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CLASSIFICATION:								
EXHIBIT R-2, RDT&E Budget Item Justification							DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-7				R-1 ITEM NOMENCLATURE 0303158N Joint Command and Control (JC2) Program				
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	0.000	0.000	5.000	5.000	5.000	5.000	5.000	5.000
3146 JOINTCOMMAND AND CONTROL (JC2)	0.000	0.000	5.000	5.000	5.000	5.000	5.000	5.000
Quantity of RDT&E Articles								

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

The Joint Command And Control (JC2) capability will contain the fundamental building blocks and common applications for all fielded DoD Command and Control Systems. JC2 will provide the warfighter: (1) timely access to battlefield information, and (2) state-of-the-art information processing capability to support the Command and Control of DoD, Allied and coalition forces through a combination of communications, intelligence and combat system interfaces. In FY05, GCCS-M will begin migration to Joint Command and Control (JC2) development in coordination with the Joint Command and Control (JC2) Program. Efforts in FY06-07 will support migration of GCCS-M capabilities to commercial best practices as the JC2 architecture is further refined.

JC2 will include all C4I applications required to fully support Navy/joint interoperability in the littoral environment, and includes all common functions such as track database management, message processing, display implementation, correlation and system architecture migration in order to ensure a coherent and consistent implementation of C4I architectures in the Fleet. The Joint Command and Control (JC2) capability will be the Department of Defense (DoD) principal command and control (C2) information technology system. JC2 will provide agile C2 capabilities allowing joint forces to achieve a tempo of operations, decision-making, and command that adversaries cannot match. JC2 will enable decision superiority via advanced collaborative information sharing achieved through vertical/horizontal joint C2 interoperability. Transformation to future warfighting capabilities requires enhanced battlespace awareness, timely information exchange, and net-centric forces to support critical joint and multinational operations.

Global Command and Control System (GCCS) including GCCS-M, will evolve from its current state of joint and Service variants to a single joint C2 architecture and capabilities-based implementation comprised of joint mission capability packages and Service-unique applications based on Global Information Grid (GIG) enterprise services enabling shared access to Service/Agency/joint-provided data sources. The first step in this evolution is the creation of a DoD Program Element and transfer of some funding from each of the services' GCCS program lines, beginning in FY 06. JC2 will support force-level planning, execution, monitoring, and assessment of joint and multinational operations. JC2 will employ a secure, collaborative, web-enabled, and tailorable C2 architecture that provides decision superiority and vertical/horizontal interoperability. Users will access shared data sources through common Internet Protocol (IP)-based network services, common data representations, and common catalogs/directories capable of utilizing intelligent thin and ubiquitous (e.g., wireless, PDA) clients.

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EXHIBIT R-2a, RDT&E Project Justification								DATE: February 2005			
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 JOINT COMMAND AND CONTROL (JC2)					
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
Project Cost		0.000	0.000	5.000	5.000	5.000	5.000	5.000	5.000		
RDT&E Articles Qty											
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>The Joint Command And Control (JC2) program will contain the fundamental building blocks and common applications for all fielded DoD Command and Control Systems. JC2 will provide the warfighter: (1) timely access to battlefield information, and (2) state-of-the-art information processing capability to support the Command and Control of DoD, Allied and coalition forces through a combination of communications, intelligence and combat system interfaces. In FY05, GCCS-M will begin migration to Joint Command and Control (JC2) development in coordination with the Joint Command and Control (JC2) Program. Efforts in FY06-07 will support migration of GCCS-M capabilities to commercial best practices as the JC2 architecture is further refined.</p> <p>JC2 will include all C4I applications required to fully support Navy/joint interoperability in the littoral environment, and includes all common functions such as track database management, message processing, display implementation, correlation and system architecture migration in order to ensure a coherent and consistent implementation of C4I architectures in the Fleet. The Joint Command and Control (JC2) capability will be the Department of Defense (DoD) principal command and control (C2) information technology system. JC2 will provide agile C2 capabilities allowing joint forces to achieve a tempo of operations, decision-making, and command that adversaries cannot match. JC2 will enable decision superiority via advanced collaborative information sharing achieved through vertical/horizontal joint C2 interoperability. Transformation to future warfighting capabilities requires enhanced battlespace awareness, timely information exchange, and net-centric forces to support critical joint and multinational operations.</p> <p>Global Command and Control System (GCCS) including GCCS-M, will evolve from its current state of joint and Service variants to a single joint C2 architecture and capabilities-based implementation comprised of joint mission capability packages and Service-unique applications based on Global Information Grid (GIG) enterprise services enabling shared access to Service/Agency/joint-provided data sources. The first step in this evolution is the creation of a DoD Program Element and transfer of some funding from each of the services' GCCS program lines, beginning in FY 06. JC2 will support force-level planning, execution, monitoring, and assessment of joint and multinational operations. JC2 will employ a secure, collaborative, web-enabled, and tailorable C2 architecture that provides decision superiority and vertical/horizontal interoperability. Users will access shared data sources through common Internet Protocol (IP)-based network services, common data representations, and common catalogs/directories capable of utilizing intelligent thin and ubiquitous (e.g., wireless, PDA) clients.</p>											

