

Exhibit R-2, RDT&E Budget Item Justification									DATE: February 2000	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/07					R-1 ITEM NOMENCLATURE C4I for the Warrior/0303149K					
COST (in millions)		FY99	FY00	FY01	FY02	FY03	FY04	FY05	Cost to Complete	Total Cost
Total Program Element (PE)		3.407	.385	.405	.410	.427	.525	.628	Contg	Contg
Center for Standards/T20		2.954	0	0	0	0	0	0	0	2.954
C4 Interoperability Assessment/T50*		.453	.385	.405	.410	.427	.525	.628	Contg	Contg

A. Mission Description and Budget Item Justification:
This program element is the Chairman of the Joint Chiefs of Staff (CJCS) initiative promoting joint and coalition interoperability per DoD Directive 4630.5, DoD Instruction 4630.8. CJCS Instruction 6212.12 directs DISA to assess CINC, Service, and Agency C4 requirement documents (Mission Need Statements, Operational Requirement Documents, Test & Evaluation Management Plans, C4I Support Plans) for interoperability, compatibility, and integration. A recommendation is then forwarded to the Joint Staff for interoperability certification. The assessment process depends on automation to expedite, manage, and track requirement documents under review. The development of automated tools includes on-line web enabled database repository, collaborative coordination for assessors, and a suspense tracking capability. This program element is under Budget Activity 07 because it involves effort supporting operational systems development.

FY99 Accomplishments:

- o Two additional software applications developed to support reviews and assessments conducted by ASD-C3I and the Joint Staff (J8) (1st Qtr - 4th Qtr; \$349K).
- o Program modifications completed to support users on both SIPRNET & NIPRNET (1st Qtr - 4th Qtr; \$104K).
- o Developed ATM Network-to-Network Interface Standards Profile (1st Qtr - 4th Qtr; \$320K).
- o Developed SHF, UHF, and EHF SATCOM Standards (1st Qtr - 4th Qtr; \$538K).
- o Technical support of SATCOM Strategic Tactical NATO Agreement (STANAG) development (1st Qtr - 4th Qtr; \$550K).

* This project was formerly titled NMCS Subsystem Engineering.

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FY 99 Accomplishments (Continued):			
<ul style="list-style-type: none"> o Technical support to NATO Tactical Communications (TACOMS) 2000 (1st Qtr - 4th Qtr; \$54K). o Technical support to the Defense Message System (DMS) (1st Qtr - 4th Qtr; \$200K). o Technical support to the Electronic Commerce program (1st Qtr - 4th Qtr; \$140K). o Developed standards for Digitized Battlefield (1st Qtr - 4th Qtr; \$575K). o DoD technical requirements for Internet Engineering Task Force (1st Qtr - 4th Qtr; \$117K). o Combined Joint Chiefs of Staff Manuals development (1st Qtr - 4th Qtr; \$460K). o Total \$3.407M 			
FY00 Plans:			
<ul style="list-style-type: none"> o Install, integrate, and prototype Levels of Information System Interoperability (LISI) with Joint C4 Program Assessment Tool. (1st Qtr; \$385K). o Total \$.385M 			
FY01 Plans:			
<ul style="list-style-type: none"> o Continue evolving, enhancing assessment software suite to support on-line build of C4I Support Plans and Joint Requirements Oversight Council (JROC) submissions. (1st Qtr - 4th Qtr; \$405K). o Total \$.405M 			
B. Program Change Summary:			
	<u>FY99</u>	<u>FY00</u>	<u>FY01</u>
Previous President's Budget (FY 2000)	3.664	.388	.407
Appropriated Value	3.675	.388	
Adjustments to Appropriated Value	-.268	-.002	
Congressional Rescission		-.001	
Adjustments to Budget Year since FY 2000 President's Budget			-.002
Current Budget Submit/President's Budget (FY 2001)	3.407	.385	.405
Change Summary Explanation:			
FY99 change due to undistributed congressional adjustments to Defense-wide RDT&E appropriation and below threshold reprogramming.			

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<p>FY00 change reflects government-wide rescission and required offset to fund higher priority initiatives. FY01 change due to revised fiscal guidance.</p>								
<u>C. Other Program Funding Summary:</u>		<u>FY99</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>
Operation and Maintenance:		.483	.497	.494	.489	.485	.495	.506
<u>D. Acquisition Strategy:</u>								
MITRE, McLean, VA								
<u>E. Schedule Profile:</u>								
FY99	4 rd Qtr	C4I Support Plan Assessment Software /JROC Software Prototype						
	4 th Qtr	PALM Common Operational Picture (COP) Operational Evaluation						
FY00	3 rd Qtr	LISI Integration with Joint C4 Software Assessment Tool						
FY01	4 th Qtr	Interactive on-line build of C4I Support Plan						
FY02 - FY05	4 th Qtr	Enhancements of Joint C4 Software Assessment Tool						
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