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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
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)							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	1,089.670	1,170.527	929.240	0.000	929.240	430.643	198.644	133.360	184.780	Continuing	Continuing
2696: Multi-Mission Maritime Aircraft	1,079.269	1,128.025	923.258	0.000	923.258	339.667	113.876	34.393	33.309	Continuing	Continuing
3181: P-8A Spiral One Development	10.401	29.556	3.995	0.000	3.995	55.158	40.718	33.337	14.699	Continuing	Continuing
3218: P-8A Spiral 2 Development	0.000	0.000	1.987	0.000	1.987	35.818	44.050	65.630	136.772	Continuing	Continuing
9999: Congressional Adds	0.000	12.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.910

A. Mission Description and Budget Item Justification

The P-8A Multi-mission Maritime Aircraft (MMA) 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 (MNS), "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance" and the requirements for the program are defined in the MMA Operational Requirements Document (ORD)/ Capability Development Document (CDD), validated and approved by JROC on 08 December 2003. The P-8A program received Milestone 0 approval to proceed into Concept Exploration (CE) on 22 March 2000. Concept exploration activities began in June 2000 under Program Element 0702207N Project Unit W2737. Approval to enter Component Advanced Development (CAD) was attained from the Overarching Integrated Product Team on 18 January 2002 and the Milestone Decision Authority, Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)), approved the program Acquisition Strategy on 8 February 2002. Approval to enter System Development and Demonstration (SDD) was attained at the Defense Acquisition Board (DAB) on 28 May 2004. Approval was granted to award the SDD contract at the DAB. The contract was awarded to Boeing on 14 June 2004. A successful Critical Design Review (CDR) was completed in June 2007. In August 2007 the Design Readiness Review (DRR) 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.

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 and prepare for Milestone C. Six flight test aircraft will be built during SDD. These test aircraft will be 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) will support integrated Test and Evaluation (IT&E). This was previously called combined Developmental/Operational Testing (DT/OT). SDD Stage II flight test aircraft (FY09/Qty-3) will 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

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<p>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. P-8A plans to enter Production and Deployment (PD) in the 3rd quarter of FY10 after completing the Milestone C DAB.</p> <p>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. The Increment 2 Integration effort will allow the P-8A to keep pace with the threat. In order to pace the threat, this will incorporate the following capabilities into the P-8A: Advanced Extended Echo Ranging, Automatic Identification System, Aircraft Rapid Commercial-Off-The-Shelf Insertion (ARCI), Integrated Broadcast Services, and updates to the Tactical Operations Center (TOC) as well as additional Anti-Submarine (ASW) and Anti-Surface Warfare (ASuW) capabilities necessary to reduce the gap between the evolved legacy P-3C and P-8A systems. These capabilities and other emergent capability requirements, such as the High Altitude Anti-Submarine Warfare (HAASW) capability, will be investigated during the Technology Development phase of Increment 2. 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. Fleet introduction is planned to be completed in FY16.</p> <p>As part of the P-8A evolutionary strategy, Increment 3 will focus on attaining cost wise effectiveness for winning major combat operations through FY2023. In order to pace the threat, Increment 3 may include the following capabilities: Net-Ready KPP compliance, High Altitude ASW, integration of future ASuW weapon survivability upgrades, precision targeting improvements to radar, ARCI capabilities, as well as additional ASW and ASuW capabilities required to reduce the gap between the evolved legacy P-3C and P-8A systems. These capabilities and other emergent capability requirements will be investigated during the Techology Development phase of Increment 3 for the P-8A and TOC. Increment 3 will capitalize on existing planned P-8A DABs to serve as decision points for entering furture phases of work.</p> <p>This Program Element includes \$1.000 million for the Defense Acquisition Work Force Development Fund (DAWDF) in FY09.</p>		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy				DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)		PE 0605500N: Multi-mssn Maritime Aircraft (MMA) (P-8A)			
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	1,123.877	1,162.417	0.000	0.000	0.000
Current President's Budget	1,089.670	1,170.527	929.240	0.000	929.240
Total Adjustments	-34.207	8.110	929.240	0.000	929.240
• Congressional General Reductions		-4.875			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	-0.015			
• Congressional Adds		13.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-0.712	0.000			
• SBIR/STTR Transfer	-33.495	0.000			
• Program Adjustments	0.000	0.000	929.240	0.000	929.240
Congressional Add Details (\$ in Millions, and Includes General Reductions)					
				FY 2009	FY 2010
Project: 9999: Congressional Adds					
Congressional Add: Small Business Technology Insertion				0.000	12.946
Congressional Add Subtotals for Project: 9999				0.000	12.946
Congressional Add Totals for all Projects				0.000	12.946
Change Summary Explanation					
Technical: Not applicable.					
Schedule: Project 2696: The schedule reflects the following changes: Changed DT/OT to IT&E, corrected IOT&E to reflect APB objective values for start and completion.					
Project 3181: The following schedule change due to budget adjustments: MS-B changed from 3Q FY10 to 3Q FY11.					
Project 3218: The schedule for Increment 3 is now displayed.					

