

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:		FEBRUARY 2003		
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE					
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-4						0603857N - Joint Combat Identification Evaluation Team (JCIET)					
COST (\$ in Millions)	Prior Years Cost	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to Complete	Total Program
Total PE Cost	26.552	12.994	14.084	16.765	15.218	15.779	16.854	17.174	17.497	Continuing	Continuing
X2691 - Joint Combat Identification Evaluation Team	26.552	12.994	14.084	16.765	15.218	15.779	16.854	17.174	17.497	Continuing	Continuing
											0.000
											0.000
											0.000
											0.000
											0.000
											0.000
Quantity of RDT&E Articles											0
A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Joint Combat Identification Evaluation Team's (JCIET) primary mission is to employ the equipment and personnel of all four Services to evaluate, investigate, and assess joint integration and interoperability of systems, concepts, capabilities, Tactics, Techniques and Procedures (TTP), and doctrine which directly affect Combat Identification (CID) within the present and future joint battle space. JCIET will employ the equipment and personnel of all four services, special operations forces, and approved allied/coalition forces during "live" field evaluations conducted in conjunction with U.S. Joint Forces Command (USJFCOM) sponsored Category 2 (Cat 2) training exercises. In addition to its primary mission, JCIET fulfills a number of collateral missions. JCIET offers Federally Funded Research and Development Centers (FFRDCs), Service Battle Laboratories, and industry the opportunity to review and evaluate emerging technologies in a joint environment on a not-to-interfere basis for risk reduction and verification. JCIET offers direct/indirect support by providing either subject matter expertise and/or funding to promising CID enhancements. JCIET remains the primary venue for experimentation in areas of system integration and interoperability related to joint and allied combat ID and battlefield information management. In addition, JCIET coordinates with the U.S. Joint Forces Command staff to maximize use of the JCIET venue by other joint activities such as the Joint Battle Center (JBC), Joint Futures Lab (JFL), the Single Integrated Air Picture (SIAP) System Engineer (SE) and Joint Test and Evaluation (JT&E) programs. JCIET is U.S. Joint Forces Command's lead for evaluation of CID in the joint, allied and coalition arena.											
(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under DEMONSTRATION AND VALIDATION because it includes efforts to evaluate integrated technologies in a realistic operational environment to assess the performance potential of current Tactics, Techniques, and Procedures (TTP), weapons systems, and helps expedite technologies that meet joint warfighters' needs.											

R-1 SHOPPING LIST - Item No. 81

UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification			DATE: FEBRUARY 2003																															
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4	PROGRAM ELEMENT NUMBER AND NAME 0603857N - Joint Combat Identification Evaluation Team	PROJECT NUMBER AND NAME X2691 - Joint Combat Identification Evaluation Team (JCIET)																																
<p>(U) B. Accomplishments/Planned Program</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 15%;">FY 02</th> <th style="width: 15%;">FY 03</th> <th style="width: 15%;">FY 04</th> <th style="width: 15%;">FY 05</th> </tr> </thead> <tbody> <tr> <td>Field Evaluations</td> <td style="text-align: center;">4.354</td> <td style="text-align: center;">4.617</td> <td style="text-align: center;">6.824</td> <td style="text-align: center;">4.778</td> </tr> <tr> <td>RDT&E Articles Quantity</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>JCIET field evaluations occur annually. During even-numbered years the field evaluation will be in conjunction with a Joint Task Force Exercise (JTFEX). During odd numbered years the field evaluation will be conducted in support of other Cat 2 training exercises. JCIET addresses four Joint Combat Identification (CID) mission areas: surface-to-surface, air-to-surface, surface-to-air, and air-to-air. These areas require full instrumentation of a battalion sized task force, an opposing force (OPFOR), ground and airborne platforms. Platforms including aircraft, ships at sea and land based assets are fully instrumented. Instrumentation provides time, space, position information and shot pairing for real time casualty assessment, and kill removal subsequent analysis. Results from the instrumentation will point to solutions to combat ID deficiencies. Contractor support is required for instrumentation installation and checkout. OPFOR vehicles and air defense systems will be real Former Soviet Union (FSU) equipment and will be leased and transported from their home base.</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 15%;">FY 02</th> <th style="width: 15%;">FY 03</th> <th style="width: 15%;">FY 04</th> <th style="width: 15%;">FY 05</th> </tr> </thead> <tbody> <tr> <td>JCIET Support</td> <td style="text-align: center;">1.200</td> <td style="text-align: center;">1.200</td> <td style="text-align: center;">1.270</td> <td style="text-align: center;">1.343</td> </tr> <tr> <td>RDT&E Articles Quantity</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px;"> <p>JCIET is a tenant at Eglin AFB and requires base support to include: utilities, cleaning, communications, printing, shipping and vehicles. JCIET maintains and upgrades analytical capabilities with software and hardware improvements. The following major documents are published in preparation for and as a result of Field Evaluations: Evaluation Plan, Spin-Up Plan, BLUFOR and OPFOR Playbooks, National Technical Means Assessment, Redeployment Plan, 45-day Quick Look Report, and the Final Report. Quick Look and Final results briefings are prepared and presented to the Joint Staff, the Services and the Commanders-in-Chief (CINCs).</p> </div>						FY 02	FY 03	FY 04	FY 05	Field Evaluations	4.354	4.617	6.824	4.778	RDT&E Articles Quantity						FY 02	FY 03	FY 04	FY 05	JCIET Support	1.200	1.200	1.270	1.343	RDT&E Articles Quantity				
	FY 02	FY 03	FY 04	FY 05																														
Field Evaluations	4.354	4.617	6.824	4.778																														
RDT&E Articles Quantity																																		
	FY 02	FY 03	FY 04	FY 05																														
JCIET Support	1.200	1.200	1.270	1.343																														
RDT&E Articles Quantity																																		

