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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Navy	<b>DATE:</b> February 2012
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<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/EW)</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	90.484	184.087	151.489	-	151.489	169.224	177.289	128.965	141.605	Continuing	Continuing
0954: <i>Shipboard EW Improvement Program</i>	13.200	18.438	18.494	-	18.494	15.935	15.675	15.813	16.115	Continuing	Continuing
2190: <i>NULKA Decoy</i>	5.204	3.520	2.352	-	2.352	2.344	5.276	2.221	7.207	Continuing	Continuing
3227: <i>SEWIP Block 2</i>	57.389	43.894	29.937	-	29.937	3.089	0.744	0.676	0.691	Continuing	Continuing
3316: <i>Advanced Offboard EW</i>	-	22.967	23.211	-	23.211	23.793	72.341	66.058	72.546	Continuing	Continuing
3321.: <i>SEWIP Block 3</i>	14.691	95.268	77.495	-	77.495	124.063	83.253	44.197	45.046	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

0954 - The Surface Electronic Warfare Improvement Program (SEWIP) provides enhanced Electronic Warfare (EW) capabilities to existing and new ship combat systems to improve Anti Ship Missile Defense (ASMD), counter-targeting and counter-surveillance capabilities, as well as improved battlefield situational awareness. The SEWIP employs an evolutionary acquisition and incremental development strategy to upgrade surface EW capabilities via a series of block upgrades to the AN/SLQ-32(V) system, and field EW improvements to keep pace with the ASMD threat.

2190 - The Offboard Active Decoy (NULKA) is a joint cooperative program between the United States and Australia that developed an active offboard decoy that utilizes a broadband radio frequency repeater mounted atop a hovering rocket. NULKA is designed to counter a wide variety of present and future radar guided Anti-Ship Missiles (ASMs) by radiating a large radar cross section while flying a ship-like trajectory. The United States developed the electronic payload and fire control system, while Australia developed the hovering rocket.

3227 - SEWIP Block 2 is a separate program to develop an upgraded antenna, receiver, and combat system interface for SLQ-32. The upgrades are necessary in order to pace the threat, improving detection, accuracy, and mitigation of Electromagnetic Interference (EMI).

3316 - The Advanced Offboard EW program is for the development of a long duration, offboard decoy utilizing one of a family of payload types in support of countering identified EW gaps (additional details classified). Development will include the vehicle shipboard control and integration with ship systems and sensors.

3321 - SEWIP Block 3 is a separate program that will provide an updated Electronic Attack (EA) capability to the SLQ-32(V) Electronic Warfare (EW) suite. The program will provide a new integrated EA transmitter, array, and associated techniques to enhance surface EW capability for legacy and new ship combat systems.

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/EW)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	84.525	184.095	178.986	-	178.986
Current President's Budget	90.484	184.087	151.489	-	151.489
Total Adjustments	5.959	-0.008	-27.497	-	-27.497
• Congressional General Reductions	-	-0.008			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	10.000	-			
• SBIR/STTR Transfer	-1.621	-			
• Program Adjustments	-	-	-26.456	-	-26.456
• Rate/Misc Adjustments	-	-	-1.041	-	-1.041
• Congressional General Reductions Adjustments	-0.420	-	-	-	-
• Congressional Directed Reductions Adjustments	-2.000	-	-	-	-

**Change Summary Explanation**

Program changes in FY11 include adding funds to SEWIP BLK III TEWM effort. Program changes FY13 include adding additional funding for CNO endorsed TEWM speed to fleet initiative.

Technical: Realigned FY 13 funding to a classified effort for proper execution.

Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 0954: Shipboard EW Improvement Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
0954: Shipboard EW Improvement Program	13.200	18.438	18.494	-	18.494	15.935	15.675	15.813	16.115	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

SEWIP provides enhanced EW capabilities to existing and new ship combat systems to improve ASMD, counter-targeting and counter surveillance capabilities, as well as improved situational awareness. The SEWIP employs an evolutionary acquisition and incremental development strategy to upgrade surface EW capabilities via a series of block upgrades to the AN/SLQ-32(V) system, and field EW improvements to keep pace with the ASMD threat. SEWIP will provide required EW capabilities and will incorporate technology advances as they become available to provide incremental upgrades and improvements in performance.

SEWIP Block 1 is segmented into Block 1A, and Block 1B, ALQ-210 integration, and EW Rapid Capability Insertion Process (RCIP). Block 1A upgrades the AN/SLQ-32 pulse-processing computers and the display console allowing the system to more quickly identify threats and better display the information to the operator. Block 1A Electronic Surveillance Enhancements (ESE) pulse-processing computers and the Improved Control and Display (ICAD) Human System Interface (HSI) console partially open the electronic warfare system architecture to support subsequent EW capability upgrades. Block 1B adds adjunct sensors for special signal intercept, including Specific Emitter Identification (SEI), and High Gain High Sensitivity (HGHS) (Block 1B3), a critical improvement for threat correlation, situational awareness, and extending the battle space. ALQ-210 integration will develop capability to use and integrate Electronic Warfare Support (ES) controls and data between AN/SLQ-32 and the ALQ-210 on the MH60R. EW RCIP identifies joint force capability gaps, prioritizes those gaps based on fleet input and critical technology maturity, and develops upgrades to the AN/SLQ-32(V) product line for fielding to address those gaps.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
<b>Title:</b> Block 1B3	4.718	10.037	6.406
<b>Articles:</b>	0	0	0
<b>FY 2011 Accomplishments:</b> Completed Engineering and Manufacturing Development (E&MD) by taking delivery of Engineering Development Models (EDMs). Conducted and completed operational assessment of EDMs.			
<b>FY 2012 Plans:</b> Commence integration and testing of EDMs.			
<b>FY 2013 Plans:</b> Continue integration and testing.			
<b>Title:</b> EW RCIP	-	3.647	8.898
<b>Articles:</b>		0	0