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FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.		

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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>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2696: <i>Multi-Mission Maritime Aircraft</i>	1,079.269	1,128.025	923.258	0.000	923.258	339.667	113.876	34.393	33.309	Continuing	Continuing
Quantity of RDT&E Articles	3	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The P-8A Multi-mission Maritime Aircraft (MMA) 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 (MNS), "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance" and the requirements for the program are defined in the MMA Operational Requirements Document (ORD)/ Capability Development Document (CDD), validated and approved by JROC on 08 December 2003. The P-8A program received Milestone 0 approval to proceed into Concept Exploration (CE) on 22 March 2000. Concept exploration activities began in June 2000 under Program Element 0702207N Project Unit W2737. Approval to enter Component Advanced Development (CAD) was attained from the Overarching Integrated Product Team on 18 January 2002 and the Milestone Decision Authority Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)) approved the program Acquisition Strategy on 8 February 2002. Approval to enter System Development and Demonstration (SDD) was attained at the Defense Acquisition Board (DAB) on 28 May 2004. Approval was granted to award the SDD contract at the DAB. The contract was awarded to Boeing on 14 June 2004. A successful Critical Design Review (CDR) was completed in June 2007. In August 2007 the Design Readiness Review (DRR) 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.

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 and prepare for Milestone C. Six flight test aircraft will be built during SDD. These test aircraft will be 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) will support Integrated Test and Evaluation (IT&E). This was previously called combined Developmental/Operational Testing (DT/OT). SDD Stage II flight test aircraft (FY09/Qty-3) will support the completion of combined DT/OT and Initial Operational Test and Evaluation (IOT&E). The SDD contract includes the development and initial builds of training devices to support IOT&E. P-8A plans to enter Production and Deployment (PD) in the 3rd quarter of FY10 after completing the Milestone C DAB.

This project includes \$1.000 million for the Defense Acquisition Work Force Development Fund (DAWDF) in FY09.

B. Accomplishments/Planned Program (\$ in Millions)

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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 Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continue System Development & Demonstration (SDD)		1,026.076	1,060.255	869.436	0.000	869.436
<p><i>FY 2009 Accomplishments:</i> System Development and Demonstration (SDD) phase. Scope of effort includes: design, develop, build, and test P-8A aircraft, avionics, mission systems, Systems Integration Lab(s), 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 Operations Center (TOC) updates, and development and initial builds of training devices to support IOT&E. Conduct the periodic cost and schedule performance reviews associated with Earned Value Management and prepare and conduct technical, test and logistic reviews.</p> <p><i>FY 2010 Plans:</i> System Development and Demonstration (SDD) phase. Scope of effort includes: design, develop, build, and test P-8A aircraft, avionics, mission systems, Systems Integration Lab(s), 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 Operations Center (TOC) updates, and development and initial builds of training devices to support IOT&E. Conduct the periodic cost and schedule performance reviews associated with Earned Value Management and prepare and conduct technical, test and logistic reviews.</p> <p><i>FY 2011 Base Plans:</i> System Development and Demonstration (SDD) phase. Scope of effort includes: design, develop, build, and test P-8A aircraft, avionics, mission systems, Systems Integration Lab(s), 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 Operations Center (TOC) updates, and development and initial builds of training devices to support IOT&E. Conduct the periodic cost and schedule performance reviews associated with Earned Value Management and prepare and conduct technical, test and logistic reviews.</p>						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continue Engineering and Technical Development and Test for SDD contracts		52.193	67.770	53.822	0.000	53.822
<p><i>FY 2009 Accomplishments:</i></p> <p>Test, GFE, Engineering and Technical Development for the SDD contract: Effort includes: 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 Integrated Test and Evaluation and Live Fire Test and Evaluation.</p>						
<p><i>FY 2010 Plans:</i></p> <p>Test, GFE, Engineering and Technical Development for the SDD contract: Effort includes: 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 Integrated Test and Evaluation and Live Fire Test and Evaluation.</p>						
<p><i>FY 2011 Base Plans:</i></p> <p>Test, GFE, Engineering and Technical Development for the SDD contract: Effort includes: 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</p>						