R-1 SHOPPING LIST - Item No. 81

UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification			DATE: FEBRUARY 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4	PROGRAM ELEMENT NUMBER AND NAME 0603857N - Joint Combat Identification Evaluation Team	PROJECT NUMBER AND NAME X2691 - Joint Combat Identification Evaluation Team (JCIET)		
(U) B. Accomplishments/Planned Program				
	FY 02	FY 03	FY 04	FY 05
Annual Support Contracts	7.140	7.967	8.371	8.797
RDT&E Articles Quantity				
<p>JCIET Field Evaluations are developed to mirror real world joint combat operations. Participant command and control systems, data tactical displays, voice and data link communications, identification systems and data engagement decisions are thoroughly analyzed to determine causes of fratricide and assist in developing solutions. Overall combat effectiveness to include exchange ratios, lost shot opportunities and missed targets are also evaluated and analyzed. JCIET's focus is on tactics, techniques and procedures (TTP), interoperability and combat systems. A white force (evaluation control) network is designed and constructed to meet JCIET scenario requirements. A classified network is also designed and constructed to allow participants at different geographical locations to conduct and debrief the daily missions. This debriefing process allows participants the opportunity to discover, learn, and adjust TTP and systems performance for the subsequent mission.</p>				
	FY 02	FY 03	FY 04	FY 05
Conferences	0.300	0.300	0.300	0.300
RDT&E Articles Quantity				
<p>JCIET hosts or attends planning conferences to include Airspace, OPFOR, Initial Planning, Mid-Planning and Final Planning. Warfighter participants are an integral part of the planning process including scenario development and preparation for interoperability between the services. Site visits required to prepare for field evaluations will be conducted as necessary. The JCIET staff also provides technical and operational support to forums dealing with combat ID issues e.g., the Joint Integrated Air Defense Interoperability Working Group and the World Wide Combat ID conference and USJFCOM Joint Interoperability Integration (JI&I) objectives as directed by DCINC to include level II training events and exercises.</p>				

