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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>							
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
Total Program Element	907.465	618.684	421.102	-	421.102	269.733	299.211	210.604	199.875	Continuing	Continuing
2696: <i>Multi-Mission Maritime Aircraft</i>	889.634	544.637	341.621	-	341.621	137.053	127.065	29.375	10.820	Continuing	Continuing
3181: <i>P-8A Spiral One Development</i>	3.956	59.832	58.149	-	58.149	54.236	43.325	21.363	-	0.000	240.861
3218: <i>P-8A Spiral 2 Development</i>	1.936	4.215	21.332	-	21.332	78.444	128.821	159.866	189.055	Continuing	Continuing
9999: <i>Congressional Adds</i>	11.939	10.000	-	-	-	-	-	-	-	0.000	21.939

A. Mission Description and Budget Item Justification

The P-8A Multi-mission Maritime Aircraft will replace the aging P-3 aircraft. The P-8A program was initiated in response to the Joint Requirements Oversight Council (JROC) validated Mission Needs Statement, "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance" and the requirements for the program are defined in the P-8A Capability Production Document #791-88-09, validated and approved on 22 June 2009. A successful Critical Design Review was completed in June 2007. In August 2007 the Design Readiness Review was conducted and resulted in approval to obligate funding for the fabrication of the Stage II flight test aircraft. The Interim Program Review (IPR) was completed on 7 April 2009 based on release of Acquisition Decision Memorandum. The first flight of P-8A occurred on 25 Apr 2009. Milestone (MS) C was successfully completed on 11 August 2010.

The primary objectives of SDD are to: perform the system detailed design, develop and produce Systems Integration Labs, develop and build ground and flight test articles, conduct ground and flight tests and prepare for milestones. Ground testing includes the conduct of static testing, fatigue testing and Live Fire Test and Evaluation. Six flight test aircraft have been built during SDD. These test aircraft are grouped into two stages based on which phase of the test program the aircraft will support. SDD Stage I flight test aircraft (FY06/Qty-3) support Integrated Test and Evaluation (IT&E). SDD Stage II flight test aircraft (FY09/Qty-3) support the completion of IT&E and Initial Operational Test and Evaluation (IOT&E) after being updated to the production configuration. The SDD contract includes the development and initial builds of training devices to support IOT&E. The scope of SDD includes activities necessary to facilitate an efficient transition of the fleet to achieve the P-8A Initial Operational Capability (IOC) of Increment 1 in CY13. The scope of SDD also includes the engineering and verification of correction of deficiencies identified in testing. P-8A entered Production and Deployment development phase in the 4th quarter of FY10 after completing MS-C Defense Acquisition Board.

P-8A program is based on an evolutionary acquisition strategy consisting of sequential incremental enhancements to system capabilities that will retain cost-wise effectiveness for winning major combat operations through 2020. In order to pace the threat, Increment 2, the Next Phase of Capabilities, will incorporate the following capabilities into the P-8A: Multi-Static Active Coherent (MAC), Automatic Identification System, Rapid Capabilities Insertion (RCI), updates to the Tactical Operations Center, as well as additional Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASuW) and Intelligence Surveillance and Reconnaissance capabilities as Engineering Change Proposals (ECPs). The scope of this effort includes the integration, design, and test of the capability enhancements to the P-8A and associated TOC ground support facilities and initial trainers. Integration of these capabilities will be accomplished incrementally, based on the scope of the integration effort.

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1319: Research, Development, Test & Evaluation, Navy		PE 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				
BA 5: Development & Demonstration (SDD)						
As part of the P-8A evolutionary acquisition strategy, Increment 3 will incorporate the capabilities defined in the Capability Development Document approved by JROC on 25 June 2010. In order to pace the threat, the Increment 3 will incorporate the following capabilities into the P-8A: MAC, RCI, updates to the TOC, as well as additional ASW, ASuW and Intelligence Surveillance and Reconnaissance capabilities. These capabilities and other emergent capability requirements will be investigated during the Technology Development phase of Increment 3 for the P-8A and Tactical Operations Center (ground support facility).						
B. Program Change Summary (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget		929.240	622.713	334.551	-	334.551
Current President's Budget		907.465	618.684	421.102	-	421.102
Total Adjustments		-21.775	-4.029	86.551	-	86.551
• Congressional General Reductions		-	-0.029			
• Congressional Directed Reductions		-	-14.000			
• Congressional Rescissions		-	-			
• Congressional Adds		-	10.000			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-1.157	-			
• SBIR/STTR Transfer		-27.802	-			
• Program Adjustments		-	-	86.359	-	86.359
• Rate/Misc Adjustments		-	-	0.192	-	0.192
• Congressional General Reductions		-4.816	-	-	-	-
Adjustments						
• Congressional Add Adjustments		12.000	-	-	-	-
Congressional Add Details (\$ in Millions, and Includes General Reductions)						
Project: 9999: Congressional Adds				FY 2011	FY 2012	
Congressional Add: Small Business Technology Insertion				11.939	-	
Congressional Add: MMA SBIR (Cong)				-	10.000	
Congressional Add Subtotals for Project: 9999				11.939	10.000	
Congressional Add Totals for all Projects				11.939	10.000	
Change Summary Explanation						
Technical:						
Schedule:						