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B. Accomplishments/Planned Program (\$ in Millions)												
								FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
& Simulation tools will be developed to assess proposed risk mitigations. Conduct and support Integrated Test and Evaluation and Live Fire Test and Evaluation.												
DAWDF Realignment FY 2009 Accomplishments: DAWDF Realignment.								1.000	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals								1,079.269	1,128.025	923.258	0.000	923.258
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost	
• APN1/0193: P-8A MMA	110.227	1,797.396	1,990.590	0.000	1,990.590	2,446.306	3,071.079	3,938.290	5,154.100	7,970.282	26,478.270	
• APN6/0605: P-8A Initial Spares	0.000	122.909	72.422	0.000	72.422	85.029	63.775	11.808	9.838	0.000	365.781	
• MILCON: P-8A MILCON	48.220	5.917	0.000	0.000	0.000	49.679	0.000	0.000	0.000	0.000	103.816	
D. Acquisition Strategy												
The Multi-Mission Maritime Aircraft (MMA) Milestone 0 was approved 22 March 2000 and the resulting Acquisition Decision Memorandum directed P-8A to begin the CE phase consisting of an Analysis of Alternatives (AoA) and industry concept studies. These activities began 3Q/01 and were funded under Program Element 0702207N Project Unit W2737. Approval to enter Component Advanced Development (CAD) was attained from the Overarching Integrated Product Team on 18 Jan 2002 and the Milestone Decision Authority (USD(AT&L)) 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 System Development and Demonstration (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 JROC validated MNS, "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance" and the requirements for the program are defined in the MMA Operational Requirements Document (ORD)/ Capability Development Document (CDD), validated and approved by JROC on 08 December 2003. P-8A IOC objective is FY 2013.												

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E. Performance Metrics Milestone C scheduled to complete 3rd quarter 2010.		

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Product Development (\$ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 St. Louis, MO	123.451	86.878	Oct 2009	38.699	Oct 2010	0.000		38.699	21.980	271.008	271.008
Info. Assurance	WR	NAWC AD Pax River, MD	0.931	0.450	Oct 2009	0.450	Oct 2010	0.000		0.450	0.600	2.431	Continuing
Primary HW Dev - Boeing	C/CPAF	Boeing St. Louis, MO	4,089.724	959.479	Oct 2009	822.037	Oct 2010	0.000		822.037	415.321	6,286.561	6,286.561
Primary HW Dev - SPAWAR	WR	SPAWAR San Diego, CA	22.796	7.100	Feb 2010	6.000	Feb 2011	0.000		6.000	3.000	38.896	Continuing
Sys Eng (gov)	WR	Various Various	49.096	6.348	Nov 2009	2.250	Nov 2010	0.000		2.250	1.100	58.794	Continuing
All other PY Product Dev.	Various/ Various	Various Various	70.538	0.000		0.000		0.000		0.000	0.000	70.538	Continuing
Subtotal			4,356.536	1,060.255		869.436		0.000		869.436	442.001	6,728.228	6,557.569

Remarks

The total award fee issued to date was 2.1% of the total budget.

