

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: February 2007	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5				R-1 ITEM NOMENCLATURE 0303158N Joint Command and Control (JC2) Program				
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total PE Cost	4.928	5.040	5.015	4.972	4.956	4.910	5.000	5.095
3146 NET-ENABLED COMMAND CAPABILITY (NECC) PROGRAM (Formerly Joint Command and Control (JC2))	4.928	5.040	5.015	4.972	4.956	4.910	5.000	5.095
Quantity of RDT&E Articles								

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

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.

DoD has placed its emphasis upon NECC as the future of C2 for the warfighter. The Department can not 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 NECC. FY 2008 will be primarily focused on NECC technology piloting activities in order to speed up the development, integration, testing, and evaluation of new C2 capabilities; while in FY 2009, the focus will be on the development of Situational Awareness and Deployment Planning C2 capabilities.

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 performs.

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(U) B. PROGRAM CHANGE SUMMARY:					
(U) Funding:		FY 2006	FY 2007	FY 2008	FY 2009
FY07 President's Budget		4.925	5.073	5.078	4.938
FY08 President's Budget		4.928	5.040	5.015	4.972
Total Adjustments		0.003	-0.033	-0.063	0.034
Summary of Adjustments					
Price Adjustment				0.019	0.043
Unfunded ORACLE AFLOAT				-0.096	-0.020
FY08/09 NWCF Rate Adjustments-SPAWAR Systems Center				0.014	0.011
Sec. 8106: Revised Economic Assumptions			-0.019	0.000	0.000
Sec. 8023: Federally Funded R&D Center			-0.014	0.000	0.000
Sec. 8125: Revised Economic Assumptions		0.001	0.000	0.000	0.000
Congressional Action 1% Reduction		0.002	0.000	0.000	0.000
Subtotal		0.003	-0.033	-0.063	0.034
 (U) Schedule:					
The					
 (U) Technical:					
Not Applicable					

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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2007		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 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 (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Project Cost	4.928	5.040	5.015	4.972	4.956	4.910	5.000	5.095
RDT&E Articles Qty								

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

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(U) B. Accomplishments/Planned Program

	FY 06	FY 07	FY 08	FY 09
Accomplishments/Effort/Subtotal Cost	4.928	5.040	5.015	4.972
RDT&E Articles Quantity				

FY 06: Successful migration of selected maritime command and control capabilities to commercial standards and architectures envisioned to be used by the Net-Enabled Command Capability (NECC) Program. Successful completion of Milestone A. Navy Component Program Management Office's (CPMO) participated in Technology Development (TD) Phase activities and acquisition documentation development.

FY 07: Planned migration of additional maritime command and control (e.g., GCCS-M) capabilities to standards-based architectures. Begin development of the plans for transfer of Global Command and Control System - Maritime (GCCS-M) management and functionality to NECC. Continued participation in NECC TD phase activities and development of acquisition documentation required for Milestone B.

FY 08/09: Continue migration of additional maritime command and control (e.g., GCCS-M) capabilities to standards-based architectures. Participate in NECC Inc I System Development and Demonstration (SDD) Phase activities.

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME			PROJECT NUMBER AND NAME					
RDT&E, N / BA-5	0303158N Joint Command and Control (JC2) Program			3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))					
(U) C. OTHER PROGRAM FUNDING SUMMARY:									
<u>Line Item No. & Name</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
N/A									
(U) D. ACQUISITION STRATEGY:									
N/A									
(U) E. MAJOR PERFORMERS:									
Space & 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.									

