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Exhibit R-2, RDT&E Budget Item Justification									DATE: February 1999	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/07					R-1 ITEM NOMENCLATURE C4I for the Warrior/0303149K					
COST (in millions)	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05	Cost to Complete	Total Cost
Total Program Element (PE)		3.664	.388	.407	.413	.430	.530	.634	Contg	Contg
Center for Standards/T20		3.289	0*	0	0	0	0	0	0	3.289
NMCS Subsystem Engineering/T50		.375**	.388	.407	.413	.430	.530	.634	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 the Joint Staff J6 to continuously identify, prioritize, and quickly solve Joint C4I interoperability problems. C4IFTW's three overlapping phases lead to global interoperability for US military forces deployed anywhere, on any mission, at any time, with maximum flexibility in force composition. C4I for the Warrior provides focus and visibility into resolving C4I interoperability issues. As a result, this program element is under Budget Activity 07 because it involves effort supporting operational systems development.

* Beginning FY00, funding for this project has converted from RDT&E to O&M.
 ** This project was realigned from PE 0302016K.

FY99 Plans:

- o NATO Common Operational Picture (COP), Computer Based Training (CBT) (1st Qtr - 2nd Qtr; \$125K).
- o Operational Evaluation of Handheld Global Command and Control System (GCCS) PalmCOP Technology (1st Qtr - 4th Qtr; \$250K).
- o Develop ATM Network-to-Network Interface Standards Profile (1st Qtr - 4th Qtr; \$320K)
- o Development of SHF, UHF, and EHF SATCOM Standards (1st Qtr - 4th Qtr; \$538K)

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<p><u>FY99 Plans (Continued):</u></p> <ul style="list-style-type: none"> o Technical support of SATCOM Strategic Tactical NATO Agreement (STANAG) development (1st Qtr - 4th Qtr; \$550K) o Technical support to NATO Tactical Communications (TACOMS) 2000 (1st Qtr - 4th Qtr; \$250K) o Technical support to Program Manager (PM), Defense Message System (DMS) (1st Qtr - 4th Qtr; \$200K) o Technical support to PM-Electronic Commerce (1st Qtr - 4th Qtr; \$150K) o Development of 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; \$589K) o Total \$3.664M <p><u>FY00 Plans:</u></p> <ul style="list-style-type: none"> o Install prototype GCCS testbed in Partnership for Peace (PFP) countries (3rd Qtr; \$150K). o Assist OSD/PMs with accessing GCCS prototype testbed (4th Qtr; \$238K). o Total \$.388M <p><u>FY01 Plans:</u></p> <ul style="list-style-type: none"> o Continue evolving, enhancing US/NATO GCCS COP interoperability (1st Qtr - 4th Qtr; \$214K). o Continue evolving, enhancing PFP GCCS COP interoperability (1st Qtr - 4th Qtr; \$193K). o Total \$.407M 																																	
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<p>D. <u>Acquisition Strategy:</u> International Research Institute, Inc., Reston, Va.; Booz-Allen Hamilton, Inc.; Bethesda, MD</p>																															
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