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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 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0702239N: Avionics Component Improvement Program							
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	1.772	3.511	3.250	0.000	3.250	3.322	3.410	3.496	3.575	Continuing	Continuing
3170: Avionics Component Improvement Program(AVCIP)	1.772	2.714	3.250	0.000	3.250	3.322	3.410	3.496	3.575	Continuing	Continuing
9999: Congressional Adds	0.000	0.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.797
A. Mission Description and Budget Item Justification											
Project 3170 - The Avionics Component Improvement Program (AvCIP) develops, demonstrates, integrates, tests and evaluates solutions to address critical readiness and reliability deficiencies, obsolescence, loss of sustainability, and top repair cost drivers in Navy in-service avionics systems. Project candidates are collected from across all platforms, reviewed, competed and selected in the year prior to funding allocation.											
Project 9999 - Research targeted toward extending the life of legacy avionics systems. The project will build on previous avionics life extension developments. The extension of existing avionics systems will allow the deferral of upgrades that could save the Department of Defense millions of dollars.											
B. Program Change Summary (\$ in Millions)											
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total						
Previous President's Budget	1.871	2.725	0.000	0.000	0.000						
Current President's Budget	1.772	3.511	3.250	0.000	3.250						
Total Adjustments	-0.099	0.786	3.250	0.000	3.250						
• Congressional General Reductions		-0.014									
• Congressional Directed Reductions		0.000									
• Congressional Rescissions	0.000	0.000									
• Congressional Adds		0.800									
• Congressional Directed Transfers		0.000									
• Reprogrammings	0.000	0.000									
• SBIR/STTR Transfer	-0.099	0.000									
• Program Adjustments	0.000	0.000	3.250	0.000	3.250						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy		DATE: February 2010	
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<u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u>		FY 2009	FY 2010
Project: 9999: <i>Congressional Adds</i>			
Congressional Add: <i>Avionics Life Extension</i>		0.000	0.797
Congressional Add Subtotals for Project: 9999		0.000	0.797
Congressional Add Totals for all Projects		0.000	0.797
<u>Change Summary Explanation</u>			
Technical: Not applicable.			
Schedule:			
AVCIP - Candidate Collection-Moved from the 1st Qtr-2nd Qtr FY09 to 2nd Qtr-3rd Qtr FY09 and 1st Qtr-2nd Qtr FY10 to 2nd Qtr-3rd Qtr FY10.			
07B F/A-18 Radar Altimeter Shock Mount-Test was not completed in FY08 and moved to 4th Qtr FY09. Qualification was not complete in FY08 and moved to 1st Qtr FY10. Test completion and qualification delayed for late contract start and delays of test asset deliveries from sub-contractor.			
08A NACES Sequencer-Qualification from 4th Qtr FY08 to 2nd Qtr FY09 due to set-up delays and qualification report processing.			
08C SCADC Testbench Redesign-Design review from 2nd Qtr FY09 to 1st Qtr FY09 and Qualification moved from 3rd Qtr FY09 to 4th Qtr FY09 due to delays with parallel Air Force set qualification.			
09A E-2C APS-145 WRA-29-Added Contract award 3rd Qtr FY09, Design Review 1st Qtr FY10, Test 3rd Qtr FY10 and Qualification 4th Qtr FY10.			
Congressional Adds: Not applicable.			
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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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 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0702239N: <i>Avionics Component Improvement Program</i>				PROJECT 3170: <i>Avionics Component Improvement Program(AVCIP)</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
3170: <i>Avionics Component Improvement Program(AVCIP)</i>	1.772	2.714	3.250	0.000	3.250	3.322	3.410	3.496	3.575	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Avionics Component Improvement Program (AvCIP) provides design, development, demonstration, test and evaluation, and integration support to resolve critical readiness and reliability deficiencies, obsolescence, loss of sustainability and top repair cost drivers of in-service Navy avionics systems. Funds are competitively allocated across multi-platform commodity and platform-specific projects with the objective of maintaining Avionics systems effectiveness at levels required to ensure mission success. AvCIP has been endorsed by the OSD Business Initiatives Council (BIC) as a cooperative tri-service program that adopts the better business practices and proven resourcing models of the Engine CIP. Resources are directed just prior to the execution year, allowing funds to address the most current fleet issues and accelerate solution fielding. Lack of out-year deliverable specificity is mitigated through definition of Avionics capability evolution in the Core Avionics Master Plan. Although Avionics association to digital technology brings challenges to keep pace with Moore's Law and stay ahead of obsolescence, it also affords significant opportunity to reap benefits of emerging advancements. Conversion of legacy systems from analog to digital components has consistently resulted in reliability gains that significantly reduce maintenance/repair activity/costs, save weight and space, and increase operational availability. Modern open system architecture technology insertion improves system upgradeability, by reducing integration time and cost. Avionics systems are the vehicles that enable platform connectivity and interoperability. AvCIP will help platforms integrate the modern technology that will allow them to keep pace with the rapid evolution of transformational network centric operations development. AvCIP also provides a vehicle to address unanticipated performance issues or critical changes in threat, tactics or operational demands revealed during deployment without disrupting program budget profiles designed for other purposes. AvCIP is designed to support manned and unmanned, common and unique, fixed and rotary wing aircraft electronic systems, including communications, navigation, surveillance, sensors, combat identification, civil interoperability, safety, mission data processing and display, and network connectivity equipment. Initiative selection is based upon analysis of operational priority, performance improvement, capability benefit, scope of applicability across fleet platform or weapon system inventory, technical risk, delivery time, cost and life cycle return on investment. In FY 2007, AVCIP transferred from Standards Development, PE 0604215N, Project Unit 0572.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Avionics Component Improvement Program(AVCIP)	1.772	2.714	3.250	0.000	3.250