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1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>		PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>
<p>Project 2696: Based on current program development Integrated Test & Evaluation extended to 3Q FY13; added Correction of Deficiencies Engineering from 1Q FY13 to 4Q FY15; added Follow-on Test & Evaluation (FOT&E) 1 Verification/Correction of Deficiencies(VCD) from 3Q FY13 to 1Q FY14; and changed FOT&E to FOT&E 2 (VCD); LRIP end date moved to 3Q FY15; AP 3 Contract Award moved from 3Q FY11 to 4Q FY11 and LRIP 2 Contract Award moved from 3Q FY11 to 1Q FY12: Due to the scope changes, S-2 Fatigue Test has been amended to add 3rd Lifetime of Fatigue Test to include Teardown and Inspection, S-2 Fatigue Testing was added to schedule from 2Q FY12 to 4Q FY17.</p> <p>Project 3181: As a result of updated schedule analysis Contract Award Integration/Engineering and Manufacturing Development (EMD) award date moved from 1Q FY12 to 3Q FY12 and Integration/EMD start moved from 1Q FY12 to 3Q FY12 and end was extended to 2Q FY16. The decision to execute the Increment 2 project via Engineering Change Proposals allowed accelerated delivery of some Increment 2 capabilities, subsequently added Operation Test & Evaluation (OT&E)(Early Operational Capability (EOC)), Retrofit Kits contract award moved from 3Q FY14 to 1Q FY14, Kit Deliveries moved from 1Q FY16 to 2Q FY15 and removed Production and Deployment; renamed OT&E to OT&E (IOC) and shifted it to a 2Q FY15 start and 4Q FY15 end.</p> <p>Project 3218: Based on current program profile, MS-A changed from 3Q FY12 to 2Q FY13, MS-B changed from 2Q FY14 to 3Q FY15, Tech Dev Contract Award moved from 3Q FY12 to 3Q FY13, Tech Dev start and end dates shifted 3 qtrs, from 3Q FY12 to 2Q FY13, Preliminary Design Review moved from 3Q FY13 to 1Q FY15: Due to MS-B move from 2Q FY14 to 3Q FY15, System Development and Demonstration EMD moved from 2Q FY14 to 3Q FY15 and Contract Award (EMD) moved from 2Q FY14 to 3Q FY15, CDR moved from 4Q FY15 to 4Q FY16, and IT start moved from 3Q FY16 to 2Q FY17 and was extended to 4Q FY17. Added Engineering Studies starting 4Q FY12 and ending 2Q FY13 and Lab Testing starting 2Q FY15 and ending 1Q FY17.</p>		

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				PROJECT 2696: Multi-Mission Maritime Aircraft			
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
2696: Multi-Mission Maritime Aircraft	889.634	544.637	341.621	-	341.621	137.053	127.065	29.375	10.820	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

