

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification						DATE: <b>May 2009</b>		
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-7				R-1 ITEM NOMENCLATURE 0303158N Joint Command and Control (JC2) Program				
COST (\$ in Millions)	FY2008	FY2009	FY2010					
Total PE Cost	4.620	4.127	4.139					
3146 NET-ENABLED COMMAND CAPABILITY (NECC) PROGRAM (Formerly Joint Command and Control (JC2))	4.620	4.127	4.139					
Quantity of RDT&E Articles								
<p><b>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b></p> <p>The Net-Enabled Command Capability (NECC) is the Department of Defense's (DoD) principal command and control capability that will be accessible in a net-centric environment and focused on providing the commander with the data and information needed to make timely, effective and informed decisions. NECC is a Joint program with Defense Information System Agency (DISA) as the lead Component Program Management Office (CPMO). The NECC Navy manages Navy Implementation and development of Capability Modules as assigned by DISA CPMO in support of the Joint program. NECC draws from the command and control (C2) community to evolve current and provide new C2 capabilities into a fully integrated, interoperable, collaborative Joint solution. Warfighters can rapidly adapt to changing mission needs by defining and tailoring their information environment and drawing on capabilities that enable the efficient, timely and effective command of forces and control of engagements.</p> <p>DoD has placed its emphasis upon NECC as the future of C2 for the warfighter. The Department cannot accomplish its mission to provide an integrated, flexible, and adaptable full spectrum DoD C2 capability by continuing to rely on independently built and deployed systems that result in situational awareness and force identification variations, data incompatibilities, and non-interoperable services and applications supporting time-critical decisions. Consequently, the Deputy Secretary of Defense has directed that DoD funding be internally realigned into the NECC Program. These funding realignments provide a single, integrated, coherent enhancement of the Department's capability for operational level Joint command and control (JC2) by addressing some of the shortfalls within existing C2 capabilities. The NECC CPMO will continue developing Capabilities Modules in FY10 in support of the Joint program.</p> <p>The migration of existing C2 capabilities towards the standards being developed and adopted as well as the integration of capability modules that are destined for piloting activities into the Maritime Operating Environment is a critical effort that the Navy Component Program Management Office (CPMO) performs.</p>								

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<p><b>B. PROGRAM CHANGE SUMMARY:</b></p> <table style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding:</th> <th style="text-align: right;"><u>FY08</u></th> <th style="text-align: right;"><u>FY09</u></th> <th style="text-align: right;"><u>FY10</u></th> </tr> </thead> <tbody> <tr> <td>PB09 President's Budget</td> <td style="text-align: right;">4.797</td> <td style="text-align: right;">4.148</td> <td style="text-align: right;">4.184</td> </tr> <tr> <td>PB10 President's Submit</td> <td style="text-align: right;">4.620</td> <td style="text-align: right;">4.127</td> <td style="text-align: right;">4.139</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">-0.177</td> <td style="text-align: right; border-top: 1px solid black;">-0.021</td> <td style="text-align: right; border-top: 1px solid black;">-0.045</td> </tr> </tbody> </table> <p style="margin-left: 40px;">Summary of Adjustments:</p> <table style="margin-left: 40px; border-collapse: collapse;"> <tbody> <tr> <td>Congressional Rescissions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Congressional Adjustments</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SBIR/STTR/FTT Assessment</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Program Adjustments</td> <td style="text-align: right;">-0.177</td> <td></td> <td></td> </tr> <tr> <td>Rate/Misc Adjustments</td> <td></td> <td style="text-align: right;">-0.021</td> <td style="text-align: right;">-0.045</td> </tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">-0.177</td> <td style="text-align: right; border-top: 1px solid black;">-0.021</td> <td style="text-align: right; border-top: 1px solid black;">-0.045</td> </tr> </tbody> </table> <p style="margin-left: 40px;">Schedule:</p> <p style="margin-left: 40px;">The schedule profile identifies the projected milestones for NECC Increment I. The NECC program is modifying the FY09 plan to meet the requirements laid out by USD (AT&amp;L) with MS B occurring in FY09. Increment I will provide required operational capabilities developed in the FY08-10 period. The NECC program will be developed and executed within an evolutionary acquisition framework.</p>  <p style="margin-left: 40px;">Technical:</p> <p style="margin-left: 60px;">Not Applicable</p>			Funding:	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	PB09 President's Budget	4.797	4.148	4.184	PB10 President's Submit	4.620	4.127	4.139	Total Adjustments	-0.177	-0.021	-0.045	Congressional Rescissions				Congressional Adjustments				SBIR/STTR/FTT Assessment				Program Adjustments	-0.177			Rate/Misc Adjustments		-0.021	-0.045		-0.177	-0.021	-0.045
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EXHIBIT R-2a, RDT&E Project Justification				DATE: <b>May 2009</b>			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME			PROJECT NUMBER AND NAME			
<b>RDT&amp;E, N / BA-7</b>	0303158N Joint Command and Control (JC2) Program			3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))			
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010				
Project Cost	4.620	4.127	4.139				
RDT&E Articles Qty							
<b>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b>							
<p>The Net-Enabled Command Capability (NECC) is the DoD's principal command and control capability that will be accessible in a net-centric environment and focused on providing the commander with the data and information needed to make timely, effective and informed decisions. NECC draws from the command and control (C2) community to evolve current and provide new C2 capabilities into a fully integrated, interoperable, collaborative Joint solution. Warfighters can rapidly adapt to changing mission needs by defining and tailoring their information environment and drawing on capabilities that enable the efficient, timely and effective command of forces and control of engagements.</p> <p>DoD has placed its emphasis upon NECC as the future of C2 for the warfighter. The Department cannot accomplish its mission to provide an integrated, flexible, and adaptable full spectrum DoD C2 capability by continuing to rely on independently built and deployed systems that result in situational awareness and force identification variations, data incompatibilities, and non-interoperable services and applications supporting time-critical decisions. Consequently, the Deputy Secretary of Defense has directed that DoD funding be internally realigned into the NECC Program. These funding realignments provide a single, integrated, coherent enhancement of the Department's capability for operational level Joint command and control (JC2) by addressing some of the shortfalls within existing C2 capabilities.</p> <p>The NECC Component Program Management Office (CPMO) will continue developing Capabilities Modules in FY10 in support of the Joint program.</p> <p>The migration of existing C2 capabilities towards the standards being developed and adopted as well as the integration of capability modules that are destined for piloting activities into the Maritime Operating Environment is a critical effort that the Navy CPMO performs.</p>							