R-1 SHOPPING LIST - Item No. 81

UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification			DATE: FEBRUARY 2003																																																																							
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4	PROGRAM ELEMENT NUMBER AND NAME 0603857N - Joint Combat Identification Evaluation Team	PROJECT NUMBER AND NAME X2691 - Joint Combat Identification Evaluation Team (JCIET)																																																																								
<p>(U) C. PROGRAM CHANGE SUMMARY:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">(U) Funding:</th> <th style="text-align: right; width: 15%;">FY 2002</th> <th style="text-align: right; width: 15%;">FY 2003</th> <th style="text-align: right; width: 15%;">FY 2004</th> <th style="text-align: right; width: 15%;">FY 2005</th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td style="text-align: right;">13.530</td> <td style="text-align: right;">14.414</td> <td style="text-align: right;">0.000</td> <td style="text-align: right;">0.000</td> </tr> <tr> <td>Current President's Budget</td> <td style="text-align: right;">12.994</td> <td style="text-align: right;">14.084</td> <td style="text-align: right;">16.765</td> <td style="text-align: right;">15.218</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">-0.536</td> <td style="text-align: right; border-top: 1px solid black;">-0.330</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> </tr> <tr> <td colspan="5" style="padding-top: 10px;">Summary of Adjustments</td> </tr> <tr> <td> Sec. 8123: Management Reform Initiative</td> <td style="text-align: right;">-0.12</td> <td></td> <td></td> <td></td> </tr> <tr> <td> SBIR Assessment</td> <td style="text-align: right;">-0.351</td> <td></td> <td></td> <td></td> </tr> <tr> <td> Sec. 313, PL 107-208: Revised Econ Assumption</td> <td style="text-align: right;">-0.029</td> <td></td> <td></td> <td></td> </tr> <tr> <td> Sec. 8100 Business Process Reform</td> <td></td> <td style="text-align: right;">-0.058</td> <td></td> <td></td> </tr> <tr> <td> Sec. 8135 Economic Assumptions</td> <td style="text-align: right;">-0.036</td> <td style="text-align: right;">-0.081</td> <td></td> <td></td> </tr> <tr> <td> Sec. 8109 IT Cost Growth</td> <td></td> <td style="text-align: right;">-0.026</td> <td></td> <td></td> </tr> <tr> <td> Sec. 8029, P.L. 107-248 FY03 FFRDC reduction</td> <td></td> <td style="text-align: right;">-0.012</td> <td></td> <td></td> </tr> <tr> <td> Miscellaneous Department Adjustments</td> <td></td> <td style="text-align: right; border-top: 1px solid black;">-0.153</td> <td></td> <td></td> </tr> <tr> <td>Subtotal</td> <td style="text-align: right; border-top: 1px solid black;">-0.536</td> <td style="text-align: right; border-top: 1px solid black;">-0.330</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> </tr> </tbody> </table> <p style="margin-top: 20px;">(U) Schedule: Not Applicable</p> <p style="margin-top: 20px;">(U) Technical: Not Applicable</p>					(U) Funding:	FY 2002	FY 2003	FY 2004	FY 2005	Previous President's Budget	13.530	14.414	0.000	0.000	Current President's Budget	12.994	14.084	16.765	15.218	Total Adjustments	-0.536	-0.330	0.000	0.000	Summary of Adjustments					Sec. 8123: Management Reform Initiative	-0.12				SBIR Assessment	-0.351				Sec. 313, PL 107-208: Revised Econ Assumption	-0.029				Sec. 8100 Business Process Reform		-0.058			Sec. 8135 Economic Assumptions	-0.036	-0.081			Sec. 8109 IT Cost Growth		-0.026			Sec. 8029, P.L. 107-248 FY03 FFRDC reduction		-0.012			Miscellaneous Department Adjustments		-0.153			Subtotal	-0.536	-0.330	0.000	0.000
(U) Funding:	FY 2002	FY 2003	FY 2004	FY 2005																																																																						
Previous President's Budget	13.530	14.414	0.000	0.000																																																																						
Current President's Budget	12.994	14.084	16.765	15.218																																																																						
Total Adjustments	-0.536	-0.330	0.000	0.000																																																																						
Summary of Adjustments																																																																										
Sec. 8123: Management Reform Initiative	-0.12																																																																									
SBIR Assessment	-0.351																																																																									
Sec. 313, PL 107-208: Revised Econ Assumption	-0.029																																																																									
Sec. 8100 Business Process Reform		-0.058																																																																								
Sec. 8135 Economic Assumptions	-0.036	-0.081																																																																								
Sec. 8109 IT Cost Growth		-0.026																																																																								
Sec. 8029, P.L. 107-248 FY03 FFRDC reduction		-0.012																																																																								
Miscellaneous Department Adjustments		-0.153																																																																								
Subtotal	-0.536	-0.330	0.000	0.000																																																																						

R-1 SHOPPING LIST - Item No. 81

UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: FEBRUARY 2003			
APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-4		PROGRAM ELEMENT NUMBER AND NAME 0603857N - Joint Combat Identification Evaluation Team			PROJECT NUMBER AND NAME X2691 - Joint Combat Identification Evaluation Team (JCIET)					
(U) D. OTHER PROGRAM FUNDING SUMMARY:										
<u>Line Item No. & Name</u>	<u>FY 2002</u>	<u>FY 2003</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>To Complete</u>	<u>Total Cost</u>
Not Applicable										
(U) E. ACQUISITION STRATEGY: *										
<p>FY 2002-05. Five-year sole-source (one-year basic with four one-year options) contracts were awarded to SAIC and MEVATEC, on 1 April 2002; first year option is schedule for award on 1 April 2003 for both contracts. Currently working with several DoD agencies to provide instrumentation and data collection support. A three-year sole source (one-year basic with two one-year options) contract is schedule for January 2003 award with Applied Data Trends, Inc. (ADTi), to provide computer-generated graphic display support. A one-year competitive contract was awarded to Northrop Grumman in December 2002 to provide video teleconferencing technical support. JCIET will continue to utilize competitive and sole-source contract procedures, to include looking at Government agencies, to determine the best vendor to meet JCIET requirements, at the best value.</p>										
* Not required for Budget Activities 1,2,3, and 6										