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Exhibit R-3 Cost Analysis (page 1)										DATE: February 2007		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME					
RDT&E, N / BA 5			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 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 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	1.175	1.200	VARIOUS	1.197	VARIOUS	1.219	VARIOUS	Continuing	Continuing	0.000
Licenses											0.000	0.000
Tooling											0.000	0.000
GFE											0.000	0.000
Award Fees											0.000	0.000
Subtotal Product Development			1.175	1.200		1.197		1.219		Continuing	Continuing	0.000
Remarks:												
Development Support	VARIOUS	VARIOUS	0.625	0.700	VARIOUS	0.711	VARIOUS	0.691	VARIOUS	Continuing	Continuing	0.000
Software Development	VARIOUS	VARIOUS	0.625	0.803	VARIOUS	0.812	VARIOUS	0.790	VARIOUS	Continuing	Continuing	0.000
Training Development											0.000	0.000
Integrated Logistics Support	VARIOUS	VARIOUS		0.400	VARIOUS	0.406	VARIOUS	0.395	VARIOUS	Continuing	Continuing	0.000
Configuration Management											0.000	0.000
Technical Data											0.000	0.000
GFE											0.000	0.000
Subtotal Support			1.250	1.903		1.929		1.876		Continuing	Continuing	0.000
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)								DATE: February 2007				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT					PROJECT NUMBER AND NAME				
RDT&E, N / BA-5			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 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	SSC SD	1.253	0.150		0.152		0.148		Continuing	Continuing	0.000
Operational Test & Evaluation	WX	OPTEVFOR		0.075		0.051		0.050		Continuing	Continuing	0.000
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			1.253	0.225		0.203		0.198		Continuing	Continuing	0.000
Remarks:												
Contractor Engineering Support				1.142	VARIOUS	1.127	VARIOUS	1.136	VARIOUS	Continuing	Continuing	0.000
Government Engineering Support	WX	SSC SD	1.250	0.570		0.559		0.543		Continuing	Continuing	0.000
Program Management Support											0.000	0.000
Travel											0.000	0.000
Subtotal Management			1.250	1.712		1.686		1.679		0.000	6.327	0.000
Remarks:												
Total Cost			4.928	5.040		5.015		4.972		Continuing	Continuing	0.000
Remarks:												

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EXHIBIT R4, Schedule Profile																				DATE: February 2007																
APPROPRIATION/BUDGET ACTIVITY								PROGRAM ELEMENT NUMBER AND NAME								PROJECT NUMBER AND NAME																				
RD T&E, N / BA-5								0303158N Joint Command and Control (JC2) Program								3146 Net-Enabled Command Capability (NECC) Program (Formerly Joint Command and Control (JC2))																				
Fiscal Year	2006				2007				2008				2009				2010				2011				2012				2013							
	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	1	2	3	4				
Acquisition Milestones	NECC Inc 1 MS A								NECC Inc 1 MS B (Projected)								NECC Inc I FRPDR (Projected)								NECC Inc II FRPDR (Projected)											
Technology Development Activities																																				
System Engineering	△	△	△	△	△	△	△																													
Establish Federated Development Certification Environment (FDCE)	△	△	△	△	△	△	△																													
Technology Risk-Reduction / Piloting				△	△	△	△	△																												
Piloting Integration					△	△	△	△																												
Define / Design / Develop Capability Modules	△	△	△	△	△	△	△																													
System Development and Demonstration Activities																																				
Increment I									△	△	△	△	△	△	△	△	△	△	△	△																
Increment II																	△	△	△	△	△	△	△	△	△	△	△	△								
Increment III																									△	△	△	△	△	△	△	△				

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Exhibit R-4a, Schedule Detail						DATE: February 2007		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-5	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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Acquisition Milestones								
NECC Inc I MS A	Q2							
NECC Inc I MS B (Projected)			Q1					
Increment I FRPDR (Projected)					Q4			
Increment II FRPDR (Projected)							Q4	
Technology Development (TD)								
Activities - Increment I								
System Engineering	Q1 - Q4	Q1 - Q3						
Establish FDCE	Q2 - Q4	Q1 - Q3						
Tech Risk Reduction/Piloting	Q4	Q1 - Q4						
Piloting Integration		Q1 - Q4						
Define/Design/Dev Capability Modules	Q1 - Q4	Q1 - Q3						
TD Activities - Increment II			Q1 - Q4	Q1 - Q4				
TD Activities - Increment III					Q1 - Q4	Q1 - Q4		
System Demonstration and Development Activities								
Increment I			Q1 - Q4	Q1 - Q4	Q1 - Q4			
Increment II					Q1 - Q4	Q1 - Q4	Q1 - Q4	
Increment III							Q1 - Q4	Q1 - Q4