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<p>Investigate High Value Return on Investment Candidates, addressing avionics critical readiness and reliability deficiencies, obsolescence, loss of sustainability and top repair cost drivers. Prioritize critical avionics performance, capability and obsolescence problems that require immediate attention. Pursue solutions to these problems based upon urgency, warfighting contribution and return on investment. Develop and test system solutions based on priority. Resources will cover program management, engineering, contracting and logistics efforts; design and development, logistics elements such as technical data, support equipment, provisioning, and training; prototypes; platform integration; and developmental/operational testing.</p> <p><i>FY 2009 Accomplishments:</i> FY 09: Completed design and development of a test capability (Modular Automated Test Equipment) for the Standard Central Air Data Computer used on EA-6B, E-2C and C-2A aircraft. Commenced the first phase of a two-year design and development of modern solid state RF Amplifier for clean and reliable power control for the E-2C APS-145 Radar system.</p> <p><i>FY 2010 Plans:</i> FY 10: (a) Second (last) phase of E-2C APS-145 Radar RF Amplifier; (b) Design and develop modern digital auto-pilot for EP-3; (c) Design, develop and qualify a modern expeditionary (transportable) Air Traffic Control and Landing System; (d) Design and qualify a 24 channel GPS signal reception card to enable compliance with Required Navigational Performance criteria; (e) Design a modern component cockpit lighting system to address unsafe loss of illumination issues in the E-2C; (f) Design a modern component sensor for reliable activation of emergency hatch lighting in the E-2C.</p> <p><i>FY 2011 Base Plans:</i> FY 11 Base: Address current fleet problem avionics systems (top readiness degraders, cost drivers, obsolescence-driven sustainability, capability loss, fleet head-hurters). Projects will be similar to those addressed above in FY09 and FY10. They will be chosen following a comprehensive review of most important and executable project submissions. In order to address those issues with more imminent</p>						

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B. Accomplishments/Planned Program (\$ in Millions)												
								FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
and direct Fleet operational impacts, this review is completed following a formal solicitation and review that is completed mid-year in the year prior to execution. Candidate prioritization and selection are followed by project endorsement which leads to contract award in year of execution.												
Accomplishments/Planned Programs Subtotals								1.772	2.714	3.250	0.000	3.250
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	
• APN/0577: Common Avionics	2.000	2.000	2.000	0.000	2.000	2.000	2.000	2.000	2.000	116.185	130.185	
D. Acquisition Strategy												
The Avionics Component Improvement Program (AvCIP) will annually compete candidate solutions according to criticality of operational contribution, technical risk, return on investment, and breadth of application. OPNAV N88 and N43, NAVAIR, NAVICP and the Fleet will participate in project selection for execution year allocation. The AvCIP IPT will monitor project execution and track return on investment using Fleet supply and component performance tracking systems (Snapshot, NALCOMIS, NALDA, LMDS/Deckplate, VAMOSC). Demonstrated Fleet operation/sustainment cost avoidances will be coordinated with N43 Flying Hour Program. Modification solutions include modular hardware, software and material upgrades. Resources will cover program management, engineering, contracting and logistics efforts; design and development, logistics elements such as technical data, support equipment, provisioning, and training; prototypes; platform integration; and developmental/operational testing.												
E. Performance Metrics												
The AVCIP program goal is successful establishment of AVCIP projects, execution and benefits tracking mechanisms.												

