

OSD RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2008

APPROPRIATION/ BUDGET ACTIVITY
RDTE, Defense Wide BA 04

PE NUMBER AND TITLE
0604828D8Z - Joint Fires Integration & Interoperability

COST (\$ in Millions)	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
P857 Joint Fires Integration & Interoperability	16.684	16.452	16.906	17.277	17.449	17.682	17.930

A. Mission Description and Budget Item Justification: The Joint Fires Integration & Interoperability Team (JFIIT) funded in this program is a relatively small cell of recognized experts adding value to much larger Service investments in force elements designed to apply kinetic effects. Services and joint Combatant Commander staffs actively seek JFIIT assessments and advice to improve performance of combat fires applied in complex coalition and joint environments.

The FY 2005 National Defense Authorization Act (NDAA) directed the transfer of US Joint Forces Command (USJFCOM) RDT&E funding of joint warfare experimentation and training programs from Navy accounts to new Defense Wide RDT&E accounts beginning in FY 2007. Funding to support the Joint Fires Integration and Interoperability Program prior to FY 2007 was reflected in the Navy's RDT&E Program under PE 0603857N. The new funding alignment brings the Joint Fires Integration & Interoperability (JFIIT) Program into oversight by the Office of the Secretary of Defense (OSD)/Defense Research & Engineering (DR&E).

Joint Requirements Oversight Council Memo (JROCM) 183-4, dated 8 Oct 04, directed U.S. Joint Forces Command (USJFCOM) to _produce a Joint Fires Support Organization_. JROCM 241-05, dated 3 Nov 05, validated the JFIIT mission. USJFCOM Directive Number 5170.2 dated 30 Nov 07, _Charter for the Joint Fires Integration and Interoperability Team (JFIIT)_ assigns JFIIT responsibility to _improve the conduct of Joint Fires_.

The JFIIT mission is to improve the integration, interoperability, and operational effectiveness of Joint fires, primarily through field assessments focused at the tactical and operational levels with strategic implications. JFIIT takes a holistic approach to improving Joint fires by providing solutions that produce effective target acquisition, command and control, and interoperable firing systems, thereby reducing fratricide and collateral damage. This results in not only near-term tactical identification of issues and solutions, but JFIIT also informs and provides a foundation for short and long-term operational and tactical capabilities.

<u>B. Program Change Summary</u>	FY 2007	FY 2008	FY 2009
Previous President's Budget (FY 2008)	16.686	16.596	16.934
Current BES/President's Budget (FY 2009)	16.684	16.452	16.906
Total Adjustments	-0.002	-0.144	-0.028
Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-0.467		
Other	0.465	-0.144	-0.028

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C. Other Program Funding Summary Not applicable for this item.

D. Acquisition Strategy Not applicable for this item.

E. Performance Metrics:

FY	Strategic Goals Supported	Existing Baseline	Planned Performance Improvement / Requirement Goal	Actual Performance Improvement	Planned Performance Metric / Methods of Measurement	Actual Performance Metric / Methods of Measurement
09						

Comment: JFIIT delivers Joint solutions for serviced-developed forces deployed to Combatant Commands. The deliverables may include discrete improvements to training processes, doctrine, Tactics, Techniques & Procedures (TTPs), and/or technical system performance specifications and standards, validated Doctrine, Organization, Training, Material, Leadership, Personnel, Facilities (DOTMLPF) Joint fires recommendations, timely delivery of quality feedback to exercise participants, or improvements to Joint context of a training venue. The Office of Secretary of Defense (OSD) and United States Joint Forces Command (USJFCOM) work in concert to approve the annual agenda of work and validate results.

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COST (\$ in Millions)	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
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The FY 2005 National Defense Authorization Act (NDAA) directed the transfer of US Joint Forces Command (USJFCOM) RDT&E funding of joint warfare experimentation and training programs from Navy accounts to new Defense Wide RDT&E accounts beginning in FY 2007. Funding to support the Joint Fires Integration and Interoperability Program prior to FY 2007 was reflected in the Navy's RDT&E Program under PE 0603857N. The new funding alignment brings the Joint Fires Integration & Interoperability (JFIIT) Program into oversight by the Office of the Secretary of Defense (OSD)/Defense Research & Engineering (DR&E).

Joint Requirements Oversight Council Memo (JROCM) 183-4, dated 8 Oct 04, directed U.S. Joint Forces Command (USJFCOM) to produce a Joint Fires Support Organization. JROCM 241-05, dated 3 Nov 05, validated the JFIIT mission. USJFCOM Directive Number 5170.2 dated 30 Nov 07, Charter for the Joint Fires Integration and Interoperability Team (JFIIT) assigns JFIIT responsibility to improve the conduct of Joint Fires .