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Exhibit R-2a, RDTEN Project Justification
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EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2005	
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 JOINT COMMAND AND CONTROL (JC2)		
(U) B. Accomplishments/Planned Program				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.000	0.000	5.000	5.000
RDT&E Articles Quantity				
<div><p>FY 06- Begin the migration to the JC2 system and the development and fielding of JC2. Attain MS B decision and associated documentation.</p><p>FY 07 - Continue the migration to the JC2 system and the development and fielding of JC2.</p></div>				

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<p>(U) C. PROGRAM CHANGE SUMMARY:</p> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 40%;"></th><th style="width: 10%; text-align: right;">FY 2004</th><th style="width: 10%; text-align: right;">FY 2005</th><th style="width: 10%; text-align: right;">FY 2006</th><th style="width: 10%; text-align: right;">FY 2007</th></tr></thead><tbody><tr><td>(U) Funding:</td><td></td><td></td><td></td><td></td></tr><tr><td>FY05 PB Submit:</td><td style="text-align: right;">0.000</td><td style="text-align: right;">0.000</td><td style="text-align: right;">0.000</td><td style="text-align: right;">0.000</td></tr><tr><td>FY06 PB Submit:</td><td style="text-align: right;">0.000</td><td style="text-align: right;">0.000</td><td style="text-align: right;">5.000</td><td style="text-align: right;">5.000</td></tr><tr><td>Total Adjustments</td><td style="text-align: right; border-top: 1px solid black;">0.000</td><td style="text-align: right; border-top: 1px solid black;">0.000</td><td style="text-align: right; border-top: 1px solid black;">5.000</td><td style="text-align: right; border-top: 1px solid black;">5.000</td></tr><tr><td colspan="5" style="padding-top: 20px;">Summary of Adjustments</td></tr><tr><td colspan="5" style="padding-top: 20px;"> </td></tr><tr><td>Issue 74534 PDM II: Joint Command and Control (JC2)</td><td></td><td></td><td style="text-align: right;">5.000</td><td style="text-align: right;">5.000</td></tr><tr><td colspan="5" style="padding-top: 20px;">Subtotal</td></tr><tr><td></td><td style="text-align: right; border-top: 1px solid black;">0.000</td><td style="text-align: right; border-top: 1px solid black;">0.000</td><td style="text-align: right; border-top: 1px solid black;">5.000</td><td style="text-align: right; border-top: 1px solid black;">5.000</td></tr></tbody></table> <p style="margin-top: 40px;">(U) Schedule: Not Applicable.</p> <p style="margin-top: 40px;">(U) Technical: Not Applicable.</p>						FY 2004	FY 2005	FY 2006	FY 2007	(U) Funding:					FY05 PB Submit:	0.000	0.000	0.000	0.000	FY06 PB Submit:	0.000	0.000	5.000	5.000	Total Adjustments	0.000	0.000	5.000	5.000	Summary of Adjustments										Issue 74534 PDM II: Joint Command and Control (JC2)			5.000	5.000	Subtotal						0.000	0.000	5.000	5.000
	FY 2004	FY 2005	FY 2006	FY 2007																																																		
(U) Funding:																																																						
FY05 PB Submit:	0.000	0.000	0.000	0.000																																																		
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Exhibit R-2a, RDTEEN Project Justification
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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 JOINT COMMAND AND CONTROL (JC2)					
D. OTHER PROGRAM FUNDING SUMMARY:										
<u>Line Item No. & Name</u>	<u>FY 2004</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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(U) E. ACQUISITION STRATEGY:										
N/A										

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Exhibit R-3 Cost Analysis (page 1)										DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY RDTE&E, N / BA 5			PROGRAM ELEMENT 0303158N Joint Command and Control (JC2) Program			PROJECT NUMBER AND NAME 3146 JOINT COMMAND AND CONTROL (JC2)						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 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	WX	SSC SD				1.250		1.250		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			0.000	0.000		1.250		1.250		Continuing	Continuing	0.000
Remarks:												
Development Support	WX	SSC SD				0.625		0.625		Continuing	Continuing	0.000
Software Development	WX	SSC SD				0.625		0.625		Continuing	Continuing	0.000
Training Development											0.000	0.000
Integrated Logistics Support											0.000	0.000
Configuration Management											0.000	0.000
Technical Data											0.000	0.000
GFE											0.000	0.000
Subtotal Support			0.000	0.000		1.250		1.250		Continuing	Continuing	0.000
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)									DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT 0303158N Joint Command and Control (JC2) Program			PROJECT NUMBER AND NAME 3146 JOINT COMMAND AND CONTROL (JC2)						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	SSC SD				1.250		1.250		Continuing	Continuing	0.000
Operational Test & Evaluation											0.000	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			0.000	0.000		1.250		1.250		Continuing	Continuing	0.000
Remarks:												
Contractor Engineering Support											0.000	0.000
Government Engineering Support	WX	SSC SD				1.250		1.250		Continuing	Continuing	0.000
Program Management Support											0.000	0.000
Travel											0.000	0.000
Subtotal Management			0.000	0.000		1.250		1.250		0.000	2.500	0.000
Remarks:												
Total Cost			0.000	0.000		5.000		5.000		Continuing	Continuing	0.000
Remarks:												

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