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011	FY 2012	FY 2013		
FY 2012 Plans: Award E&MD contract for RCIP #1. Identify and prioritize capability gaps in support of release of Request for Information/Request for Proposal (RFI/RFP) for future (RCIP #2) RCIP candidates.											
FY 2013 Plans: Continue E&MD of EW RCIP #1. Award E&MD contract for RCIP #2. Identify and prioritize capability gaps in support of release of RFI/RFP for future (RCIP #3) RCIP candidates.											
Title: V(4) Electronic Surveillance Enhancements (ESE)  Articles:  FY 2011 Accomplishments: Completed development of V(4) ESE upgrade and took delivery of EDMs.  FY 2012 Plans: Conduct At-Sea testing. Analyze and correct deficiencies.							6.432 0	1.624 0	-  		
Title: Shipboard Integration  Articles:  FY 2011 Accomplishments: Continued development to use and integrate ES controls and data between ALQ210 (on the MH60R) and AN/SLQ-32.  FY 2012 Plans: Continue development of capability to use and integrate ES controls and data between ALQ210 (on the MH60R) and AN/SLQ-32.  FY 2013 Plans: Continue development of capability to use and integrate ES controls and data between ALQ210 (on the MH60R) and AN/SLQ-32.							2.050 0	3.130 0	3.190 0		
Accomplishments/Planned Programs Subtotals							13.200	18.438	18.494		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• 0204228N/2312: OPN BA-2 AN/SLQ-32(V)	23.131	39.902	92.270	0.000	92.270	200.617	277.028	352.376	357.611	Continuing	Continuing

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 0954: Shipboard EW Improvement Program			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• 24575N & 72827N/1C2C: OMN BA-1 AN/SLQ-32(V)	7.887	10.444	7.698	0.000	7.698	8.706	8.645	8.975	9.800	Continuing	Continuing
D. Acquisition Strategy											
SEWIP will develop Block upgrades to SLQ-32 based on integrating technology advances and adding functional capabilities in an incremental fashion. Each Block and Sub-Block will be developed and contracted in an individual yet coordinated and overlapping fashion.											
E. Performance Metrics											
Successfully complete 1B3 Operational Assessment prior to Milestone (MS) C. Successfully achieve Block 1B3 Milestone C / Low Rate Initial Production (LRIP) Decision Review (DR). Successfully complete Block 1B3 Operational Evaluation (OPEVAL). Successfully achieve Block 1B3 Full Rate Production (FRP) DR.  Successfully identify RCIP capabilities. Successfully identify and assess RCIP Science & Technology candidates. Award E&MD contract for RCIP #1. Successfully demonstrate and validate RCIP capabilities.											

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy** **DATE:** February 2012

<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	<b>PROJECT</b> 0954: Shipboard EW Improvement Program
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Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Ancillary Hardware Development	Various	Various:Various	151.420	-		-		-		-	0.000	151.420	
ESE Development	SS/CPFF	Northrop Grumman:Goleta, CA	12.415	0.205	Jan 2012	-		-		-	0.000	12.620	
ICAD Development	SS/CPFF	GD-AIS:Fairfax, VA	11.747	-		-		-		-	0.000	11.747	
ESE Development (Block 1A)	SS/CPFF	Northrop Grumman:Goleta, CA	0.471	-		-		-		-	0.000	0.471	
System Integrator	C/CPAF	GD-AIS:Fairfax, VA	13.798	-		-		-		-	0.000	13.798	
1B Development	SS/CPFF	GD-AIS:Fairfax, VA	82.231	1.801	Dec 2011	1.832	Nov 2012	-		1.832	Continuing	Continuing	Continuing
Q-70 Mods	C/CPFF	LM-EAGAN:Eagan, MN	3.491	-		-		-		-	0.000	3.491	
Block 2 Study/Development	C/CPFF	BAE:Nashua, NH	0.336	-		-		-		-	0.000	0.336	
Rapid Capability Insertion Process	TBD	TBD:TBD	-	3.637	Jun 2012	5.206	Nov 2012	-		5.206	Continuing	Continuing	Continuing
ALQ210 Integration	WR	NSWC Dahlgren:Dahlgren, VA	4.050	3.130	Nov 2011	3.190	Nov 2012	-		3.190	Continuing	Continuing	Continuing
<b>Subtotal</b>			279.959	8.773		10.228		-		10.228			

**Remarks**

Ancillary Hardware Development included several contractors from the original development of the SLQ-32 system. This line has been left on the exhibit to track Prior year costs of this PU.  
Product Development for RCIP is in a competitive status.

Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 1 Integrated Logistics Support	WR	NSWC Crane, DD, NRL, APL:Crane, IN; Dahlgren, VA; Washington, DC; Laurel,MD	9.912	-		-		-		-	0.000	9.912	

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1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				0954: Shipboard EW Improvement Program					
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 1 Integrated Logistics Support	WR	NSWC Crane:Crane, IN	1.099	0.910	Nov 2011	0.234	Nov 2012	-		0.234	Continuing	Continuing	Continuing
Block 1 Integrated Logistics Support	WR	NSWC DD:Dahlgren, VA	0.293	-	Nov 2011	-		-		-	0.000	0.293	
Block 1 Government Engineering Support	WR	NSWC Crane, DD, NRL, APL:Crane, IN; Dahlgren, VA; Washington, DC; Laurel,MD	34.783	-		-		-		-	0.000	34.783	
Block 1 Government Engineering Support	WR	NSWC Dahlgren:Dahlgren, VA	0.579	0.947	Dec 2011	0.901	Nov 2012	-		0.901	Continuing	Continuing	Continuing
Block 1 Government Engineering Support	WR	NSWC Crane:Crane, IN	0.606	1.269	Nov 2011	0.672	Nov 2012	-		0.672	Continuing	Continuing	Continuing
Block 1 Government Engineering Support	WR	NRL:Washington, DC	0.602	0.615	Dec 2011	0.569	Nov 2012	-		0.569	Continuing	Continuing	Continuing
Block 1 Government Engineering Support	SS/CPFF	APL:Laurel, MD	-	0.447	Dec 2011	0.659	Nov 2012	-		0.659	Continuing	Continuing	Continuing
Block 1 SIPRNET Access	WR	ARL:Adelphi, MD	0.046	0.092	Nov 2011	-		-		-	Continuing	Continuing	Continuing
Block 2 Integrated Logistics Support	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	0.540	-		-		-		-	0.000	0.540	
Block 2 Government Engineering Support	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	2.496	-		-		-		-	0.000	2.496	
Subtotal			50.956	4.280		3.035		-		3.035			