The JFIIT mission is to improve the integration, interoperability, and operational effectiveness of Joint fires, primarily through field assessments focused at the tactical and operational levels with strategic implications. JFIIT takes a holistic approach to improving Joint fires by providing solutions that produce effective target acquisition, command and control, and interoperable firing systems, thereby reducing fratricide and collateral damage. This results in not only near-term tactical identification of issues and solutions, but JFIIT also informs and provides a foundation for short and long-term operational and tactical capabilities.

B. Accomplishments/Planned Program:

<u>Accomplishments/Planned Program Title:</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Joint Fires Integration & Interoperability (JFIIT) Assessments	5.682	5.589	5.522

JFIIT conducts assessments in conjunction with Service and COCOM exercises, experiments, and test & evaluation events. JFIIT verifies that an accurate Joint environment is depicted during training that exercises one or more Joint tasks. JFIIT assesses Joint context and Joint task execution while addressing the effectiveness of a training program to replicate a Joint operational environment. The emphasis of this JFIIT effort is assessment of Joint fires and combat identification to ensure that Services and Agencies field independent and interoperable systems and training. The primary mission areas are Joint intelligence, surveillance, and reconnaissance (JISR) support to maneuver and Joint air-to-ground fires integration with maneuver. JFIIT identifies the need for continued support of Joint fires tactics, techniques and procedures (TTP) and doctrine. JFIIT will assess Joint context and Joint task execution while addressing the effectiveness of a training program to replicate a Joint operational environment.

JFIIT emphasizes assessment of efficiencies of Joint fires and combat identification to ensure that Services and Agencies field independent and interoperable capabilities. The primary mission areas

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are Joint Intelligence, surveillance, and reconnaissance (JISR) support to maneuver and Joint air-to-ground fires integration with maneuver. JFIIT also supports development of Joint fires tactics, techniques and procedures (TTP) and doctrine. JFIIT assessments provide input to acquisition processes and enhance Joint development as programs are funded and developed.

Critical JFIIT deliverables include:

- reduction in fratricide and improvement of force application in performing Joint fires.
- Brigade Combat Team Air-Ground Integration (BCT A-GI) assessments and training improvement recommendations
- Documented joint fires related tasks with supporting operational architectures
- Findings, conclusions, & recommendations packaged and integrated within the Joint Capabilities Development System (JCIDS) and Joint C2 Capability Portfolio Manager (JC2 CPM) processes
- Early identification of force vulnerabilities resulting from ineffective Joint fires execution
- Training feedback to the warfighter to improve operational preparedness
- Ability to specify key performance parameters (KPPs) and key system attributes (KSAs) for new systems that meet Joint warfighter operational needs
- Joint training requirements to match current operational environments
- TTP, equipment, and doctrine to properly and effectively employ Joint forces at the tactical level
- Increased effectiveness and confidence in combat identification

FY 2007 Output: JFIIT conducted Joint fires and combat identification assessments in conjunction with Service and USJFCOM exercises, experiments, and test and evaluation events primarily in the areas of Joint air-to-ground fires integration with maneuver and Joint ISR support to maneuver. JFIIT is also chartered to develop techniques for emerging combat identification technology enhancements and Joint fires initiatives.

- JFIIT, in support of USA and Doctrine Command (TRADOC) and USAF Combat Command (ACC), began an in-depth assessment of Joint fires training for units deploying to the Central Command (CENTCOM) Area of Responsibility (AOR). This was accomplished using the Brigade Combat Team Air-Ground Integration (BCT A-GI) initiative in response to Commanding General TRADOC memo to Commander, USJFCOM requesting support to address 24 Joint Interagency Intergovernmental Multinational (JIIM) Gaps. JFIIT developed and presented BCT A-GI Plans and presentations and developed a draft assessment process and plan.

- JFIIT, in support of the Air Force Special Operations Command (AFSOC) request, provided planning assistance, tactical digital data integration, and analysis for exercise Emerald Warrior 2007. JFIIT also provided real-time mission monitoring and feedback to participants and Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities (DOTMLPF) recommendations for consideration.

- JFIIT, as the Non-Cooperative Target Identification (NCTI) analytical lead for the Coalition Combat Identification Advanced Concept Technology Demonstration (CCID ACTD) Exercise Bold Quest, produced an analytical report for the CCID ACTD Military Utility Assessment (MUA) intended to influence the FY10-15 Program Objectives Memorandum (POM).