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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 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0702239N: Avionics Component Improvement Program				PROJECT 3170: Avionics Component Improvement Program(AVCIP)					
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	
Primary Hardware Development	Various/ Various	Various Various	2.748	0.000		0.550	Mar 2011	0.000		0.550	Continuing	Continuing	Continuing	
Ancillary Hardware Development	Various/ TBD	TBD TBD	0.000	0.514	Mar 2010	0.450	Mar 2011	0.000		0.450	Continuing	Continuing	Continuing	
Aircraft Integration	Various/ TBD	TBD TBD	0.457	0.500	Mar 2010	0.000		0.000		0.000	Continuing	Continuing	Continuing	
Systems Engineering	WR	NAWCAD Patuxent River, MD	0.090	0.350	Mar 2010	1.094	Mar 2011	0.000		1.094	Continuing	Continuing	Continuing	
Subtotal			3.295	1.364		2.094		0.000		2.094				
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	
Development Support	Various/ TBD	TBD TBD	0.000	0.300	Mar 2010	0.000		0.000		0.000	Continuing	Continuing	Continuing	
Integrated Logistics Support	WR	Various Various	0.132	0.000		0.150	Mar 2011	0.000		0.150	Continuing	Continuing	Continuing	
Studies & Analyses	WR	NAWCAD	0.000	0.269	Mar 2010	0.300	Mar 2011	0.000		0.300	Continuing	Continuing	Continuing	

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Support (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="4"></th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th colspan="3"></th> </tr> <tr> <th>Cost Category Item</th> <th>Contract Method & Type</th> <th>Performing Activity & Location</th> <th>Total Prior Years Cost</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> <tr> <td></td> <td></td> <td>Patuxent River, MD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td>0.132</td> <td>0.569</td> <td></td> <td>0.450</td> <td></td> <td>0.000</td> <td></td> <td>0.450</td> <td></td> <td></td> <td></td> </tr> </table>																		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			Patuxent River, MD												Subtotal			0.132	0.569		0.450		0.000		0.450			
				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																																																								
		Patuxent River, MD																																																																			
Subtotal			0.132	0.569		0.450		0.000		0.450																																																											
Remarks																																																																					
Test and Evaluation (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="4"></th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th colspan="3"></th> </tr> <tr> <th>Cost Category Item</th> <th>Contract Method & Type</th> <th>Performing Activity & Location</th> <th>Total Prior Years Cost</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> <tr> <td>Developmental Test & Evaluation</td> <td>WR</td> <td>NAWCAD Patuxent River, MD</td> <td>0.000</td> <td>0.230</td> <td>Nov 2009</td> <td>0.350</td> <td>Nov 2010</td> <td>0.000</td> <td></td> <td>0.350</td> <td>Continuing</td> <td>Continuing</td> <td>Continuing</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td>0.000</td> <td>0.230</td> <td></td> <td>0.350</td> <td></td> <td>0.000</td> <td></td> <td>0.350</td> <td></td> <td></td> <td></td> </tr> </table>																		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	Developmental Test & Evaluation	WR	NAWCAD Patuxent River, MD	0.000	0.230	Nov 2009	0.350	Nov 2010	0.000		0.350	Continuing	Continuing	Continuing	Subtotal			0.000	0.230		0.350		0.000		0.350			
				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																																																								
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Subtotal			0.000	0.230		0.350		0.000		0.350																																																											
Remarks																																																																					

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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
Contractor Engineering Support	Various/ Various	Various Various	0.072	0.000		0.000		0.000		0.000	Continuing	Continuing	Continuing
Government Engineering Support	WR	NAWCAD Patuxent River, MD	0.500	0.250	Nov 2009	0.150	Nov 2010	0.000		0.150	Continuing	Continuing	Continuing
Program Management Support	Various/ Various	Various Various	0.625	0.301	Nov 2009	0.206	Nov 2010	0.000		0.206	Continuing	Continuing	Continuing
Subtotal			1.197	0.551		0.356		0.000		0.356			
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			4.624	2.714		3.250		0.000		3.250			
Remarks													