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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT						
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				0954: Shipboard EW Improvement Program						
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Block 1 Integration and Test	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	0.853	-		-		-		-	0.000	0.853		
Developmental Test & Evaluation	Various	Various:Various	8.958	-		-		-		-	0.000	8.958		
Block 1A Test Planning/T&E Events	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	11.036	-		-		-		-	0.000	11.036		
Block 1B Test Planning/T&E Events	WR	NSWC Crane, DD, NRL, NAVAIR, OPTEVFOR, NSWC PHD:Crane, IN; Dahlgren, VA; Washington, DC; MD; CA	9.567	-		-		-		-	0.000	9.567		
Block 1B Test Planning/T&E Events	WR	NSWC Dahlgren:Dahlgren, VA	0.291	0.497	Dec 2011	0.220	Nov 2012	-		0.220	Continuing	Continuing	Continuing	
Block 1B Test Planning/T&E Events	WR	NSWC Crane:Crane, IN	0.285	1.086	Nov 2011	0.535	Nov 2012	-		0.535	Continuing	Continuing	Continuing	
Block 1B Test Planning/T&E Events	WR	NRL:Washington, DC	0.520	1.105	Dec 2011	1.767	Nov 2012	-		1.767	Continuing	Continuing	Continuing	
Block 1B Test Planning/T&E Events	WR	OPTEVFOR:Norfolk, VA	0.039	0.110	Dec 2011	0.100	Nov 2012	-		0.100	Continuing	Continuing	Continuing	
Block 1B Test Planning/T&E Events	WR	JITC:Indian Head, MD	-	0.081	Nov 2011	0.083	Nov 2012	-		0.083	Continuing	Continuing	Continuing	
(V)4 ESE Test Planning/T&E Events	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	0.686	-		-		-		-	0.000	0.686		
(V)4 ESE Test Planning/T&E Events	WR	NSWC Dahlgren:Dahlgren, VA	0.519	0.090	Dec 2011	-		-		-	0.000	0.609		



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1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				0954: Shipboard EW Improvement Program					
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
(V)4 ESE Test Planning/T&E Events	WR	NSWC Crane:Crane, IN	0.815	0.221	Nov 2011	-		-		-	0.000	1.036	
(V)4 ESE Test Planning/T&E Events	WR	NRL:Washington, DC	1.348	0.240	Dec 2011	-		-		-	0.000	1.588	
(V)4 ESE Test Planning/T&E Events	WR	OPTEVFOR:Norfolk, VA	0.092	0.050	Dec 2011	-		-		-	0.000	0.142	
RCIP Test Planning/T&E Events	WR	NSWC Dahlgren:Dahlgren, VA	-	-		0.368	Nov 2012	-		0.368	Continuing	Continuing	Continuing
RCIP Test Planning/T&E Events	WR	NSWC Crane:Crane, IN	-	0.030	Nov 2011	0.357	Nov 2012	-		0.357	Continuing	Continuing	Continuing
RCIP Test Planning/T&E Events	WR	NRL:Washington, DC	-	-		0.391	Nov 2012	-		0.391	Continuing	Continuing	Continuing
Block 2 Test Planning/T&E Events	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	0.941	-		-		-		-	0.000	0.941	
Subtotal			35.950	3.510		3.821		-		3.821			
Remarks													
Development Test & Evaluation included several activities from the original development of the SLQ-32 system. This line has been left on the exhibit to track Prior year costs of this PU.													
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 1 Program Management	C/CPIF	SPA (SEAPORT):Washington, D.C.	29.166	1.258	Nov 2011	0.473	Nov 2012	-		0.473	Continuing	Continuing	Continuing
Block 1 Program Management Support	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington, DC	17.310	-		-		-		-	0.000	17.310	

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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				0954: Shipboard EW Improvement Program					
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 1 Program Management Support	WR	NSWC Crane:Crane, IN	0.351	0.130	Nov 2011	0.244	Nov 2012	-		0.244	Continuing	Continuing	Continuing
Block 1 Program Management Support	WR	NSWC Dahlgren:Dahlgren, VA	0.442	0.278	Dec 2011	0.237	Nov 2012	-		0.237	Continuing	Continuing	Continuing
Block 1 Program Management Support	WR	NRL:Washington, DC	0.492	0.088	Dec 2011	0.175	Nov 2012	-		0.175	Continuing	Continuing	Continuing
Block 1 Program Management Support	SS/CPFF	APL:Laurel, MD	-	0.021	Dec 2011	0.181	Nov 2012	-		0.181	Continuing	Continuing	Continuing
Block 1 Travel	WR	NAVSEA Program Office Travel:Washington, DC	0.955	0.100	Nov 2011	0.100	Nov 2012	-		0.100	Continuing	Continuing	Continuing
Block 1 DoD Acquisition Workforce Fund	Various	Various:Various	0.126	-		-		-		-	0.000	0.126	
Block 2 Program Managment Support	C/FFP	AT&T Gov't Solutions (SEAPORT):Washington, DC	0.023	-		-		-		-	0.000	0.023	
Block 2 Program Managment Support	WR	NSWC Crane, DD, NRL:Various	0.823	-		-		-		-	0.000	0.823	
Block 2 Travel	WR	NAVSEA Program Office Travel:Washington, DC	0.050	-		-		-		-	0.000	0.050	
Subtotal			49.738	1.875		1.410		-		1.410			
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			416.603	18.438		18.494		-		18.494			
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	PROJECT 0954: Shipboard EW Improvement Program

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Navy		<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 0954: <i>Shipboard EW Improvement Program</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Proj 0954</i></b>				
1B3 HGHS Development & Integration	1	2011	4	2011
V(4) ESE Development & Integration	1	2011	4	2011
ALQ210 Integration	1	2011	1	2014
EW Rapid Capability Insertion Process (RCIP)	1	2012	4	2017
Block 1B3 MS C/LRIP DR	2	2012	2	2012
1B3 FQT & DT/OT	3	2011	4	2013
Block 1B3 TECHEVAL	1	2014	1	2014
Block 1B3 OPEVAL	2	2014	2	2014
Block 1B3 FRP DR	3	2014	3	2014

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 2190: NULKA Decoy			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2190: NULKA Decoy	5.204	3.520	2.352	-	2.352	2.344	5.276	2.221	7.207	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
The Offboard Active Decoy (NULKA) is a joint cooperative program between the United States and Australia that developed an active offboard decoy that utilizes a broadband radio frequency repeater mounted atop a hovering rocket. NULKA is designed to counter a wide variety of present and future radar guided Anti-Ship Missiles (ASMs) by radiating a large radar cross section while flying a ship-like trajectory. The United States developed the electronic payload and fire control system, while Australia developed the hovering rocket. Future efforts involve development of the capability for high value unit protection.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: NULKA Decoy Subsystem  <div>Articles:</div> <b>FY 2011 Accomplishments:</b> NULKA decoy subsystem integration and improvements to include Effectiveness Studies, Engineering Studies, Fly Out Tactics and open architecture transition. <b>FY 2012 Plans:</b> NULKA decoy subsystem integration and improvements to include Effectiveness Studies, Engineering Studies, Fly Out Tactics and open architecture transition. <b>FY 2013 Plans:</b> NULKA decoy subsystem integration and improvements to include Effectiveness Studies, Engineering Studies, Fly Out Tactics and open architecture transition.								2.634	2.020	2.352	
								0	0	0	
Title: NULKA Decoy Enhancements  <div>Articles:</div> <b>FY 2011 Accomplishments:</b> Conducted design and development efforts aimed at increasing the interoperability between NULKA and emerging surface ship radars.								0.300	-	-	
								0			
Title: NULKA Software  <div>Articles:</div> <b>Description:</b>								2.270	1.500	-	
								0	0		