EXHIBIT R-2a, RDT&E Project Justification

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
<b>RDT&amp;E, N / BA-7</b>	0303158N Joint Command and Control (JC2) Program	3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))	
<b>B. Accomplishments/Planned Program</b>			
Net-Enabled Command Capability (NECC)	FY 08	FY 09	FY 10
Accomplishments/Effort/Subtotal Cost	4.620	4.127	4.139
RDT&E Articles Quantity			
<p>FY08 Accomplishments: Continued the migration of additional maritime command and control (GCCS FoS) capabilities to standards-based architectures. Development of capabilities allocated to the Navy Component Program Management Office (CPMO) in accordance with the Capability Development Document (CDD), in support of NECC Inc I System Development and Demonstration (SDD) phase activities.</p> <p>FY09-10: Continue to migrate additional maritime command and control (GCCS FoS) capabilities to standards-based architectures. Manage development of command and control capabilities as allocated to the Navy CPMO in accordance with the CDD, in support of NECC Inc I SDD phase activities.</p>			

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<p><b>C. OTHER PROGRAM FUNDING SUMMARY:</b></p> <p><u>Line Item No. &amp; Name</u></p> <p>N/A</p> <p><b>D. ACQUISITION STRATEGY:</b></p> <p>The Net-Enabled Command Capability (NECC) Program builds net-centric services as Capability Modules (CM), not a large, completely integrated software system. CMs are small, loosely coupled, militarily useful pieces of software resident on the Global Information Grid (GIG). A key concept behind NECC is to build capabilities and deliver CMs to the Warfighter, as they are ready, not to wait for major milestones for a complete software release. The individual nature of CMs and the planned responsiveness to the Warfighter require agility and flexibility in NECC's requirements/capability-needs identification, development and validation systems engineering, materiel development, contracting, testing, funding, and acquisition processes. Rapid delivery results in having multiple CMs in concurrent stages of development, operations, or sustainment within an increment, which changes the nature of the program's milestone decisions and funding requirements. The result is a net-centric set of services provided to Warfighters quickly, which gives them the capabilities they need to achieve and sustain Decision Superiority to accomplish their missions. The overarching NECC contracting approach is to acquire CMs, services, and materials through various types of full and open, competitively awarded, performance-based and performance-driven outcome contracts. NECC's primary contracting method utilizes Indefinite Delivery, Indefinite Quantity (IDIQ) contracts to develop CMs. The NECC Joint Program Management Office (JPMO) and Component Management Offices (CPMOs), acting as NECC systems integrators/material developers, have the flexibility to award multiple Task Orders (TOs) under the selected vehicles. In instances in which using an existing IDIQ contract is not feasible, NECC will acquire services and material through a new competitively awarded contract.</p> <p><b>E. MAJOR PERFORMERS:</b></p> <p>Space &amp; Naval Warfare Systems Command Systems Centers (SPAWARSYSCENS) San Diego and Charleston provide support as the Government research and development facilities. Program and engineering support provided by Booz Allen Hamilton and various subcontractors.</p>		