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

	FY 2011	FY 2012	FY 2013
Title: Continue System Development & Demonstration	844.108	475.710	312.601
Articles:	0	0	0
FY 2011 Accomplishments: SDD phase. Scope of effort included: design, develop, build, and test P-8A aircraft, avionics, mission systems, Systems Integration Lab (SILs), ground and flight test articles (SDD Stage I, FY06, Qty-3; SDD Stage II, FY09, Qty-3), other test articles, associated Tactical Operations Center (TOC) updates, and development and initial builds of training devices to support IOT&E. Conducted the periodic cost and schedule performance reviews associated with Earned Value Management (EVM) and prepare and conduct technical, test and logistic reviews.			
FY 2012 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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)	PROJECT 2696: Multi-Mission Maritime Aircraft		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
SDD phase. Scope of effort includes: design, develop, build, and test P-8A aircraft, avionics, mission systems, SILs, wind tunnel test models, ground and flight test articles (SDD Stage I, FY06, Qty-3; SDD Stage II, FY09, Qty-3), other test articles, associated TOC updates, and development and initial builds of training devices to support Initial Operational Test & Evaluation. Conduct the periodic cost and schedule performance reviews associated with Earned Value Management and prepare and conduct technical, test and logistic reviews. FY 2013 Plans: SDD phase. Scope of effort includes: design, develop, build, and test P-8A aircraft, avionics, mission systems, Systems Integration Labs, wind tunnel test models, ground and flight test articles (SDD Stage I, FY06, Qty-3; SDD Stage II, FY09, Qty-3), other test articles, associated Tactical Operation Center updates, and development and initial builds of training devices to support continuation of engineering and verification of correction of deficiencies and Follow On Test & Evaluation and Verification of Correction of Deficiencies. Conduct the periodic cost and schedule performance reviews associated with EVM and prepare and conduct technical, test and logistic reviews.				
Title: Continue Engineering and Technical Development and Test for Sys Dev & Demonstration contracts FY 2011 Accomplishments: Test, Government Furnished Equipment, Engineering and Technical Development for the SDD contract: Effort included: analysis of contracted deliverables; direct technical and logistic support of system development and delivery; assessment of contractors readiness to proceed in design/development; evaluate contract cost, schedule, and performance; test preparations, provide necessary government furnished equipment and test articles, risk assessment/mitigation; program control; performance status; and plan and prepare for future Milestone/Decision Reviews and develop associated documentation. Modeling & Simulation tools will be developed to assess proposed risk mitigations. Conduct and support IT&E and Live Fire Test & Evaluation (LFT&E). FY 2012 Plans: Continue analysis of contracted deliverables; direct technical and logistic support of system development and delivery; assessment of contractors readiness to proceed in design/development; evaluate contract cost, schedule, and performance; test preparations, provide necessary government furnished equipment and test articles, risk assessment/mitigation; program control; performance status; and plan and prepare for future Milestone/Decision Reviews and develop associated documentation. Modeling & Simulation tools will be developed to assess proposed risk mitigations. Conduct and support IT&E and LFT&E. FY 2013 Plans: Continue analysis of contracted deliverables; direct technical and logistic support of system development and delivery; assessment of contractors readiness to proceed in design/development; evaluate contract cost, schedule, and performance; test preparations, provide necessary government furnished equipment and test articles, risk assessment/mitigation; program		Articles: 45.526 0	68.927 0	29.020 0

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)			PROJECT 2696: Multi-Mission Maritime Aircraft				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011	FY 2012	FY 2013		
control; performance status; and plan and prepare for future Milestone/Decision Reviews and develop associated documentation. Modeling & Simulation tools will be developed to assess proposed risk mitigations. Conduct and support IT&E and LFT&E.											
Accomplishments/Planned Programs Subtotals							889.634	544.637	341.621		
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
• APN1/0193: P-8A MMA	1,903.128	2,253.745	2,746.434	0.000	2,746.434	3,687.148	4,261.513	3,870.661	2,515.746	2,376.792	25,515.627
• APN6/0605: P-8A Initial Spares	98.060	62.307	90.691	0.000	90.691	15.415	15.348	1.614	0.352	0.000	389.525
• MILCON: P-8A MILCON	0.000	32.070	0.000	0.000	0.000	111.338	263.691	69.324	0.000	0.000	482.340
D. Acquisition Strategy											
The MMA Milestone 0 was approved 22 March 2000 and the resulting Acquisition Decision Memorandum directed P-8A to begin the Concept Exploration phase consisting of an Analysis of Alternatives and industry concept studies. These activities began 3Q/01 and were funded under Program Element 0702207N Project Unit W2737. Approval to enter Component Advance Development (CAD) was attained from the Overarching Integrated Product Team on 18 Jan 2002 and the Milestone Decision Authority Under Secretary of Defense for Acquisition, Technology, & Logistics approved the program Acquisition Strategy on 8 Feb 2002. The CAD was a competitive award to multiple contractors to define alternative MMA concept system architectures and evaluate associated risks and proposed mitigations. Selection of MMA concept and approval to enter SDD phase occurred at MS B decision review on 28 May 2004. The contract was awarded to Boeing on 14 June 2004. The SDD phase is being used to design, develop and test the P-8A system. The P-8A program was initiated in response to the Joint Requirements Oversight Council validated Mission Needs Statement, "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance" and the requirements for the program are defined in the Capability Production Document. MS C was successfully completed on 11 August 2010 approving entry into the Production and Deployment Phase. P-8A Initial Operational Capability objective is FY 2013.											
E. Performance Metrics											
Milestone C completed 4th quarter 2010.											

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)	PROJECT 2696: Multi-Mission Maritime Aircraft
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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
Award Fee for Primary HW	C/CPAF	Boeing:Seattle, WA	174.181	49.399	Oct 2011	4.587	Oct 2012	-		4.587	0.000	228.167	228.167
Info. Assurance	WR	NAWC AD:Pax River, MD	0.931	-		-		-		-	0.000	0.931	
Primary HW Dev - Boeing	C/CPAF	Boeing:Seattle, WA	5,914.953	421.611	Oct 2011	303.125	Oct 2012	-		303.125	284.021	6,923.710	6,923.710
Primary HW Dev - SPAWAR	WR	SPAWAR:San Diego, CA	38.619	3.000	Feb 2012	-		-		-	0.000	41.619	
Sys Eng (gov)	WR	NAWC AD:Pax River, MD	61.308	1.700	Nov 2011	4.889	Nov 2012	-		4.889	2.830	70.727	
All other PY Product Dev.	Various	Various:Various	70.538	-		-		-		-	0.000	70.538	
Subtotal			6,260.530	475.710		312.601		-		312.601	286.851	7,335.692	

Remarks

The total award fee issued to date was 2.4% of the total budget.