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Navy								<b>DATE:</b> February 2012			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>				<b>PROJECT</b> 2190: <i>NULKA Decoy</i>			
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>								<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>	
<b>FY 2011 Accomplishments:</b> Continued upgrade of Launching System software to provide CVN protection capability.											
<b>FY 2012 Plans:</b> Complete upgrade of Launching System software to provide CVN protection capability.											
<b>Accomplishments/Planned Programs Subtotals</b>								5.204	3.520	2.352	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPN/5530: <i>Anti-Ship Missile Decoy System</i>	36.389	32.716	31.743	0.000	31.743	30.869	65.037	66.741	65.878	Continuing	Continuing
• OMN/12CR0 (1C2C): <i>Nulka</i>	6.482	6.126	5.205	0.000	5.205	6.260	6.456	6.715	7.407	Continuing	Continuing
<b>D. Acquisition Strategy</b> NULKA is a joint cooperative program between United States and Australia in full rate production.											
<b>E. Performance Metrics</b> Successfully complete Critical Design Review (CDR) for MK 53 Decoy Launch System (DLS) upgrade for CVN class. Successfully complete first-of-class testing of MK 53 DLS upgrade for CVN. Successfully complete Decoy Launch Processor (DLP) software version 6_5 Beta 1 for CVN 68 ship class.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT						
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				2190: NULKA Decoy						
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Primary Hardware Development	WR	Lockheed Martin:Sippican, MA	6.692	-		-		-		-	0.000	6.692		
Primary Hardware Development	MIPR	BAE Systems:Australia	7.092	-		-		-		-	0.000	7.092		
Systems Engineering	WR	NRL:Washington, DC	15.277	1.500	Nov 2011	0.986	Nov 2012	-		0.986	Continuing	Continuing	Continuing	
Systems Engineering	WR	NWAD:China Lake, CA	0.120	-		-		-		-	0.000	0.120		
MK 53 System Eng Changes	C/FFP	Sechan:PA	0.150	-		-		-		-	0.000	0.150		
Systems Engineering	WR	NSWC Dahlgren:Dahlgren, VA	4.953	1.495	Nov 2011	0.929	Nov 2012	-		0.929	Continuing	Continuing	Continuing	
Systems Engineering	WR	NSMA:VA	0.360	-		-		-		-	0.000	0.360		
Systems Engineering	WR	NSWC Crane:IN	5.211	0.245	Nov 2011	0.200	Nov 2012	-		0.200	Continuing	Continuing	Continuing	
Subtotal			39.855	3.240		2.115		-		2.115				
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Development Support	WR	NRL:Washington, DC	1.314	-		-		-		-	0.000	1.314		
Software Development	WR	NSWC Dahlgren:Dahlgren, VA	2.497	-		-		-		-	0.000	2.497		
Subtotal			3.811	-		-		-		-	0.000	3.811		
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Developmental Test & Evaluation	WR	NSWC Dahlgren:Dahlgren, VA	0.700	-		-		-		-	0.000	0.700		
Developmental Test & Evaluation	WR	NRL:Washington, DC	1.181	-		-		-		-	0.000	1.181		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				2190: NULKA Decoy					
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Assets	WR	NRL:Washington, DC	0.701	-		-		-		-	0.000	0.701	
Test Support	WR	OPTEVFOR:Norfolk, VA	0.050	-		-		-		-	Continuing	Continuing	Continuing
Test Support	WR	BAE Systems:Australia	0.050	-		-		-		-	0.000	0.050	
Subtotal			2.682	-		-		-		-			
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPIF	SPA (SEAPORT)::Washington, DC	0.825	0.250	Nov 2011	0.213	Nov 2012	-		0.213	Continuing	Continuing	Continuing
Program Management Support	C/FFP	AT&T Gov't Solutions (SEAPORT)::Washington, DC	1.147	-		-		-		-	0.000	1.147	
Travel	WR	NAVSEA Program Office Travel:Washington, DC	0.541	0.030	Jan 2012	0.024	Nov 2012	-		0.024	Continuing	Continuing	Continuing
DoD Acquisition Workforce Fund (DAWDF)	Various	Various:Various	0.015	-		-		-		-	0.000	0.015	
Subtotal			2.528	0.280		0.237		-		0.237			
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			48.876	3.520		2.352		-		2.352			
Remarks													



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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 2190: <i>NULKA Decoy</i>
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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Navy		<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 2190: <i>NULKA Decoy</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Proj 2190</i></b>				
CVN DLP SOFTWARE	1	2011	2	2012
CVN CLASS DT	1	2014	1	2014
LHA 6 INSTALL CERTIFICATION	3	2014	3	2014

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Navy										<b>DATE:</b> February 2012	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>				<b>PROJECT</b> 3227: <i>SEWIP Block 2</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3227: <i>SEWIP Block 2</i>	57.389	43.894	29.937	-	29.937	3.089	0.744	0.676	0.691	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**  
The SEWIP Block 2 program is developing an upgraded antenna, receiver, and combat system interface for SLQ-32. The upgrades are necessary in order to pace the threat, improving detection, accuracy, and mitigation of EMI.