Support (\$ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	35.705	8.266	Nov 2009	7.857	Nov 2010	0.000		7.857	6.311	58.139	Continuing

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Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
SAE (NON-FFRCD)	C/FFP	Various Various	9.884	0.610	Jan 2010	0.000		0.000		0.000	0.000	10.494	10.494
Tech Dev Gov	WR	NAWC AD Pax River, MD	63.534	7.375	Nov 2009	3.052	Nov 2010	0.000		3.052	2.756	76.717	Continuing
All other PY Support Cost	Various/ Various	Various Various	4.868	0.000		0.000		0.000		0.000	0.000	4.868	Continuing
Subtotal			113.991	16.251		10.909		0.000		10.909	9.067	150.218	10.494
Remarks													
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	Various Various	24.058	17.563	Nov 2009	16.200	Nov 2010	0.000		16.200	56.785	114.606	Continuing
GFE & GFI	Various/ Various	Various Various	19.331	20.600	Nov 2009	18.500	Nov 2010	0.000		18.500	13.700	72.131	Continuing
LFT&E - Gov	WR	Various Various	14.944	2.398	Nov 2009	2.808	Nov 2010	0.000		2.808	0.000	20.150	Continuing
Oper Test & Eval - TBD	WR	Various Various	0.000	0.000		0.000		0.000		0.000	16.484	16.484	Continuing

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Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
All other PY T&E Cost	Various/ Various	Various Various	5.187	0.000		0.000		0.000		0.000	0.000	5.187	Continuing
Subtotal			63.520	40.561		37.508		0.000		37.508	86.969	228.558	
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	16.994	4.949	Nov 2009	1.743	Nov 2010	0.000		1.743	4.000	27.686	27.686
Program Mgmt Support	WR	NAWC AD Pax River, MD	25.005	5.459	Nov 2009	3.362	Nov 2010	0.000		3.362	5.231	39.057	Continuing
Travel - EOB	Various/ Various	NAWC AD Pax River, MD	2.221	0.550	Nov 2009	0.300	Nov 2010	0.000		0.300	0.600	3.671	Continuing
All other PY Support Cost	Various/ Various	Various Various	19.060	0.000		0.000		0.000		0.000	0.000	19.060	Continuing
DAWDF Realignment	Various/ Various	Various Various	1.000	0.000		0.000		0.000		0.000	0.000	1.000	Continuing
Subtotal			64.280	10.958		5.405		0.000		5.405	9.831	90.474	27.686
Remarks													

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy							DATE: February 2010																										
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>																										
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 25%;"></div> <table border="1" style="width: 75%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 10%;">Total Prior Years Cost</th> <th style="width: 10%;">FY 2010</th> <th style="width: 10%;"></th> <th style="width: 10%;">FY 2011 Base</th> <th style="width: 10%;"></th> <th style="width: 10%;">FY 2011 OCO</th> <th style="width: 10%;"></th> <th style="width: 10%;">FY 2011 Total</th> <th style="width: 10%;">Cost To Complete</th> <th style="width: 10%;">Total Cost</th> <th style="width: 10%;">Target Value of Contract</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">Project Cost Totals</td> <td>4,598.327</td> <td>1,128.025</td> <td></td> <td>923.258</td> <td></td> <td>0.000</td> <td></td> <td>923.258</td> <td>547.868</td> <td>7,197.478</td> <td>6,595.749</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;"> Remarks </div>											Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract	Project Cost Totals	4,598.327	1,128.025		923.258		0.000		923.258	547.868	7,197.478	6,595.749
	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract																						
Project Cost Totals	4,598.327	1,128.025		923.258		0.000		923.258	547.868	7,197.478	6,595.749																						