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

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

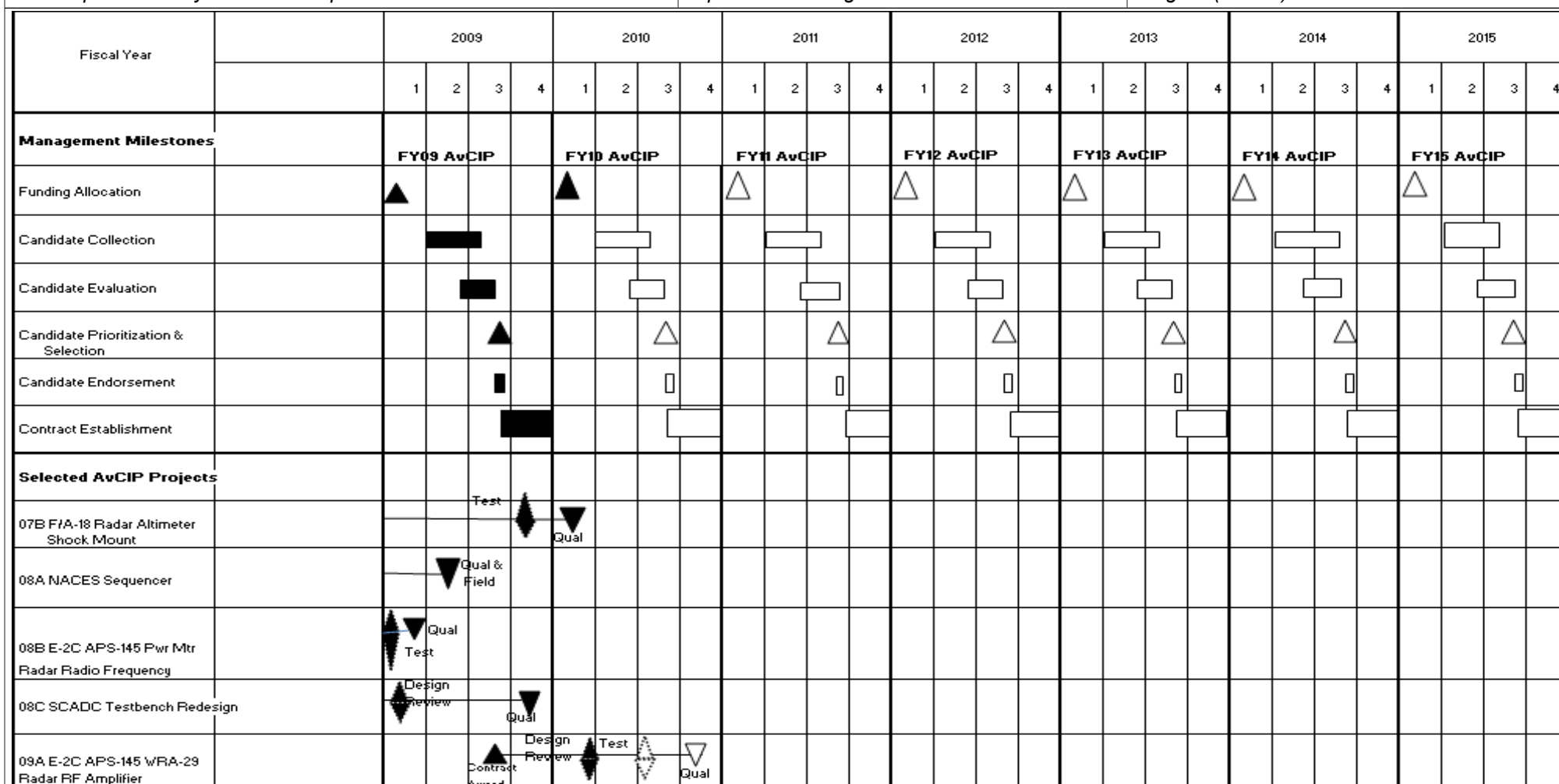
1319: Research, Development, Test & Evaluation, Navy
BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0702239N: Avionics Component Improvement Program

PROJECT

3170: Avionics Component Improvement Program(AVCIP)



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

Event	Start		End	
	Quarter	Year	Quarter	Year
AvCIP Funding Allocation 1	1	2009	1	2009
AvCIP Funding Allocation 2	1	2010	1	2010
AvCIP Funding Allocation 3	1	2011	1	2011
AvCIP Funding Allocation 4	1	2012	1	2012
AvCIP Funding Allocation 5	1	2013	1	2013
AvCIP Funding Allocation 6	1	2014	1	2014
AvCIP Funding Allocation 7	1	2015	1	2015
AvCIP Candidate Collection 1	2	2009	3	2009
AvCIP Candidate Collection 2	2	2010	3	2010
AvCIP Candidate Collection 3	2	2011	3	2011
AvCIP Candidate Collection 4	2	2012	3	2012
AvCIP Candidate Collection 5	2	2013	3	2013
AvCIP Candidate Collection 6	2	2014	3	2014
AvCIP Candidate Collection 7	2	2015	3	2015
AvCIP Candidate Evaluation 1	2	2009	3	2009
AvCIP Candidate Evaluation 2	2	2010	3	2010
AvCIP Candidate Evaluation 3	2	2011	3	2011
AvCIP Candidate Evaluation 4	2	2012	3	2012