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
<b>Title:</b> SEWIP Block 2  <div style="text-align: right; padding-right: 20px;"><b>Articles:</b></div>	57.389 0	43.894 0	29.937 0
<b>FY 2011 Accomplishments:</b> Continued E&MD of SEWIP Block 2. Commence integrated testing. Completed Critical Decision Review (CDR). Completed Long Lead Material Gate 6 Decision Review.			
<b>FY 2012 Plans:</b> Continue E&MD of SEWIP Block 2. Continue integrated testing.			
<b>FY 2013 Plans:</b> Continue E&MD of SEWIP Block 2. Complete integrated testing. Commence At Sea Testing.			
<b>Accomplishments/Planned Programs Subtotals</b>			
	57.389	43.894	29.937

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• 0204228N/2312: <i>OPN BA-2 AN/ SLQ-32(V)</i>	23.131	39.902	92.270	0.000	92.270	200.617	277.028	352.376	357.611	Continuing	Continuing
• 0204575N/1C2C: <i>OMN BA-1 AN/ SLQ-32(V)6</i>	0.000	0.000	1.442	0.000	1.442	3.066	6.789	8.037	14.702	Continuing	Continuing

**D. Acquisition Strategy**  
SEWIP will develop Block upgrades to SLQ-32 based on integrating technology advances and adding functional capabilities in an incremental fashion. Each Block and Sub-Block will be developed and contracted in an individual yet coordinated and overlapping fashion.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/</i> <i>EW)</i>	<b>PROJECT</b> 3227: <i>SEWIP Block 2</i>
<b>E. Performance Metrics</b> Successfully achieve Block 2 MS C / LRIP DR. Successfully complete Block 2 Initial Operational Test & Evaluation (IOT&E). Successfully achieve Block 2 Full Rate Production (FRP) DR.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 3227: SEWIP Block 2					
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 2 E&MD	C/CPIF	Lockheed Martin:Syracuse, NY	64.944	21.416	Nov 2011	8.434	Nov 2012	-		8.434	Continuing	Continuing	Continuing
Block 2 Preliminary Development	C/CPIF	Lockheed Martin:Syracuse, NY	17.211	-		-		-		-	0.000	17.211	
Block 2 SEWTT Development	SS/CPFF	EWA-GSI:Fairmont, WV	-	0.750	Dec 2011	0.500	Nov 2012	-		0.500	Continuing	Continuing	Continuing
Block 2 SEWTT Development	WR	NSWC Crane:Crane, IN	-	0.047	Nov 2011	-		-		-	Continuing	Continuing	Continuing
Subtotal			82.155	22.213		8.934		-		8.934			
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 2 Integrated Logistics Support	WR	NSWC Crane, DD, NRL, APL:Crane, IN; Dahlgren, VA; Washington DC; Laurel, MD	0.769	-		-		-		-	0.000	0.769	
Block 2 Integrated Logistics Support	WR	NSWC Crane:Crane, IN	2.175	1.069	Nov 2011	1.067	Nov 2012	-		1.067	Continuing	Continuing	Continuing
Block 2 Government Engineering Support	WR	NSWC Crane, DD, NRL, APL:Crane, IN; Dahlgren, VA; Washington DC; Laurel, MD	12.214	-		-		-		-	0.000	12.214	
Block 2 Government Engineering Support	WR	NSWC Dahlgren:Dahlgren, VA	4.767	5.055	Nov 2011	6.958	Nov 2012	-		6.958	Continuing	Continuing	Continuing
Block 2 Government Engineering Support	WR	NSWC Crane:Crane, IN	2.369	3.311	Nov 2011	0.402	Nov 2012	-		0.402	Continuing	Continuing	Continuing
Block 2 Government Engineering Support	WR	NRL:Washington, DC	2.038	1.187	Dec 2011	-		-		-	Continuing	Continuing	Continuing
Block 2 Government Engineering Support	SS/CPFF	APL:Laurel, MD	2.320	2.411	Dec 2011	-		-		-	Continuing	Continuing	Continuing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				3227: SEWIP Block 2					
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			26.652	13.033		8.427		-		8.427			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 2 Test Planning/T&E Events	WR	NSWC Crane, DD, NRL:Crane, IN; Dahlgren, VA; Washington DC;	1.582	-		-		-		-	0.000	1.582	
Block 2 Test Planning/T&E Events	WR	NSWC Crane:Crane, IN	0.827	1.471	Nov 2011	2.346	Nov 2012	-		2.346	Continuing	Continuing	Continuing
Block 2 Test Planning/T&E Events	WR	NSWC Dahlgren:Dahlgren, VA	0.292	0.975	Nov 2011	2.182	Nov 2012	-		2.182	Continuing	Continuing	Continuing
Block 2 Test Planning/T&E Events	WR	NRL:Washington, DC	1.418	1.720	Dec 2011	3.590	Nov 2012	-		3.590	Continuing	Continuing	Continuing
Block 2 Test Planning/T&E Events	WR	Surface Combat Systems Center:Wallops Island, VA	-	0.420	Jan 2012	0.870	Nov 2012	-		0.870	Continuing	Continuing	Continuing
Subtotal			4.119	4.586		8.988		-		8.988			
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 2 Program Management Support	C/CPIF	SPA (SEAPORT):Washington, DC	3.505	2.240	Nov 2011	1.819	Nov 2012	-		1.819	Continuing	Continuing	Continuing
Block 2 Program Management Support	WR	NSWC Crane, DD, PHD, NRL:Crane, IN;	15.069	-		-		-		-	0.000	15.069	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 3227: SEWIP Block 2					
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Dahlgren, VA; PHD CA; Washington DC;											
Block 2 Program Management Support	WR	NSWC Dahlgren:Dahlgren, VA	0.549	0.780	Nov 2011	0.575	Nov 2012	-		0.575	Continuing	Continuing	Continuing
Block 2 Program Management Support	WR	NSWC Crane:Crane, IN	0.947	0.241	Nov 2011	0.349	Nov 2012	-		0.349	Continuing	Continuing	Continuing
Block 2 Program Management Support	WR	NRL:Washington, DC	0.243	0.206	Dec 2011	0.154	Nov 2012	-		0.154	Continuing	Continuing	Continuing
Block 2 Program Management Support	MIPR	Navy Post GraduateSchool:Monterey, CA	0.174	-		-		-		-	0.000	0.174	
Block 2 Program Management Support	SS/CPFF	APL:Laurel, MD	1.149	0.445	Dec 2011	0.541	Nov 2012	-		0.541	Continuing	Continuing	Continuing
Block 2 Program Management	WR	NSWC PHD:Port Hueneme, CA	0.061	-		-		-		-	0.000	0.061	
Block 2 Travel	WR	NAVSEA Program Office Travel:Washington, DC	0.354	0.150	Nov 2011	0.150	Nov 2012	-		0.150	Continuing	Continuing	Continuing
Block 2 DoD Acquisition Workforce Fund	Various	Various:Various	0.137	-		-		-		-	0.000	0.137	
Subtotal			22.188	4.062		3.588		-		3.588			
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			135.114	43.894		29.937		-		29.937			
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	<b>PROJECT</b> 3227: SEWIP Block 2
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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Navy			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3227: <i>SEWIP Block 2</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Proj 3227</i></b>				
Block 2 New Receiver/Antenna/Interface Development	1	2011	2	2014
Block 2 FQT/OA	2	2012	3	2012
Block 2 MS C/LRIP DR	4	2012	4	2012
Block 2 Gov't LBT	4	2012	4	2013
Block 2 TECHEVAL	1	2014	1	2014
Block 2 IOT&E	2	2014	2	2014
Block 2 FRP DR	3	2014	3	2014