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy

DATE: February 2010

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

EXHIBIT R4, Schedule Profile

DATE: **February 2010**

APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT NUMBER AND NAME																PROJECT NUMBER AND NAME															
1319 RDT&E, N / BA-5 SYSTEM DEVELOPMENT AND DEMO				0605500N, P-8A MMA																2696, P-8A MULTI-MISSION MARITIME AIRCRAFT															
Fiscal Year		FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Acquisition Milestones			▲	IPR			▲	MS C											▲	FRP															
Acquisition Phases		<div>System Development and Demonstration</div> <div>Production and Deployment</div>																																	
MMA System			▲	TRR																															
Contract Awards		▲	SDD Stage II aircraft																																
RDT&E, N																																			
Production			▲	AP for LRIP #1			▲	LRIP #1 & AP LRIP #2			▲	LRIP #2 & AP LRIP #3			▲	LRIP #3 & AP FRP			▲	FRP															
Test & Evaluation Milestones		<div>Ground Testing</div> <div>Flight Test Program</div> <div>Follow-On Test & Evaluation</div>																																	
Initial Operational Test & Evaluation (IOT&E)																																			
Production																																			
Deliveries																																			
SDD Test Aircraft																																			
LRIP Aircraft																																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010
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

Event	Start		End	
	Quarter	Year	Quarter	Year
System Development and Demonstration Phase	1	2009	3	2013
Ground Testing	1	2009	4	2010
Test Readiness Review (TRR)	3	2009	3	2009
SDD Stage II Test Aircraft Contract award	1	2009	1	2009
Interim Program Review (IPR)	3	2009	3	2009
Advance Procurement (AP) for LRIP#1 Contract award	3	2009	3	2009
Integrated Test & Evaluation (Flight Test)	4	2009	3	2012
Follow-on Test & Evaluation	3	2014	3	2015
Milestone C	3	2010	3	2010
LRIP Lot #1 and AP LRIP#2 Contract award	3	2010	3	2010
Production and Deployment	3	2010	4	2015
Low Rate Initial Production	3	2010	4	2015
LRIP Lot #2 and AP LRIP#3 Contract award	3	2011	3	2011
LRIP Lot #3 and AP FRP Contract award	3	2012	3	2012
Initial Operational Test and Evaluation (IOT&E)	3	2012	2	2013
Full Rate Production Decision	3	2013	3	2013

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
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 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3181: P-8A Spiral One Development	10.401	29.556	3.995	0.000	3.995	55.158	40.718	33.337	14.699	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 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 Increment 2 will incorporate the following capabilities into the P-8A: Advanced Extended Echo Ranging, Automatic Identification System, Aircraft Rapid Commercial-Off-The-Shelf Insertion (ARCI), Integrated Broadcast Services, and updates to the Tactical Operations Center (TOC), as well as additional Anti-Submarine (ASW) and Anti-Surface Warfare (ASuW) capabilities necessary to reduce the gap between the evolved legacy P-3C and P-8A systems. These capabilities and other emergent capability requirements such as the High Altitude Anti-Submarine Warfare (HAASW) capability, will be investigated during the Technology Development phase of Increment 2. Increment 2 will capitalize on existing planned P-8A DABs to serve as decision points for entering phases of planned work.											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Perform technology demonstrations and analyses of proposed new capabilities						8.229	27.203	0.537	0.000	0.537	
FY 2009 Accomplishments: Multiple technology demonstrations and analyses of the proposed new P-8A capabilities to ascertain the most affordable, military useful, most mature technological solution. Initiate design for integrating new capabilities into P-8A Tactical Operations Center and associated trainers.											
FY 2010 Plans: Commence development of integration design of new P-8A capabilities.											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010		
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		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: Continued development of integration design of new P-8A capabilities. Complete the Preliminary Design Review.						
Conduct technical, cost, risk and logistics analysis of proposed technologies		2.172	2.353	3.458	0.000	3.458
FY 2009 Accomplishments: 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.						
FY 2010 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.						
FY 2011 Base 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		10.401	29.556	3.995	0.000	3.995