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	Start		End	
Event	Quarter	Year	Quarter	Year
AvCIP Candidate Evaluation 5	2	2013	3	2013
AvCIP Candidate Evaluation 6	2	2014	3	2014
AvCIP Candidate Evaluation 7	2	2015	3	2015
AvCIP Candidate Prioritization & Selection 1	3	2009	3	2009
AvCIP Candidate Prioritization & Selection 2	3	2010	3	2010
AvCIP Candidate Prioritization & Selection 3	3	2011	3	2011
AvCIP Candidate Prioritization & Selection 4	3	2012	3	2012
AvCIP Candidate Prioritization & Selection 5	3	2013	3	2013
AvCIP Candidate Prioritization & Selection 6	3	2014	3	2014
AvCIP Candidate Prioritization & Selection 7	3	2015	3	2015
AvCIP Candidate Endorsement 1	3	2009	3	2009
AvCIP Candidate Endorsement 2	3	2010	3	2010
AvCIP Candidate Endorsement 3	3	2011	3	2011
AvCIP Candidate Endorsement 4	3	2012	3	2012
AvCIP Candidate Endorsement 5	3	2013	3	2013
AvCIP Candidate Endorsement 6	3	2014	3	2014
AvCIP Candidate Endorsement 7	3	2015	3	2015
AvCIP Project Contract Establishment 1	3	2009	4	2009
AvCIP Project Contract Establishment 2	3	2010	4	2010
AvCIP Project Contract Establishment 3	3	2011	4	2011

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	Start		End	
Event	Quarter	Year	Quarter	Year
AvCIP Project Contract Establishment 4	3	2012	4	2012
AvCIP Project Contract Establishment 5	3	2013	4	2013
AvCIP Project Contract Establishment 6	3	2014	4	2014
AvCIP Project Contract Establishment 7	3	2015	4	2015
07B F/A-18 Radar Altimeter Mod	1	2009	1	2009
-Testing Complete F/A-18	4	2009	4	2009
-Qualification F/A-18	1	2010	1	2010
08A NACES Sequencer Test Bench	1	2009	1	2009
-Qualification & Fielding	2	2009	2	2009
08B E-2C APS-145 WRA-17 Radar Power Meter	1	2009	1	2009
-Testing Complete E-2C	1	2009	1	2009
-Qualification E-2C	1	2009	1	2009
08C SCADC Testbench Redesign	1	2009	1	2009
-Design Review SCADC	1	2009	1	2009
-Qualification DCADC	4	2009	4	2009
09A E-2C APS-145 WRA-29 Radar RF Amplifier	1	2009	1	2009
-Contract Award E-2C AP-145	3	2009	3	2009
-Design Review E-2C AP-145	1	2010	1	2010
-Testing Complete E-2C AP-145	3	2010	3	2010
-Qualification E-2C AP-145	4	2010	4	2010

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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 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0702239N: <i>Avionics Component Improvement Program</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	0.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.797
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification
 Congressional Add. Research targeted toward extending the life of legacy avionics systems. The project will build on previous avionics life extension developments. The extension of existing avionics systems will allow the deferral of upgrades that could save the Department of Defense millions of dollars.

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

	FY 2009	FY 2010
Congressional Add: Avionics Life Extension	0.000	0.797
<i>FY 2010 Plans:</i> Research targeted toward extending the life of legacy avionics systems. The project will build on previous avionics life extension developments. The extension of existing avionics systems will allow the deferral of upgrades that could save the Department of Defense millions of dollars.		
Congressional Adds Subtotals	0.000	0.797

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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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0702239N: Avionics Component Improvement Program				PROJECT 9999: Congressional Adds			
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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
Product Development	Various/ TBD	Various Various	0.000	0.797	Mar 2010	0.000		0.000		0.000	0.000	0.797	0.797
Subtotal			0.000	0.797		0.000		0.000		0.000	0.000	0.797	0.797

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	0.797		0.000		0.000		0.000	0.000	0.797	0.797

Remarks

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