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
Int. Log Gov	WR	NAWC AD:Pax River, MD	40.354	4.006	Nov 2011	3.699	Nov 2012	-		3.699	0.000	48.059	
Int Log Gov	WR	NAWC TSD:Orlando, FL	12.091	0.961	Nov 2011	-		-		-	0.000	13.052	
Tech Dev Gov	WR	NAWC AD:Pax River, MD	68.648	2.756	Nov 2011	0.753	Nov 2012	-		0.753	0.000	72.157	
All other PY Support Cost	Various	Various:Various	15.486	-		-		-		-	0.000	15.486	
Subtotal			136.579	7.723		4.452		-		4.452	0.000	148.754	

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				2696: Multi-Mission Maritime Aircraft					
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
Dev T&E - Gov	WR	NAWC AD:Pax River, MD	54.699	18.970	Nov 2011	8.414	Nov 2012	-		8.414	16.542	98.625	
GFE & GFI	WR	NAWC AD:Pax River, MD	48.764	21.843	Nov 2011	4.933	Nov 2012	-		4.933	0.000	75.540	
LFT&E - Gov	WR	NAWC WD:China Lake	21.771	5.321	Nov 2011	2.162	Nov 2012	-		2.162	0.000	29.254	
Oper Test & Eval	WR	NAWC AD:Pax River, MD	-	9.804	Nov 2011	6.680	Nov 2012	-		6.680	0.000	16.484	
All other PY T&E Cost	Various	Various:Various	5.187	-		-		-		-	0.000	5.187	
Subtotal			130.421	55.938		22.189		-		22.189	16.542	225.090	
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
Mgmt Suppt Serv (NON-FFRDC)	C/CPFF	RBC INC:Alexandria, VA	21.274	0.233	Nov 2011	0.661	Nov 2012	-		0.661	0.461	22.629	22.629
Program Mgmt Support	WR	NAWC AD:Pax River, MD	29.811	5.033	Nov 2011	1.092	Nov 2012	-		1.092	0.000	35.936	
Travel	Various	NAWC AD:Pax River, MD	2.785	-		0.201	Oct 2012	-		0.201	0.125	3.111	
All other PY Support Cost	Various	Various:Various	20.060	-		-		-		-	0.000	20.060	
Eng Tech Services (NON-FFRDC)	C/CPFF	ASEC:Lexington Park MD	2.979	-	Nov 2011	0.425	Nov 2012	-		0.425	0.334	3.738	3.738
Subtotal			76.909	5.266		2.379		-		2.379	0.920	85.474	
			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			6,604.439	544.637		341.621		-		341.621	304.313	7,795.010	
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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)	PROJECT 2696: Multi-Mission Maritime Aircraft

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>	PROJECT 2696: <i>Multi-Mission Maritime Aircraft</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft</i> (MMA) (P-8A)	PROJECT 2696: <i>Multi-Mission Maritime Aircraft</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Multi-Mission Maritime Aircraft				
Acquisition Milestones: Milestones: Full Rate Production (FRP) Decision	3	2013	3	2013
Acquisition Milestones: Milestones: Initial Operating Capability (IOC)	4	2013	4	2013
Systems Development: Hardware/Software Development: System Development & Demonstration (SDD)	1	2011	3	2013
Systems Development: Hardware/Software Development: Production and Deployment	1	2011	4	2017
Systems Development: Hardware/Software Development: Correction of Deficiencies Engineering	1	2013	4	2015
Test & Evaluation: Technical Evaluation: Integrated Test & Evaluation (Flight Test)	1	2011	3	2013
Test & Evaluation: Operational Evaluation: Initial Operational Test and Evaluation (IOT&E)	3	2012	2	2013
Test & Evaluation: Operational Evaluation: Fatigue Testing	2	2012	4	2017
Test & Evaluation: Operational Evaluation: Follow-on Test & Evaluation 1 (Defferals & High Priority Correction of Deficiencies)	3	2013	1	2014
Test & Evaluation: Operational Evaluation: Follow-on Test & Evaluation 2 (Verification of Correction of Deficiencies)	3	2015	4	2015
Production Milestones: Low Rate Initial Production (LRIP)	2	2011	3	2015
Production Milestones: Full Rate Production (FRP)	3	2013	4	2017
Production Milestones: Contract Awards: LRIP Lot #1 (Aircraft Procurement Navy (APN))	2	2011	2	2011
Production Milestones: Contract Awards: AP LRIP#3 Contract award	4	2011	4	2011
Production Milestones: Contract Awards: LRIP Lot #2 (APN)	1	2012	1	2012
Production Milestones: Contract Awards: LRIP Lot #3 (APN) and AP FRP Contract award	3	2012	3	2012