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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>
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A		
<u>D. Acquisition Strategy</u> P-8A 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. The P-8A Increment 2 Integration effort will allow the P-8A to keep pace with the threat. In order to pace the threat, Increment 2 will incorporate the following capabilities into the P-8A: Advanced Extended Echo Ranging, Automatic Identification System, ARCI, Integrated Broadcast Services, and updates to the TOC as well as additional ASWand ASuW capabilities required to reduce the gap between the evolved legacy P-3C and P-8 systems. These capabilities and other emergent capability requirements such as the High Altitude Anti-Submarine Warfare (HAASW) capability, will be investigated during the Technology Development phase of Increment 2. Integration of these capabilities will be accomplished incrementally, based on the scope of the integration effort. Fleet introduction is planned to be completed in FY16.		
<u>E. Performance Metrics</u> Milestone B scheduled to complete 3rd quarter 2011; Milestone C scheduled to complete 2nd quarter 2014.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
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>					
 Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 Hdw Development	Various/ Various	Various Various	0.508	2.085	Jan 2010	0.000		0.000		0.000	6.450	9.043	9.043
Primary HW Dev - TBD	Various/ Various	Various Various	3.920	7.210	Mar 2010	0.000		0.000		0.000	6.631	17.761	17.761
Primary HW Dev - Boeing	C/CPAF	Boeing St. Louis, MO	3.154	15.876	Mar 2010	0.000		0.000		0.000	57.901	76.931	76.931
Sys Eng (gov)	WR	NAWC AD Pax River, MD	3.666	2.032	Nov 2009	0.537	Nov 2010	0.000		0.537	6.624	12.859	Continuing
Subtotal			11.248	27.203		0.537		0.000		0.537	77.606	116.594	103.735
Remarks													
 Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	0.560	0.578	Nov 2009	0.600	Nov 2010	0.000		0.600	3.476	5.214	Continuing
Studies & Analysis	Various/ Various	Various Various	3.820	0.400	Jan 2010	0.000		0.000		0.000	0.000	4.220	Continuing
Subtotal			4.380	0.978		0.600		0.000		0.600	3.476	9.434	
Remarks													

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
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				
Test and Evaluation (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	0.260	0.320	Nov 2009	1.500	Nov 2010	0.000		1.500	34.496	36.576	Continuing	
GFE/GFI/GFP	Various/ Various	NAWC AD Pax River, MD	0.000	0.050	Nov 2009	0.050	Nov 2010	0.000		0.050	2.968	3.068	Continuing	
Oper Test & Eval	WR	NAWC AD Pax River, MD	0.000	0.000		0.000		0.000		0.000	14.583	14.583	Continuing	
Test Assets	Various/ Various	NAWC AD Pax River, MD	0.000	0.100	Nov 2009	0.000	Nov 2010	0.000		0.000	4.178	4.278	Continuing	
Subtotal			0.260	0.470		1.550		0.000		1.550	56.225	58.505		
Remarks														
Management Services (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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)	Various/ Various	Various TBD	0.300	0.300	Jan 2010	0.300	Jan 2011	0.000		0.300	1.356	2.256	2.256	
Mgmt Suppt Serv (NON-FFRDC)	Various/ Various	Various Various	1.378	0.300	Jan 2010	0.300	Jan 2011	0.000		0.300	2.600	4.578	4.578	
Program Mgmt Support	WR	NAWC AD Pax River, MD	0.329	0.220	Nov 2009	0.608	Nov 2010	0.000		0.608	2.249	3.406	Continuing	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
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>					
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Travel	WR	NAWC AD Pax River, MD	0.095	0.085	Nov 2009	0.100	Nov 2010	0.000		0.100	0.400	0.680	Continuing
Subtotal			2.102	0.905		1.308		0.000		1.308	6.605	10.920	6.834
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			17.990	29.556		3.995		0.000		3.995	143.912	195.453	110.569
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy			DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE		PROJECT	
1319: Research, Development, Test & Evaluation, Navy		PE 0605500N: Multi-mssn Maritime Aircraft		3181: P-8A Spiral One Development	
BA 5: Development & Demonstration (SDD)		(MMA) (P-8A)			

EXHIBIT R4, Schedule Profile																								DATE: February 2010									
APPROPRIATION/BUDGET ACTIVITY										PROGRAM ELEMENT NUMBER AND NAME										PROJECT NUMBER AND NAME													
1319 RDT&E, N / BA-5 SYSTEM DEVELOPMENT										0605500N, P-8AMMA										3181, P-8A INCREMENT 2 INTEGRATION													
Fiscal Year		FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015							
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Acquisition Milestones																																	
Requisition Phase		Tech Development				Risk Reduction				Increment 2 MS								Increment 2 MS															
Design Review																																	
Contract Awards																																	
System Design and Integration																																	
Production																																	
Test & Evaluation Milestones																																	
Integration Testing (IT)																																	
Production Milestones																																	
Deliveries																																	