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 3316: Advanced Offboard EW			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3316: Advanced Offboard EW	-	22.967	23.211	-	23.211	23.793	72.341	66.058	72.546	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
Note This project is a new start in FY 2012. RRE (Rapid Response Effort) is a new acronym for this submit, but it is not a new effort. RRE replaces DLF-3 development acronym in previous submissions. DDE (Decoy Development Effort) is a new acronym for this submit, but it is not a new effort. DDE replaces SPICE acronym in previous submissions.											
A. Mission Description and Budget Item Justification 3316 - The Advanced Offboard EW (AOEW) program will develop and evaluate long duration off-board decoys to counter identified EW gaps (additional details classified) in response to an urgent operational need from the Fleet that has been approved by the CNO for execution. Currently no counter to the threat exists. The program consists of two efforts: a Rapid Response Effort (RRE) to provide an initial, limited interim, decoy capability to the Fleet by 2014 and a full scale Decoy Development Effort (DDE) culminating in the delivery of a fully supported, full capability system. The RRE (FY12-FY13) consists of the evaluation and integration of commercially available decoys. The full scale DDE (commencing in FY12) concerns the development and evaluation of a long duration, active electronic offboard decoy system (vehicle and payload), integrated with onboard systems for EW coordination, and fully able to counter the threat.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: AOEW - Decoy Development Effort (DDE)  Articles:  FY 2012 Plans: Conduct Analysis of Alternatives, conduct systems concept design and feasibility studies, develop concepts of operation and to begin derive systems requirements, interoperability analysis, systems integration studies, combat systems integration, conduct modeling and simulation, and acquisition documentation.  FY 2013 Plans: Complete Analysis of Alternatives. Conduct engineering studies, continue to develop concepts of operation and systems requirements, continue interoperability analysis, continue systems integration studies, continue combat systems integration, conduct modeling and simulation, and continue acquisition documentation.								-	10.700 0	19.767 0	
Title: AOEW - Rapid Response Effort (RRE)  Articles:  FY 2012 Plans:								-	12.267 0	3.444 0	

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Navy							<b>DATE:</b> February 2012				
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>			<b>PROJECT</b> 3316: <i>Advanced Offboard EW</i>				
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>							<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>		
Procure commercially available decoy assets for evaluation. Begin integration and testing of decoy capability.											
<b>FY 2013 Plans:</b> Complete evaluation, integration, and testing of decoy capability.											
<b>Accomplishments/Planned Programs Subtotals</b>							-	22.967	23.211		
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• OPN/5530: <i>Anti-Ship Missile Decoy System</i>	36.389	32.716	31.743	0.000	31.743	30.869	65.037	66.741	65.878	Continuing	Continuing
<b>D. Acquisition Strategy</b> The AOEW DDE will be competitively contracted and developed, and builds on technologies and concepts currently in development by ONR. For the RRE, commercially available decoys will be procured for evaluation, integration and testing.											
<b>E. Performance Metrics</b> For the DDE, successfully complete Analysis of Alternatives. For the RRE, successfully complete evaluation, integration, and testing of commercially available decoys.											

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy** **DATE:** February 2012

<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	<b>PROJECT</b> 3316: Advanced Offboard EW
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Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Analysis of Alternatives	WR	ONR:Arlington, VA	-	1.000	Jan 2012	0.300	Nov 2012	-		0.300	Continuing	Continuing	Continuing
Concept Analysis and Integration Assessment	SS/CPFF	APL:Laurel, MD	-	0.750	Jan 2012	1.300	Nov 2012	-		1.300	Continuing	Continuing	Continuing
Concept Development and Technology Studies	WR	NRL:Washington, D.C.	-	3.850	Jan 2012	3.952	Nov 2012	-		3.952	Continuing	Continuing	Continuing
Technology Development and Systems Requirements	WR	NSWC Dahlgren:Dahlgren, VA	-	0.550	Jan 2012	3.100	Nov 2012	-		3.100	Continuing	Continuing	Continuing
Systems Requirements and Integration Studies	WR	NSWC Crane:Crane, IN	-	2.715	Jan 2012	1.200	Nov 2012	-		1.200	Continuing	Continuing	Continuing
RRE Hardware Development	C/CPIF	TBD:Not Specified	-	5.600	Jul 2012	-		-		-	Continuing	Continuing	Continuing
<b>Subtotal</b>			-	14.465		9.852		-		9.852			

**Remarks**

This is a new program beginning in FY12. Contract Type and Performing Activity for Prime Contractor are TBD.

Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Development Support	WR	NRL:Washington, DC	-	3.035	Jan 2012	2.500	Nov 2012	-		2.500	Continuing	Continuing	Continuing
Government Development and Engineering Support	WR	NSWC Dahlgren:Dahlgren, VA	-	1.150	Jan 2012	3.000	Nov 2012	-		3.000	Continuing	Continuing	Continuing
Government Engineering Support	WR	NSWC Crane:Crane, IN	-	1.385	Jan 2012	5.284	Nov 2012	-		5.284	Continuing	Continuing	Continuing
<b>Subtotal</b>			-	5.570		10.784		-		10.784			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012				
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)					PROJECT 3316: Advanced Offboard EW				
Test and Evaluation (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Test Planning and Development Testing	WR	NRL:Washington, DC	-	1.424	Jan 2012	0.450	Nov 2012	-		0.450	Continuing	Continuing	Continuing	
Test and Evaluation Plan	WR	NSWC/ Dahlgren:Dahlgren, VA	-	0.100	Jan 2012	0.450	Nov 2012	-		0.450	Continuing	Continuing	Continuing	
Test and Evaluation Plan	WR	NSWC Crane:Crane, IN	-	0.200	Jan 2012	0.450	Nov 2012	-		0.450	Continuing	Continuing	Continuing	
Subtotal			-	1.724		1.350		-		1.350				
Management Services (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Program Management Support	C/CPIF	SPA (SEAPORT):Washington, DC	-	1.148	Jan 2012	1.030	Nov 2012	-		1.030	Continuing	Continuing	Continuing	
Travel	WR	NAVSEA Program Office Travel:Washington, DC	-	0.060	Jan 2012	0.195	Nov 2012	-		0.195	Continuing	Continuing	Continuing	
Subtotal			-	1.208		1.225		-		1.225				
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			-	22.967		23.211		-		23.211				
Remarks														

