	-	-	-	-	11.776
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	11.776	-	-	-	-	-	-	-	-	-	-	11.776
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	11.776	-	-	-	-	-	-	-	-	-	-	11.776
<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 VA Class functions to SMMTT.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT					

Models of Systems Affected: SMMTT PH3 MODS VA CLASS SMMTT			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												
TD009 SMMTT PH3 MODS VA CLASS SMMTT												
B Kits												
Recurring												
1.1.1) MODS VA CLASS SMMTT - NonOrganic ⁽⁸⁾	3 / 11.176	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 11.176
<i>Subtotal Recurring</i>	3 / 11.176	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 11.176
<i>Total, TD009 SMMTT PH3 MODS VA CLASS SMMTT</i>	3 / 11.176	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 11.176
Total Procurement, All Modifications	3 / 11.176	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 11.176
Total Procurement and Support	11.176	-	-	-	-	-	-	-	-	-	-	11.176
TD009 SMMTT PH3 MODS VA CLASS SMMTT Installation Cost	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600
Total Installation Cost	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600
Total Cost (Procurement + Support + Installation)	11.776	-	-	-	-	-	-	-	-	-	-	11.776

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance				P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT																							
Models of Systems Affected: SMMTT PH3 MODS VA CLASS SMMTT				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: TD009 SMMTT PH3 MODS VA CLASS SMMTT																															
Manufacturer Name: NSWC CD ⁽⁹⁾							Manufacturer Location: BETHESDA, MD																								
Administrative Leadtime (<i>in Months</i>): 6							Production Leadtime (<i>in Months</i>): 22																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Nov 2010																														
Delivery Dates	May 2011																														
Installation: TD009 SMMTT PH3 MODS VA CLASS SMMTT				Method of Implementation: AIT				Installation Name: MODS VA CLASS SMMTT																							
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 / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	3 / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600																			
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
Out	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Footnotes: ⁽⁸⁾ The production dates for FY08 were DEC07 - JAN10 (26 Months) for the first kit. The second kit DEC08-SEP10 (22 Months). Third kit is NOV10-MAY11 (6 months; easier purchase/install with lessons learned incorporated). Therefore, the range of 6-22 months production time is provided.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Nomenclature: 5661 - Submarine Training Device Mods	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - TD009 SMMTT PH3 MODS VA CLASS SMMTT
Models of Systems Affected: SMMTT PH3 MODS VA CLASS SMMTT	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽⁹⁾ See P3a remarks sections		

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