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010
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>	

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Increment 2 Milestone B	3	2011	3	2011
Increment 2 Milestone C	2	2014	2	2014
Technology Development	1	2009	4	2009
Risk Reduction	2	2010	3	2011
Contract Award (Tech Dev 2)	3	2009	3	2009
Contract Award (ATPR)	2	2010	2	2010
Preliminary Design Review (PDR)	2	2011	2	2011
Contract Award (INCR)	3	2011	3	2011
Critical Design Review (CDR)	4	2012	4	2012
Engineering Manufacturing & Development	3	2011	4	2014
Developmental Testing (Integration Testing)	1	2012	2	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
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>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3218: <i>P-8A Spiral 2 Development</i>	0.000	0.000	1.987	0.000	1.987	35.818	44.050	65.630	136.772	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 2023. In order to pace the threat, Increment 3 may include the following capabilities: Net-Ready KPP compliance, High Altitude ASW (GPS Sonobuoys, RFI Mitigation, etc.), Integration of a network enabled ASuW weapon, Survivability Upgrades, Precision Targeting improvements, and Acoustic Rapid COTS Insertion (ARCI) Capabilities, as well as additional Anti-Submarine (ASW) and Anti-Surface Warfare (ASuW) capabilities required to reduce the gap between the evolved legacy P-3C and P-8A systems. 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). Increment 3 will capitalize on existing planned P-8A DABs to serve as decisions points for entering future phases of planned work.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Perform technology demonstrations and analyses of proposed new capabilities <i>FY 2011 Base Plans:</i> Multiple studies and technology demonstrations and analyses of the proposed new P-8A capabilities to ascertain the most affordable, military useful, most mature technological solution. Initiate design for integrating new capabilities into P-8A Tactical Support Center.	0.000	0.000	0.496	0.000	0.496
Conduct technical, cost, risk and logistics analysis of proposed technologies <i>FY 2011 Base Plans:</i> Conduct technical, cost, risk and logistics analysis of proposed technologies. Evaluate system requirements through cost/performance trade-off analysis. Provide technical and management	0.000	0.000	1.491	0.000	1.491

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010				
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 Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
support for the development of acquisition documentation. Provide engineering and management of technical development effort.								
Accomplishments/Planned Programs Subtotals				0.000	0.000	1.987	0.000	1.987
C. Other Program Funding Summary (\$ in Millions) N/A								
D. Acquisition Strategy The P-8A Increment 3 Development & Integration Design effort will allow the P-8A to keep pace with the threat. The scope of this effort includes the integration design and test of capability enhancements to the P-8A. Integration of the Increment 3 capabilities will be accomplished incrementally, based on the scope of the integration effort. The P-8A Increment 3 effort will integrate the capabilities necessary to attain phase I of the Net-Ready Key Performance Parameter, Integration of a network enabled ASuW weapon, ARCI Capabilities, and additional ASW and ASuW capabilities required to reduce the gap between the evolved legacy P-3C and P-8A systems. Fleet introduction is planned to be accomplished incrementally based on the scope of change, with a planned completion in FY18. It is based on an evolutionary acquisition strategy consisting of sequential increments that will retain cost-wise effectiveness for winning major combat operations through 2023. These capabilities and other emergent capability requirements will be investigated during the Technology Development phase of Increment 3.								
E. Performance Metrics Milestone A to be completed 2nd quarter 2012; Milestone B to be completed 3rd quarter 2014.								