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3316: <i>Advanced Offboard EW</i>
Empty content area for the schedule profile		

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Navy		<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3316: <i>Advanced Offboard EW</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Proj 3316</i></b>				
RRE Integration	2	2012	4	2013
DDE Analysis of Alternatives	2	2012	3	2013
DDE System Development	2	2012	4	2017
DDE System Integration	2	2012	4	2017
RRE Test	3	2012	4	2013

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 3321.: SEWIP Block 3			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3321.: SEWIP Block 3	14.691	95.268	77.495	-	77.495	124.063	83.253	44.197	45.046	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
SEWIP Block 3 will continue to expand the integrated shipboard combat system by providing a new integrated Electronic Attack (EA) transmitter, array, and associated EA techniques to enhance surface EW capability for legacy and new-construction platforms. EA capability enhancements are required in order to pace the anti-ship missile threat. SEWIP Block 3 will leverage the transition technology demonstrated by ONR's INTOP program. The program builds on the EW Support (ES) capability delivered by SEWIP Blocks 1 and 2.											
SEWIP Block 3 also includes the modification, ruggedization, and evaluation of the Naval Research Lab (NRL) developed Transportable EW Module (TEWM) system. This program answers an urgent operational need for the Fleet to provide an initial, limited interim capability by 2014. (Speed to Fleet) The Transportable Electronic Warfare Module (TEWM) is a compact advanced Electronic Warfare (EW) system capable of engaging a wide range of anti-ship missile seekers. Item 3321 TEWM Speed to the Fleet provides the resources to refine and accelerate the design and make it suitable for operational shipboard application. It also implements a Navy link-16 network command protocol efficiently allowing use on broad class of ships.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: SEWIP Block 3  Articles:  FY 2011 Accomplishments: Commenced acquisition documentation, engineering analysis, and requirements formulation for SEWIP Block 3 and TEWM. Commenced TEWM development.  FY 2012 Plans: MS B preparation; including System Engineering, Technology Readiness Assessment (TRA), and acquisition documentation.  FY 2013 Plans: Complete MS B preparation and acquisition documentation. Continue Systems Engineering.								14.691	23.039	12.906	
								0	0	0	
Title: SEWIP Block 3 Development  Articles:  FY 2013 Plans: Commence Engineering and Manufacturing Development (E&MD).								-	-	40.098	
										0	
Title: SEWIP Block 3 ADM design								-	14.224	-	



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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	PROJECT 3321.: SEWIP Block 3		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Articles:			0	
FY 2012 Plans: Non-recurring Hardware Design of the INTOP ADM Integration and Test.				
Title: SEWIP Block 3 ADM Hardware & Software		-	12.780	-
Articles:			0	
FY 2012 Plans: Hardware and Software prototyping of the INTOP ADM, including Design, Code, and Unit Test				
Title: SEWIP Block 3 ADM Integration and Test		-	13.225	-
Articles:			0	
FY 2012 Plans: SEWIP Block 3 INTOP ADM Integration and Test				
Title: TEWM Development		-	25.910	16.599
Articles:			0	0
FY 2012 Plans: Commence development of modifications to the TEWM system.				
FY 2013 Plans: Continue development of modifications to the TEWM system.				
Title: TEWM Test Planning		-	0.480	0.308
Articles:			0	0
FY 2012 Plans: Commence TEWM test planning and coordination.				
FY 2013 Plans: Continue TEWM test planning and coordination.				
Title: TEWM Test Assets		-	4.250	2.686
Articles:			0	0
FY 2012 Plans: TEWM Simulator and Radar test platform support.				
FY 2013 Plans:				

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy										DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)				PROJECT 3321.: SEWIP Block 3				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2011	FY 2012	FY 2013
Continue TEWM Simulator and Radar test platform support.												
Title: TEWM Development & Management Support										-	1.360	0.907
Articles:											0	0
FY 2012 Plans: TEWM Development and Program Management Support.												
FY 2013 Plans: Continue TEWM Development and Program Management Support.												
Title: Speed to Fleet- Transportable Electronic Warfare Module (TEWM)										-	-	3.991
Articles:												0
FY 2013 Plans: - Refine design shortfalls based on operator feedback and FY 2012 test results. - Conduct local field testing of all improvements design, and complete production drawings. - In preparation for final validation testing in FY 2014, Produce 2 units of the FY 2013 design.												
Accomplishments/Planned Programs Subtotals										14.691	95.268	77.495
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost	
• 0204228N/2312: AN/SLQ-32	23.131	39.902	92.270	0.000	92.270	200.617	277.028	352.376	357.611	Continuing	Continuing	
D. Acquisition Strategy												
SEWIP will develop block upgrades to SLQ-32 based on integrating technology advances and adding functional capabilities in an incremental fashion. Each block and sub-block will be developed and contracted in an individual yet coordinated and overlapping fashion. Specifically, SEWIP Block 3 involves the transitioning and leveraging work performed under the INTOP program sponsored by ONR, which focused on designing/architecting an integrated Electronic Attack (EA), Information Operations (IO), and Line of Site (LOS) Comms system for Naval Surface Platforms. SEWIP Block 3 also leverages work performed under the TEWM program that is sponsored by NRL that focuses on analysis technique development and active engagement analysis/modeling for Naval surface combatants. (Speed to Fleet) TEWM s a non-acquisition development and demonstration program to rapidly deliver advanced counter terminal EW capability in a transportable form factor for Fleet application. The unit developed under this Speed to Fleet project provides a rapidly deployable capability. Multiple copies of the first articles can be rapidly replicated depending on operational needs.												
E. Performance Metrics												
Successfully achieve Block 3 Milestone B.												