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012		
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		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Production Milestones: Contract Awards: FRP Contract Award		3	2013	3	2013
Deliveries: SDD Stage II Aircraft (RDT&E): SDD Stage II Aircraft (RDT&E) Q3 2011		3	2011	3	2011
Deliveries: SDD Stage II Aircraft (RDT&E): SDD Stage II Aircraft (RDT&E) Q4 2011		4	2011	4	2011
Deliveries: SDD Stage II Aircraft (RDT&E): SDD Stage II Aircraft (RDT&E) Q2 2012		2	2012	2	2012
Deliveries: LRIP 1: LRIP Aircraft (APN) Q2 2012		2	2012	2	2012
Deliveries: LRIP 1: LRIP Aircraft (APN) Q3 2012		3	2012	3	2012
Deliveries: LRIP 1: LRIP Aircraft (APN) Q4 2012		4	2012	4	2012
Deliveries: LRIP 1: LRIP Aircraft (APN) Q1 2013		1	2013	1	2013
Deliveries: LRIP 1: LRIP Aircraft (APN) Q2 2013		2	2013	2	2013
Deliveries: LRIP 2: LRIP Aircraft (APN) Q2 2013		2	2013	2	2013
Deliveries: LRIP 2: LRIP Aircraft (APN) Q3 2013		3	2013	3	2013
Deliveries: LRIP 2: LRIP Aircraft (APN) Q4 2013		4	2013	4	2013
Deliveries: LRIP 2: LRIP Aircraft (APN) Q1 2014		1	2014	1	2014
Deliveries: LRIP 3: LRIP Aircraft (APN) Q3 2014		3	2014	3	2014
Deliveries: LRIP 3: LRIP Aircraft (APN) Q4 2014		4	2014	4	2014
Deliveries: LRIP 3: LRIP Aircraft (APN) Q1 2015		1	2015	1	2015
Deliveries: LRIP 3: LRIP Aircraft (APN) Q2 2015		2	2015	2	2015
Deliveries: LRIP 3: LRIP Aircraft (APN) Q3 2015		3	2015	3	2015
Deliveries: FRP 1: FRP Aircraft (APN) Q3 2015		3	2015	3	2015
Deliveries: FRP 1: FRP Aircraft (APN) Q4 2015		4	2015	4	2015
Deliveries: FRP 1: FRP Aircraft (APN) Q1 2016		1	2016	1	2016
Deliveries: FRP 1: FRP Aircraft (APN) Q2 2016		2	2016	2	2016
Deliveries: FRP 1: FRP Aircraft (APN) Q3 2016		3	2016	3	2016
Deliveries: FRP 2: FRP Aircraft (APN) Q3 2016		3	2016	3	2016
Deliveries: FRP 2: FRP Aircraft (APN) Q4 2016		4	2016	4	2016

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Exhibit R-4A, RDT&E Schedule Details: 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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)		PROJECT 2696: Multi-Mission Maritime Aircraft	
	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year
Deliveries: FRP 2: FRP Aircraft (APN) Q1 2017	1	2017	1	2017
Deliveries: FRP 2: FRP Aircraft (APN) Q2 2017	2	2017	2	2017
Deliveries: FRP 2: FRP Aircraft (APN) Q3 2017	3	2017	3	2017
Deliveries: FRP 3: FRP Aircraft (APN) Q3 2017	3	2017	3	2017
Deliveries: FRP 3: FRP Aircraft (APN) Q4 2017	4	2017	4	2017

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				PROJECT 3181: P-8A Spiral One Development			
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
3181: P-8A Spiral One Development	3.956	59.832	58.149	-	58.149	54.236	43.325	21.363	-	0.000	240.861
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
The P-8A Multi-mission Maritime Aircraft (MMA) program is based on an evolutionary acquisition strategy consisting of sequential incremental enhancements to system capabilities that will retain cost-wise effectiveness for winning major combat operations through 2020. In order to pace the threat, Increment 2, the Next Phase of Capabilities (NPC-1), will incorporate the following capabilities into the P-8A: Multi-Static Active Coherent (MAC), Automatic Identification System, Rapid Capabilities Insertion (RCI), updates to the Tactical Operations Center (TOC), as well as additional Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASuW) and Intelligence Surveillance and Reconnaissance (ISR) capabilities. Increment 2 will be executed as an Engineering Change Proposal to the baseline program.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Perform technology demonstrations and analyses of proposed new capabilities Articles: FY 2011 Accomplishments: Continued development of integration design of new P-8A capabilities. Prepared for Engineering Change Proposals (ECP) 1 Program Design Review (PDR). FY 2012 Plans: Continue development of integration design of new P-8A capabilities. Complete ECP 1 PDR & Critical Design Review. Conduct laboratory and preliminary development testing. FY 2013 Plans: Continue development of integration design of new P-8A capabilities. Complete ECP 2 PDR. Conduct laboratory and preliminary development testing.								0.537	53.029	39.792	
								0	0	0	
Title: Conduct technical, cost, risk and logistics analysis of proposed technologies Articles: FY 2011 Accomplishments: Conducted technical, cost, risk and logistics analysis of proposed technologies. Provided technical and management support for the development of acquisition documentation. Provided engineering and management of technical development effort. FY 2012 Plans:								3.419	6.803	18.357	
								0	0	0	