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
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>						
Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 Hdw Development	Various/ Various	Various Various	0.000	0.000		0.000		0.000		0.000	23.387	23.387	23.387	
Primary HW Dev - TBD	Various/ Various	Various Various	0.000	0.000		0.000		0.000		0.000	45.665	45.665	45.665	
Primary HW Dev - Boeing	C/TBD	Boeing St. Louis, MO	0.000	0.000		0.000		0.000		0.000	424.998	424.998	424.998	
Sys Eng (gov)	WR	NAWC AD Pax River, MD	0.000	0.000		0.496	Dec 2010	0.000		0.496	18.213	18.709	Continuing	
Subtotal			0.000	0.000		0.496		0.000		0.496	512.263	512.759	494.050	
Remarks														
Support (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	0.000	0.000		0.000		0.000		0.000	45.745	45.745	Continuing	
Studies & Analysis	Various/ Various	Various Various	0.000	0.000		0.187	Jan 2011	0.000		0.187	6.295	6.482	Continuing	
Subtotal			0.000	0.000		0.187		0.000		0.187	52.040	52.227		
Remarks														

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
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>						
Test and Evaluation (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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	0.000	0.000		0.000		0.000		0.000	148.519	148.519	Continuing	
GFE/GFI/GFP	Various/ Various	NAWC AD Pax River, MD	0.000	0.000		0.000		0.000		0.000	13.902	13.902	Continuing	
Oper Test & Eval	WR	NAWC AD Pax River, MD	0.000	0.000		0.000		0.000		0.000	16.552	16.552	Continuing	
Test Assets	Various/ Various	NAWC AD Pax River, MD	0.000	0.000		0.000		0.000		0.000	2.295	2.295	Continuing	
Subtotal			0.000	0.000		0.000		0.000		0.000	181.268	181.268		
Remarks														
Management Services (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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)	Various/ Various	TBD TBD	0.000	0.000		0.228	Dec 2010	0.000		0.228	5.267	5.495	5.495	
Mgmt Suppt Serv (NON-FFRDC)	Various/ Various	Various Various	0.000	0.000		0.894	Dec 2010	0.000		0.894	5.135	6.029	6.144	
Program Mgmt Support	WR	NAWC AD Pax River, MD	0.000	0.000		0.182	Dec 2010	0.000		0.182	3.922	4.104	Continuing	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
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>					
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Travel	WR	NAWC AD Pax River, MD	0.000	0.000		0.000		0.000		0.000	0.683	0.683	Continuing
Subtotal			0.000	0.000		1.304		0.000		1.304	15.007	16.311	11.639
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	0.000		1.987		0.000		1.987	760.578	762.565	505.689
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy			DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE		PROJECT	
1319: Research, Development, Test & Evaluation, Navy		PE 0605500N: Multi-mssn Maritime Aircraft		3218: P-8A Spiral 2 Development	
BA 5: Development & Demonstration (SDD)		(MMA) (P-8A)			

EXHIBIT R4, Schedule Profile																								DATE: February 2010						
APPROPRIATION/BUDGET ACTIVITY								PROGRAM ELEMENT NUMBER AND NAME								PROJECT NUMBER AND NAME														
1319 RDT&E, N / BA-5 SYSTEM DEVELOPMENT								0605500N, P-8A MMA								3218, P-8A INCREMENT 3 DEV & INTEG DSGN														
Fiscal Year		FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Acquisition Milestones															△								△							
Requisition Phase															Increment 3 MS								Increment 3 MS							
Design Review															Technology Development								EMD							
Contract Awards																						△								
System Design and Integration															△															
Production																							△							
Test & Evaluation Milestones																														
Production Milestones																														
Deliveries																														

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010
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

Event	Start		End	
	Quarter	Year	Quarter	Year
Increment 3 MS A	2	2012	2	2012
Contract Award (Tech Dev)	2	2012	2	2012
Technology Development	2	2012	3	2014
Preliminary Design Review (PDR)	2	2014	2	2014
Increment 3 MS B	3	2014	3	2014
Contract Award (EMD)	3	2014	3	2014
Engineering Manufacturing & Development	3	2014	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
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 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	0.000	12.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.910
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 Program (\$ in Millions)											
							FY 2009	FY 2010			
Congressional Add: Small Business Technology Insertion							0.000	12.946			
<i>FY 2010 Plans:</i> The Small Business Technology Insertion activities will fund innovative and creative small business efforts that allow the P-8 to keep pace with the rapid pace of changing technology.											
Congressional Adds Subtotals							0.000	12.946			
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.											

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