- JFIIT conducted field assessments on equipment, capabilities, and concepts in support of the Joint Close Air Support (JCAS) Executive Steering Committee's, JCAS Action Plan. JFIIT analyzed and reported on numerous equipment and TTP shortfalls prior to fielding and supported testing and training in the close air support field.

- In response to USAF request to support the Air Support Operations Center (ASOC) Modernization, JFIIT provided joint subject matter expertise in the areas of ASOC, Direct Air Support Center (DASC), and Corps Fires Cell operations.

- JFIIT provided support to the Combat Identification/Joint Blue Force Situational Awareness Executive Steering Committee (CID/JBFSA ESC) Combat Identification Action Plan with Joint fires subject matter expertise and assessment capabilities.

- JFIIT assisted the identification of solutions for irregular warfare issues identified during joint task execution and joint capabilities assessments.

FY 2008/2009/2010 Planned Output:

- Using the Brigade Combat Team Air-Ground Integration (BCT A-GI) initiative, JFIIT will follow a designated US Army brigade from the beginning of their pre-deployment training activities, through their deployment and execution of their assigned missions in the Operation Iraqi Freedom Area of Operations. JFIIT will develop Doctrine, Organization, Training, Material, Leadership, Personnel, Facilities (DOTMLPF) recommendations and proposals for changes to unit Standard Operating Procedure and improvements to Brigade Combat Team pre-deployment training based on

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observations and analysis throughout this process. JFIIT is programmed to develop and assess the pre-deployment mission rehearsal exercise support package as requested by the Services and COCOMs to vet joint fires issues identified through the USJFCOM Joint Center for Operational Analysis (JCOA) Lessons Learned program.

- JFIIT, as the Non-Cooperative Combat Identification (NCTI) analytical lead for the Coalition Combat Identification Advanced Combat Identification Demonstration (CCID ACTD) Bold Quest Plus produces analytical reports for the CCID ACTD Military Utility Assessment (MUA).
- JFIIT will continue to identify solutions in support of irregular warfare Joint fires issues.
- JFIIT will continue to refine and enhance support to pre-deployment mission rehearsal exercises as requested by the Services and COCOMs. Evolving joint fires issues identified during the rotational units pre-deployment exercises form the basis to develop tactical level recommendations to address the operational gaps and seams.
- JFIIT will continue support for irregular warfare in the capability and training assessment of special operations exercises and events in preparation for Deployment and will assist in the identification of solutions in support of irregular warfare issues identified during these joint task execution and joint capabilities assessments.

Accomplishments/Planned Program Title:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Joint Fires Integration & Interoperability (JFIIT) Capabilities Development	7.119	7.022	7.320

The emphasis of the JFIIT Capabilities Development effort is continued development of Joint Fires and combat identifications capabilities. JFIIT focuses on current and emergent Joint Fires capabilities such as tactics, techniques, and procedures (TTP), Systems, and System of Systems. JFIIT is working with the Combat Training Centers to enhance Joint training for evolving joint fires issues identified during the rotational units pre-deployment exercises form the basis to develop tactical level recommendations to address the operational gaps and seams. To support Service and COCOM capability development efforts, JFIIT develops Doctrine, Organization, Training, Material, Leadership, Personnel, Facilities (DOTMLPF) Change Recommendations, improvements in coordination of fires, command and control, and interoperability of firing systems resulting in increased effectiveness and efficiency, and technical expertise in providing Joint solutions to capability gaps.

The primary outputs and efficiencies include:

- recommendations for Counter-Rocket, Mortar, and Artillery (C-RAM) response functions
- validated Doctrine, Organization, Training, Material, Leadership, Personnel, Facilities (DOTMLPF) Joint fires recommendations
- appraisals of service venues joint context and ability to support joint training
- resolution of Combat ID and Joint Close Air Support Action Plan issues
- publication of Tactical Leader's Joint Intelligence, Surveillance & Reconnaissance (ISR) Handbook
- development of a Joint training capability on the Western Ranges
- accreditation/certification for Joint fires context and training capability of service venues
- recommendations for tactical Joint fires improvement solutions
- Global Area Reference System (GARS) employment and implementation as a common reference system and battle management tool (2009)
- recommendations for system integration and interoperability
- optimum utilization of currently fielded systems
- ability to include Joint context during new system acquisition or development
- new system capability that meets current Joint operational requirements
- proposed tactics, techniques and procedures (TTP) and doctrine
- increased effectiveness and confidence in combat identification
- reduced collateral damage and decreased number of fratricide incidents across the force
- Jointly trained forces

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FY 2007 Output: JFIIT conducted Joint fires and combat identification capabilities development in conjunction with Service's and USJFCOM exercises, experiments, and test and evaluation events primarily in the areas of Joint air-to-ground fires integration with maneuver and Joint Intelligence, Surveillance & Reconnaissance (ISR) support to maneuver. JFIIT is also chartered to develop techniques for emerging combat identification technology enhancements and Joint fires initiatives.