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/</i> <i>EW)</i>	<b>PROJECT</b> 3321.: <i>SEWIP Block 3</i>
Successfully achieve Block 3 MS C / LRIP DR. Successfully complete TEWM modifications Successfully complete TEWM integration and testing (Speed to Fleet) Both laboratory and at sea testing against captive carry simulators will be used to evaluate the performance of the system. The same captive carry resources typically used by Operational Test and Evaluation Force (OPTEVFOR) will be used to assure a meaningful effectiveness assessment.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012				
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)					PROJECT 3321.: SEWIP Block 3				
Product Development (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Block 3 Technology Demonstration	SS/CPFF	Northrop Grumman: Linthicum, MD:Raytheon: Tewksbury, MA	-	39.929	Dec 2011	-		-		-	0.000	39.929		
TEWM Primary Hardware Development	C/CPFF	ITT Exelis:Alexandria, VA	-	25.910	Feb 2012	16.599	Nov 2012	-		16.599	Continuing	Continuing	Continuing	
Block 3 E&MD	TBD	TBD:TBD	-	-		38.598	Feb 2013	-		38.598	Continuing	Continuing	Continuing	
Block 3 SEWTT Development	SS/CPFF	EWA-GSI:Fairmont, WV	0.100	0.500	Dec 2011	1.500	Nov 2012	-		1.500	Continuing	Continuing	Continuing	
Subtotal			0.100	66.339		56.697		-		56.697				
Remarks														
TEWM is a new development effort beginning in FY12. Contract Type and Performing Activity for Prime Contractor is TBD. Block 3 E&MD contract will be competed and contractor name and location will be added upon contract award.														
Support (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Block 3 Integrated Logistics Support	WR	NSWC Crane:Crane, IN	0.391	2.383	Nov 2011	0.861	Nov 2012	-		0.861	Continuing	Continuing	Continuing	
Block 3 Government Engineering Support	WR	NSWC Dahlgren:Dahlgren, VA	0.578	2.392	Nov 2011	0.784	Nov 2012	-		0.784	Continuing	Continuing	Continuing	
Block 3 Government Engineering Support	WR	NSWC Crane:Crane, IN	0.087	0.874	Nov 2011	0.385	Nov 2012	-		0.385	Continuing	Continuing	Continuing	
Block 3 Government Engineering Support	WR	NRL:Washington, DC	2.110	4.367	Dec 2011	2.189	Nov 2012	-		2.189	Continuing	Continuing	Continuing	
Block 3 Government Engineering Support	SS/CPFF	APL:Laurel, MD	0.711	2.465	Dec 2011	1.807	Nov 2012	-		1.807	Continuing	Continuing	Continuing	
TEWM Development Support	WR	NRL:Washington, DC	9.000	1.260	Dec 2011	0.807	Nov 2012	-		0.807	Continuing	Continuing	Continuing	
Subtotal			12.877	13.741		6.833		-		6.833				

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy** **DATE:** February 2012

<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: Ship Self Def (Engage: Soft Kill/ EW)	<b>PROJECT</b> 3321.: SEWIP Block 3
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Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 3 Test Planning/T&E Events	WR	NSWC Dahlgren:Dahlgren, VA	0.011	1.575	Nov 2011	0.596	Nov 2012	-		0.596	Continuing	Continuing	Continuing
Block 3 Test Planning/T&E Events	WR	NSWC Crane:Crane, IN	0.012	0.961	Nov 2011	0.424	Nov 2012	-		0.424	Continuing	Continuing	Continuing
Block 3 Test Planning/T&E Events	WR	NRL:Washington, DC	0.244	2.307	Dec 2011	1.200	Nov 2012	-		1.200	Continuing	Continuing	Continuing
TEWM Test Planning	WR	NRL:Washington, DC	-	0.480	Dec 2011	0.308	Nov 2012	-		0.308	Continuing	Continuing	Continuing
TEWM Test Assets	WR	NRL:Washington, DC	-	4.250	Feb 2012	2.686	Nov 2012	-		2.686	Continuing	Continuing	Continuing
Developmental Test and Evaluation (Speed to Fleet)	Reqn	NRL:Washington DC	-	-		3.991	Oct 2012	-		3.991	0.000	3.991	Continuing
<b>Subtotal</b>			0.267	9.573		9.205		-		9.205			

**Remarks**

TEWM is a new development effort beginning in FY12. Contract Type and Performing Activity for test assets are TBD.

Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 3 Program Management Suport	C/CPIF	SPA (SEAPORT):Washington, DC	1.228	2.185	Nov 2011	2.188	Nov 2012	-		2.188	Continuing	Continuing	Continuing
Block 3 Program Management Suport	WR	NSWC Dahlgren:Dahlgren, VA	0.029	1.069	Nov 2011	0.723	Nov 2012	-		0.723	Continuing	Continuing	Continuing
Block 3 Program Management Suport	WR	NSWC Crane:Crane, IN	0.044	1.077	Nov 2011	0.728	Nov 2012	-		0.728	Continuing	Continuing	Continuing
Block 3 Program Management Suport	WR	NRL:Washington, DC	0.118	1.084	Dec 2011	0.921	Nov 2012	-		0.921	Continuing	Continuing	Continuing
Block 3 Travel	WR	NAVSEA Program Office:Washington, DC	0.028	0.100	Nov 2011	0.100	Nov 2012	-		0.100	Continuing	Continuing	Continuing

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2013 Navy											<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>				<b>PROJECT</b> 3321.: <i>SEWIP Block 3</i>					

  

Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TEWM Program Management Support	C/CPIF	SPA (SEAPORT):Washington, DC	-	0.100	Nov 2011	0.100	Nov 2012	-		0.100	Continuing	Continuing	Continuing
<b>Subtotal</b>			1.447	5.615		4.760		-		4.760			

  

	Total Prior Years Cost	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	14.691	95.268	77.495	-	77.495			

**Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3321.: <i>SEWIP Block 3</i>
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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3321.: <i>SEWIP Block 3</i>



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Navy		<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604757N: <i>Ship Self Def (Engage: Soft Kill/ EW)</i>	<b>PROJECT</b> 3321.: <i>SEWIP Block 3</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 3321.L24</b>				
Block 3 Engineering & Requirements	3	2011	4	2011
Block 3 Technology Demonstration	1	2012	4	2012
Conduct field testing - complete production drawings (Speed to Fleet): Conduct field testing - complete production drawings (Speed to Fleet)	1	2013	4	2013
TEWM Modification	1	2012	1	2014
Block 3 Engineering and Manufacturing Development (E&MD)	1	2013	2	2016
Provide operator training (Speed to Fleet): Provide operator training (Speed to Fleet)	1	2014	1	2014
Block 3 MS B DR	1	2013	1	2013
TEWM Modification Test	3	2013	1	2014
TEWM Integration Test	4	2013	4	2014
Block 3 Integrated Testing	3	2015	4	2016
Block 3 Operational Assessment	4	2015	4	2015
Block 3 MS C/LRIP DR	2	2016	2	2016