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Exhibit R-3 Cost Analysis (page 1)										DATE: <b>May 2009</b>		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-7</b>			0303158N Joint Command and Control (JC2) Program			3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 09 Cost	FY 09 Award Date	FY 10 Cost	FY 10 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development											0.000	0.000
Ancillary Hardware Development											0.000	0.000
Systems Engineering	VARIOUS	VARIOUS	3.133	1.036	VARIOUS	1.022	VARIOUS			Continuing	Continuing	Continuing
Licenses											0.000	0.000
Tooling											0.000	0.000
GFE											0.000	0.000
Award Fees											0.000	0.000
Subtotal Product Development			3.133	1.036		1.022				Continuing	Continuing	Continuing
Remarks:												
Development Support	VARIOUS	VARIOUS	1.992	0.548	VARIOUS	0.570	VARIOUS			Continuing	Continuing	Continuing
Software Development	VARIOUS	VARIOUS	2.195	0.543	VARIOUS	0.560	VARIOUS			Continuing	Continuing	Continuing
Training Development											0.000	0.000
Integrated Logistics Support	VARIOUS	VARIOUS	0.806	0.272	VARIOUS	0.351	VARIOUS			Continuing	Continuing	Continuing
Configuration Management											0.000	0.000
Technical Data											0.000	0.000
GFE											0.000	0.000
Subtotal Support			4.993	1.363		1.481				Continuing	Continuing	Continuing
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)								DATE: <b>May 2009</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>			PROGRAM ELEMENT 0303158N Joint Command and Control (JC2) Program					PROJECT NUMBER AND NAME 3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))				
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 09 Cost	FY 09 Award Date	FY 10 Cost	FY 10 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	VARIOUS	VARIOUS	1.653	0.148	VARIOUS	0.159	VARIOUS			Continuing	Continuing	Continuing
Operational Test & Evaluation	WX	OPTEVFOR	0.116	0.000		0.000				Continuing	Continuing	Continuing
Live Fire Test & Evaluation											0.000	0.000
Test Assets											0.000	0.000
Tooling											0.000	0.000
GFE											0.000	0.000
Subtotal T&E			1.769	0.148		0.159				Continuing	Continuing	Continuing
Remarks:												
Contractor Engineering Support	VARIOUS	VARIOUS	2.068	1.187	VARIOUS	1.080	VARIOUS			Continuing	Continuing	Continuing
Government Engineering Support	WX	SSC SD	2.335	0.393	VARIOUS	0.397	VARIOUS			Continuing	Continuing	Continuing
Program Management Support												0.000
Travel												0.000
Subtotal Management			4.403	1.580		1.477				Continuing	Continuing	Continuing
Remarks:												
Total Cost			14.298	4.127		4.139				Continuing	Continuing	Continuing
Remarks												

Exhibit R-3, RDTEN Cost Analysis



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Exhibit R-4a, Schedule Detail					DATE: <b>May 2009</b>			
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /BA-7</b>	PROGRAM ELEMENT 0303158N Joint Command and Control (JC2) Program				PROJECT NUMBER AND NAME 3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))			
Schedule Profile	FY 2008	FY 2009	FY 2010					
<b>Acquisition Milestones</b>								
NECC Inc I MS B (Projected)		Q4						
NECC Inc I Full Deployment Decision Review (FDDR) (Projected)								
<b>Technology Development (TD)</b>								
<b>Activities - Increment I</b>								
System Engineering	Q1-Q4	Q1-Q4						
Tech Risk Reduction/Piloting	Q1-Q4	Q1-Q4						
Piloting Integration	Q1-Q4	Q1-Q4						
Define/Design/Dev Capability Modules	Q1-Q4	Q1-Q4						
<b>System Demonstration and Development Activities</b>								
Increment I			Q1 - Q4					
Increment II								

Exhibit R-4a, Schedule Detail