R-1 SHOPPING LIST - Item No. 81

UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION:

Exhibit R-3, Project Cost Analysis								DATE: FEBRUARY 2003				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-4			0603857N - Joint Combat Identification Evaluation Team			X2691 - Joint Combat Identification Evaluation Team (JCIET)						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development											0.000	
Ancillary Hardware Development											0.000	
Aircraft Integration											0.000	
Ship Integration											0.000	
Ship Suitability											0.000	
Systems Engineering											0.000	
Training Development											0.000	
Licenses											0.000	
Tooling											0.000	
GFE											0.000	
Award Fees											0.000	
Subtotal Product Development			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Development Support											0.000	
Software Development											0.000	
Integrated Logistics Support											0.000	
Configuration Management											0.000	
Technical Data											0.000	
Studies & Analyses											0.000	
GFE											0.000	
Award Fees											0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												

UNCLASSIFIED

CLASSIFICATION:

Exhibit R-3, Project Cost Analysis										DATE: FEBRUARY 2003			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4			PROGRAM ELEMENT 0603857N - Joint Combat Identification Evaluation Team				PROJECT NUMBER AND NAME X2691 - Joint Combat Identification Evaluation Team (JCIET)						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract	
Operational Test & Evaluation	SS/T&M	SAIC - Eglin AFB	13.676	5.401	04/03	5.483	04/04	5.589	04/05	Continuing	Continuing	Continuing	
Developmental Test & Evaluation	MIPR	Various	2.857	1.000	Various	1.000	Various	1.000	Various	Continuing	Continuing	Continuing	
Operational Test & Evaluation	SS/T&M	MEVATEC - Eglin AFB	6.328	2.566	04/03	2.888	04/04	3.208	04/05	Continuing	Continuing	Continuing	
Evaluation Other Costs	MIPR	Various	10.806	3.617	Various	5.824	Various	3.778	Various	Continuing	Continuing	Continuing	
Travel and Conference	MIPR	JCIET/Various	2.135	0.300	Various	0.300	Various	0.300	Various	Continuing	Continuing	Continuing	
Operation Costs/Research	MIPR	JCIET/Various	3.744	1.200	Various	1.270	Various	1.343	Various	Continuing	Continuing	Continuing	
											0.000		
Subtotal T&E			39.546	14.084		16.765		15.218		Continuing	Continuing		
Remarks:													
Contractor Engineering Support											0.000		
Government Engineering Support											0.000		
Program Management Support											0.000		
Travel											0.000		
Transportation											0.000		
SBIR Assessment											0.000		
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000		
Remarks:													
Total Cost			39.546	14.084		16.765		15.218		Continuing	Continuing		
Remarks:													

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R4, Schedule Profile																								DATE: FEBRUARY 2003								
APPROPRIATION/BUDGET ACTIVITY										PROGRAM ELEMENT NUMBER AND NAME										PROJECT NUMBER AND NAME												
RDT&E, N / BA-4										0603857N - Joint Combat Identification Evaluation Team										X2691 - Joint Combat Identification Evaluation Team (JCIET)												
Fiscal Year	2002				2003				2004				2005				2006				2007				2008				2009			
	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				
Field Evaluations (stand-alone, JTFEX or other Cat 2 event)			★	★			☆				☆				☆					☆			☆			TBD			TBD			
Planning	■				■				■				■				■				■				■				■			
Publications Milestones	▲	▲	▲		▲	▲		▲					▲	▲	▲	▲		▲	▲		▲	▲	▲	▲								

* Note required for Budget Activities 1, 2, 3, and 6.

R-1 Shopping List - Item No. 81

UNCLASSIFIED

CLASSIFICATION:

[illegible]

R-1 SHOPPING LIST - Item No.

81

UNCLASSIFIED

Exhibit R-4a, Schedule Detail
(Exhibit R-4a, Page 9 of 9)