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy							DATE: February 2012				
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>			PROJECT 3181: <i>P-8A Spiral One Development</i>					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011	FY 2012	FY 2013		
Conduct technical, cost, risk and logistics analysis of proposed technologies. Provide technical and management support for the development of acquisition documentation. Provide engineering and management of technical development effort.											
FY 2013 Plans: Conduct technical, cost, risk and logistics analysis of proposed technologies. Provide technical and management support for the development of acquisition documentation. Provide engineering and management of technical development effort.											
Accomplishments/Planned Programs Subtotals							3.956	59.832	58.149		
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
• APN5/0586: <i>P-8 Series</i>	0.000	0.000	5.302	0.000	5.302	7.152	21.571	21.942	22.316	2,140.203	2,218.486
D. Acquisition Strategy The P-8A MMA program is based on an evolutionary acquisition strategy consisting of sequential incremental enhancements to system capabilities that will retain cost-wise effectiveness for winning major combat operations through 2020. In order to pace the threat, the Next Phase of Capabilities (NPC-1) will incorporate the following capabilities into the P-8A: Multi-Static Active Coherent, Rapid Capabilities Insertion, updates to the Tactical Operations Center, as well as additional Anti-Submarine Warfare, Anti-Surface Warfare and Intelligence Surveillance and Reconnaissance capabilities.											
E. Performance Metrics Approval of Increment 2 ECPs.											

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				3181: P-8A Spiral One Development					
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 HW Dev - Risk Reduction/Preliminary Design II	C/CPFF	Boeing:Seattle, WA	1.975	5.291	Nov 2011	-		-		-	0.000	7.266	7.266
Primary HW Dev - Integration/EMD	C/CPFF	Boeing:Seattle, WA	-	41.359	Apr 2012	33.422	Nov 2012	-		33.422	59.863	134.644	134.644
Sys Eng (gov)	WR	NAWC AD:Pax River, MD	9.233	6.379	Nov 2011	6.370	Nov 2012	-		6.370	17.312	39.294	
All other PY Product Dev	Various	Various:Various	7.893	-		-		-		-	0.000	7.893	7.893
Subtotal			19.101	53.029		39.792		-		39.792	77.175	189.097	
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
Integrated Logistics Sup	WR	NAWC AD:Pax River, MD	1.307	0.668	Nov 2011	0.646	Nov 2012	-		0.646	4.250	6.871	
All other PY Support	Various	Various:Various	0.542	-		-		-		-	0.000	0.542	
Subtotal			1.849	0.668		0.646		-		0.646	4.250	7.413	
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
Dev Test & Eval	WR	NAWC AD:Pax River, MD	1.863	2.295	Nov 2011	7.464	Nov 2012	-		7.464	16.202	27.824	
GFE/GFI/GFP	WR	NAWC AD:Pax River, MD	0.050	1.072	Nov 2011	7.877	Nov 2012	-		7.877	6.198	15.197	
Oper Test & Eval	WR	NAWC AD:Pax River, MD	-	-		-		-		-	5.573	5.573	
Test Assets	WR	NAWC AD:Pax River, MD	-	-		-		-		-	3.000	3.000	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>				PROJECT 3181: <i>P-8A Spiral One Development</i>						
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	
Subtotal			1.913	3.367		15.341		-		15.341	30.973	51.594		
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	
Eng Tech Serv (NON-FFRDC)	C/CPFF	RBC INC:Alexandria, VA	1.260	0.401	Nov 2011	0.083	Nov 2012	-		0.083	0.887	2.631	2.631	
Mgmt Suppt Serv (NON-FFRDC)	C/CPFF	RBC INC:Alexandria, VA	4.112	0.601	Nov 2011	0.585	Nov 2012	-		0.585	2.520	7.818	7.818	
Program Mgmt Support	WR	NAWC AD:Pax River, MD	2.815	1.691	Nov 2011	1.613	Nov 2012	-		1.613	2.873	8.992		
Travel	WR	NAWC AD:Pax River, MD	0.127	0.075	Oct 2011	0.089	Oct 2012	-		0.089	0.245	0.536		
Subtotal			8.314	2.768		2.370		-		2.370	6.525	19.977		
			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			31.177	59.832		58.149		-		58.149	118.923	268.081		
Remarks														

