

# UNCLASSIFIED

FY 2003 RDT&E,N BUDGET ITEM JUSTIFICATION

DATE: FEBRUARY 2002

BUDGET ACTIVITY: 4      PROGRAM ELEMENT: 0603237N      PROJECT NUMBER: X3050  
PROGRAM ELEMENT TITLE: Deployable Joint Command & Control      PROJECT TITLE: DJC2

(U) COST: (Dollars in Thousands)

PROJECT NUMBER TITLE	FY 2001 ACTUAL	FY 2002 ESTIMATE	FY 2003 ESTIMATE	FY 2004 ESTIMATE	FY 2005 ESTIMATE	FY 2006 ESTIMATE	FY 2007 ESTIMATE	TO COMPLETE	TOTAL PROGRAM
X3050 DJC2	0	0	39,772	49,748	44,677	44,602	9,896	CONT.	CONT.
Defense Emergency Response Fund (DERF)			7,500						
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>39,772</b>	<b>49,748</b>	<b>44,677</b>	<b>44,602</b>	<b>9,896</b>	<b>CONT.</b>	<b>CONT.</b>

A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: Deployable Joint Command and Control (DJC2) is a DoD transformation initiative that will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 mission capability will provide the material solution to Defense Planning Guidance (August 2001 DPG) that calls for the development of standing Joint Task Forces (JTFs) with a deployable C2 capability. The DJC2 concept is the common basis supporting both the Quadrennial Defense Review (QDR) request for a joint command and control architecture to be developed for standing JTFs at each of the regional CINCs and the requirements for a deployable Joint Command and Control System requirements described in the Transformation Study Report presented to the Secretary of Defense, April, 2001. It integrates the requirements for and lessons learned from U.S. Central Command's deployable headquarters that is being funded from the FY 2001 Emergency Supplemental Act for Recovery from and Response to Terrorist Attacks on the United States. DJC2 is supported by SECDEF and CJCS. It has been briefed to the JCS/Joint Requirement Oversight Council (JROC), which has approved a DJC2 Mission Needs Statement (MNS) and directed that a draft Operational Requirements Document (ORD) be produced in 2002.

DJC2 seeks to provide standing, and standardized, joint C2 systems that can be deployed by unified CINCs or JTFs, remedying the current unproductive practice of relying on ad hoc, unresourced, and stove-piped capabilities cobbled together at the last minute during a crisis. It will support new standing JTF headquarter concepts and doctrine being developed by Joint Forces Command in coordination with other CINCs and the Joint Staff, as tasked by DPG. Unified CINC and JTF commanders will use a deployable joint command and control capability for day-to-day operations (including peacetime), as well as when deployed for training or contingency operations. The capability is intended for all levels of conflict and will be reconfigurable to meet specific unified CINC and JTF mission requirements. This capability must be interoperable with

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higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces.

The RDT&E initiative ("Future Threat Systems") was established in response to recent terrorists attacks within the United States that designated the Navy as the Executive Agent for developing and fielding of DJC2 centers to CINC/JTF headquarters; it provided no outyear funds. A second initiative ("Defense Transformation") established an outyear RDT&E, OPN, SCN, and O&M,N profile.

B. (U) PROGRAM CHANGE SUMMARY: Not applicable.

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(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. (U) FY 2002 ACCOMPLISHMENTS:

- Not Applicable. No funding available.

2. (U) FY 2003 PLAN:

- (U) (\$19,822) Study of CINC/JTF deployable C2 requirements and identification of candidate programs, both fielded and under development, to satisfy requirements. Conduct engineering and design studies necessary to develop the DJC2 technical design; validation of concept of operations to ensure user needs are adequately understood in evaluating alternative concepts; and analysis of alternatives to establish realistic cost, schedule and performance goals for the preferred material solution.
- (U) (\$9,900) Evaluate validated technical concepts and technologies prototyped in advanced technology transitions, including Advanced Concepts Technology Demonstration Programs, to address deployable C2 requirements.
- (U) (\$5,000) Navy managed engineering, integration, test & analysis facility. Support extended spiral development of commercial technologies to develop deployable C2 centers for each of the four geographic CINCs and one maritime platform.
- (U) (\$5,000) Start-up for a joint program office and conduct of pre-acquisition planning activities. Navy will serve as Executive Agent (EA) for DJC2 due to previous conceptual work completed for Joint Communication Center(X) C4ISR mission package.
- Accelerate the collaborative development of an indications, alert and warning (IAW) capability.

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B. (U) OTHER PROGRAM FUNDING SUMMARY: (Dollars in thousands)

<u>Appn</u>	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	COST TO	TOTAL
	ACTUAL	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	COMPLETE	PROGRAM
OPN (0305188N)	0	0	0	80,000	35,000	30,000	0	CONT.	CONT.
SCN (0204228N)	0	0	0	0	0	0	60,000	CONT.	CONT.
OMN (0305188N)	0	0	2,500	2,500	6,500	2,500	11,500	CONT.	CONT.

(U) RELATED RDT&E:

- PE 0604231N: (GCCS-M Maritime Apps X0709): GCCS-M Maritime Apps provides portions of GCCS-M functionality common among Afloat, Ashore, and Tactical/Mobile environments.
- PE 0604231N: (GCCS-M Common Apps X2305): GCCS-M Common Apps provides portions of the Defense Information Infrastructure Common Operating Environment (DII COE) functionality required by Afloat, Ashore, and Tactical/Mobile GCCS-M environments.

C. (U) ACQUISITION STRATEGY: N/A

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D. (U) SCHEDULE PROFILE:

	<u>FY 2001</u>				<u>FY 2002</u>				<u>FY 2003</u>			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Program Milestones												
Engineering Milestones												
T&E Milestones												
Contract Milestones												

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Exhibit R-2A, PROJECT JUSTIFICATION

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Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY01 Cost	FY01 Award Date	FY02 Cost	FY02 Award Date	FY03 Cost	FY03 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Software/Product Development												
Subtotal Product Development												
Remarks:												
System Engineering	TBD	TBD						19,822	TBD	CONT.	CONT.	
Adv. Concept Demos	TBD	TBD						9,900	TBD	CONT.	CONT.	
Subtotal Sys Eng Support	TBD	TBD						29,722	TBD	CONT.	CONT.	
Remarks												

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Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY01 Cost	FY01 Award Date	FY02 Cost	FY02 Award Date	FY03 Cost	FY03 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	TBD	TBD						5,000	TBD	CONT.	CONT.	
Subtotal T&E	TBD	TBD						5,000	TBD	CONT.	CONT.	
Remarks												
Project Management	TBD	TBD						5,000	TBD	CONT.	CONT.	
Subtotal Management	TBD	TBD						5,000	TBD	CONT.	CONT.	
Remarks												
Total Cost	TBD	TBD						39,722	TBD	TBD	CONT.	

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