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft</i> <i>(MMA) (P-8A)</i>	PROJECT 3181: <i>P-8A Spiral One Development</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft</i> (MMA) (P-8A)	PROJECT 3181: <i>P-8A Spiral One Development</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>P-8A Spiral One Development</i>				
Acquisition Milestones: Milestones: Early Operational Capability (EOC)	3	2014	3	2014
Acquisition Milestones: Milestones: Initial Operational Capability (IOC)	1	2016	1	2016
Systems Development: Acquisition Phases: Technology Development (TD)/Risk Reduction	1	2011	2	2012
Systems Development: Acquisition Phases: Integration/EMD	3	2012	2	2016
Test & Evaluation: Technical Evaluation: Developmental Testing (Integration Testing)	1	2012	2	2015
Test & Evaluation: Operational Evaluation: Operational Test & Evaluation (OT&E) (EOC)	4	2013	1	2014
Test & Evaluation: Operational Evaluation: Operational Test & Evaluation (OT&E) (IOC)	2	2015	4	2015
Production Milestones: Contract Awards: Contract Award Integration/ Engineering, Manufacturing, and Development (EMD)	3	2012	3	2012
Production Milestones: Contract Awards: Retrofit Kits	1	2014	1	2014
Deliveries: Kit Deliveries (APN)	2	2015	4	2017

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				PROJECT 3218: P-8A Spiral 2 Development			
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
3218: P-8A Spiral 2 Development	1.936	4.215	21.332	-	21.332	78.444	128.821	159.866	189.055	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
The P-8A Multi-mission Maritime Aircraft (MMA) program is based on an evolutionary acquisition strategy consisting of sequential increments that will retain cost-wise effectiveness for winning major combat operations through 2020. In order to pace the threat, Increment 3 may include the following capabilities: Net-Ready Key Performance Parameters (KPP) implementation, integration of a network enabled Anti-Surface Warfare (ASuW) weapon, Survivability Upgrades, Precision Targeting improvements, and Rapid Capabilities Insertion (RCI), as well as additional Anti-Submarine Warfare (ASW), ASuW and Intelligence Surveillance and Reconnaissance (ISR) capabilities. These capabilities and other emergent capability requirements will be investigated during the Technology Development phase of Increment 3 for the P-8A and Tactical Operations Center (TOC)(ground support facility).											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Perform technology demonstrations and analyses of proposed new capabilities Articles: FY 2011 Accomplishments: Prepared to initiate multiple engineering studies of the proposed new P-8A capabilities to ascertain the most affordable, military useful, most mature technological solution. FY 2012 Plans: Conduct multiple engineering studies of the proposed new P-8A capabilities to ascertain the most affordable, military useful, most mature technological solution. FY 2013 Plans: Initiate design for integrating new capabilities into P-8A TOC. Complete engineering studies and award Increment 3 technology development contract for competitive prototyping capabilities.								0.980	2.827	17.657	
								0	0	0	
Title: Conduct technical, cost, risk and logistics analysis of proposed technologies Articles: FY 2011 Accomplishments: Conducted technical, cost, risk and logistics analysis of proposed technologies. Evaluated system requirements through cost/performance trade-off analysis. Provided technical and management support for the development of acquisition documentation. Provided engineering and management support. FY 2012 Plans:								0.956	1.388	3.675	
								0	0	0	

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>	PROJECT 3218: <i>P-8A Spiral 2 Development</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012
Conduct technical, cost, risk and logistics analysis of proposed technologies. Evaluate system requirements through cost/performance trade-off analysis. Provide technical and management support for the development of acquisition documentation. Provide engineering and management of engineering studies.			
FY 2013 Plans: Conduct technical, cost, risk and logistics analysis of proposed technologies. Evaluate system requirements through cost/performance trade-off analysis. Provide technical and management support for the development of acquisition documentation. Provide engineering and management of technical development effort.			
Accomplishments/Planned Programs Subtotals		1.936	4.215
C. Other Program Funding Summary (\$ in Millions) N/A			
D. Acquisition Strategy The P-8A MMA program is based on an evolutionary acquisition strategy consisting of sequential increments that will retain cost-wise effectiveness for winning major combat operations through 2020. In order to pace the threat, Increment 3 may include the following capabilities: Net-Ready Key Performance Parameters implementation, integration of a network enabled Anti-Surface Warfare (ASuW) weapon, Survivability Upgrades, Precision Targeting improvements, and Rapid Capabilities Insertion Capabilities, as well as additional Anti-Submarine Warfare, ASuW and Intelligence Surveillance and Reconnaissance capabilities. The scope of this effort includes the integration design and test of capability enhancements to the P-8A. Fleet introduction is planned to be accomplished incrementally based on the scope of change, with a planned completion in FY19. These capabilities and other emergent capability requirements will be investigated during the Technology Development phase of Increment 3 for the P-8A and Tactical Operation Center (ground support facility).			
E. Performance Metrics Milestone A to be completed 2nd quarter 2013; Milestone B to be completed 3rd quarter 2015.			

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)				PROJECT 3218: P-8A Spiral 2 Development						
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 HW Dev - Engineering Studies	TBD	TBD:Not Specified	-	1.000	Jul 2012	5.000	Nov 2012	-		5.000	0.000	6.000	6.000	
Primary Hdw Dev - Technology Development	C/CPFF	TBD:TBD	-	-		5.427	Apr 2013	-		5.427	12.469	17.896	17.896	
Primary HW Dev - EMD	C/CPFF	TBD:TBD	-	-		-		-		-	328.375	328.375	328.375	
Sys Eng (gov)	WR	NAWC AD:Pax River, MD	0.980	1.827	Nov 2011	7.230	Nov 2012	-		7.230	111.054	121.091		
Subtotal			0.980	2.827		17.657		-		17.657	451.898	473.362		
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	
Integrated Logistics Sup	WR	NAWC AD:Pax River, MD	-	0.053	Nov 2011	0.500	Nov 2012	-		0.500	30.350	30.903		
Studies & Analysis	C/CPFF	TBD:TBD	-	-	Dec 2011	0.891	Dec 2012	-		0.891	0.000	0.891	0.891	
Subtotal			-	0.053		1.391		-		1.391	30.350	31.794		
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	
Dev Test & Eval	WR	NAWC AD:Pax River, MD	-	-	Nov 2011	0.400	Nov 2012	-		0.400	106.161	106.561		
GFE/GFI/GFP	WR	NAWC AD:Pax River, MD	-	-		-		-		-	17.341	17.341		
Oper Test & Eval	WR	NAWC AD:Pax River, MD	-	-		-		-		-	44.000	44.000		
Test Assets	WR	NAWC AD:Pax River, MD	-	-		-		-		-	25.000	25.000		
Subtotal			-	-		0.400		-		0.400	192.502	192.902		

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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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)					PROJECT 3218: P-8A Spiral 2 Development				
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	
Eng Tech Serv (NON-FFRDC)	C/CPFF	RBC:Alexandria, VA	0.228	0.400	Nov 2011	0.515	Nov 2012	-		0.515	16.864	18.007	18.007	
Mgmt Suppt Serv (NON-FFRDC)	C/CPFF	RBC:Alexandria, VA	0.300	0.600	Nov 2011	0.772	Nov 2012	-		0.772	25.297	26.969	26.969	
Program Mgmt Support	WR	NAWC AD:Pax River, MD	0.328	0.235	Nov 2011	0.500	Nov 2012	-		0.500	3.800	4.863		
Travel	WR	NAWC AD:Pax River, MD	0.100	0.100	Oct 2011	0.097	Oct 2012	-		0.097	3.307	3.604		
Subtotal			0.956	1.335		1.884		-		1.884	49.268	53.443		
			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			1.936	4.215		21.332		-		21.332	724.018	751.501		
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 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)	PROJECT 3218: P-8A Spiral 2 Development

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>	PROJECT 3218: <i>P-8A Spiral 2 Development</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>P-8A Spiral 2 Development</i>				
Acquisition Milestones: Milestones: Increment 3 MS A	2	2013	2	2013
Acquisition Milestones: Milestones: Increment 3 MS B	3	2015	3	2015
Systems Development: Technology Development	2	2013	3	2015
Systems Development: Engineering Manufacturing & Development (EMD)	3	2015	4	2017
Systems Development: Engineering Studies	4	2012	2	2013
Systems Development: Reviews: Preliminary Design Review (PDR)	1	2015	1	2015
Systems Development: Reviews: Critical Design Review (CDR)	4	2016	4	2016
Test & Evaluation: Integrated Test (IT)	2	2017	4	2017
Test & Evaluation: Lab Testing	2	2015	1	2017
Production Milestones: Contract Awards: Contract Award - Technology Development	3	2013	3	2013
Production Milestones: Contract Awards: Engineering Manufacturing & Development (EMD)	3	2015	3	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605500N: <i>Multi-mssn Maritime Aircraft (MMA) (P-8A)</i>				PROJECT 9999: <i>Congressional Adds</i>			
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
9999: <i>Congressional Adds</i>	11.939	10.000	-	-	-	-	-	-	-	0.000	21.939
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification
Congressional Add.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012
Congressional Add: Small Business Technology Insertion	11.939	-
FY 2011 Accomplishments: N/A		
Congressional Add: MMA SBIR (Cong)	-	10.000
FY 2012 Plans: N/A		
Congressional Adds Subtotals	11.939	10.000

C. Other Program Funding Summary (\$ in Millions)
N/A

D. Acquisition Strategy
Not required for Congressional Adds.

E. Performance Metrics
Not required for Congressional Adds.