- JFIIT, in support of Commanding General of the National Training Center (NTC) and USAF Joint Air-Ground Operations (JAGO) Group, developed a Joint Intelligence, Surveillance, and Reconnaissance (JISR) Integration at the Combat Training Centers (CTC) activity that provided recommendations and plans to the National Training Center (NTC), Green Flag, Joint Unmanned Aerial Systems Center of Excellence, and USJFCOM for integrated training on the NTC range complex. JFIIT has provided Joint fires, Joint ISR, and network subject matter expertise to: assist synchronization of Joint tasks; facilitate Joint mission thread execution; and provided training and mentoring to Combat Training Center staff and observer controllers. These activities promoted the synergistic application of Joint capabilities to effectively perform joint fires.

FY 2008 Planned Output:

- JFIIT will continue capability development of the Joint Intelligence, Surveillance, and Reconnaissance (JISR) Integration at the Combat Training Centers (CTC) integrated training initiative. JFIIT will provide Joint fires, Joint ISR, and network subject matter expertise to: assist synchronization of joint tasks; facilitate joint mission thread execution; and provide training development and mentoring to Combat Training Center staff and observer controllers. These activities will promote the synergistic application of joint capabilities to effectively perform joint fires.

- JFIIT will be the USJFCOM lead for the Counter-Rocket, Artillery, and Mortar (C-RAM) initiative to develop Tactics, Techniques, and Procedures for effective utilization of the current C-RAM technologies to enhance this Joint capability. JFIIT will be the USJFCOM lead for the next generation of C-RAM, the Integrated Unit, Base and Installation Protection (IUBIP) system.

- JFIIT will continue as USJFCOM lead for advocacy of the Global Area Reference System (GARS). This activity will promote standardized application and employment of a common coordinate format to provide timely and accurate exchange of target data to conduct joint fires.

- JFIIT will continue Joint Task Execution and Joint Capabilities assessments to ensure other Brigade Combat Teams benefit from the latest lessons learned prior to deployment. By integrating this vital information into the USA National Training Center's LTP, Brigade Commanders and their staffs can quickly integrate and maximize joint systems to support joint operations.

- JFIIT will continue supporting the Joint National Training Capability (JNTC) certification and accreditation program and execution of Joint fires related JNTC exercises. JFIIT will identify operational issues for the unit's pre-deployment rehearsals, prior to their deployment to the theater of operations, incorporating the most current lessons learned for implementation in combat.

- JFIIT will publish a semiannual Joint Fires Today bulletin to address issues of interest to the joint fires community.

FY 2009 Planned Output:

- JFIIT will continue to refine and enhance support to pre-deployment mission rehearsal exercises as requested by the Services and Combatant Commands. Evolving joint fires issues identified during the rotational units pre-deployment exercises form the basis to develop tactical level recommendations to address the operational gaps and seams.

- JFIIT will continue development of the Joint Intelligence, Surveillance, and Reconnaissance (JISR) Integration at the Combat Training Centers (CTC) integrated training initiatives. JFIIT will provide Joint fires, Joint ISR, and network subject matter expertise to: assist synchronization of joint tasks; facilitate joint mission thread execution; and training development and mentoring to Combat Training Center staff and observer controllers. These activities will promote the synergistic application of Joint capabilities to effectively perform joint fires.

- JFIIT will be the USJFCOM lead for the Integrated Unit, Base and Installation Protection (IUBIP) system which replaces the Counter-Rocket, Artillery, and Mortar (C-RAM). JFIIT will develop tactics, techniques, and procedures for effective utilization of the IUBIP technologies to enhance this Joint capability.

- JFIIT will continue as USJFCOM lead for advocacy of the Global Area Reference System (GARS). This will promote standardized application and employment of a common coordinate format to provide timely and accurate exchange of target data to conduct joint fires.

Accomplishments/Planned Program Title:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Joint Fires Integration & Interoperability (JFIIT) Evaluations	3.883	3.841	4.064

The emphasis of JFIIT Evaluations effort is the evaluation of Joint fires and combat identification to provide Services and Agencies findings and recommendation based on quantifiable data. JFIIT collects and analyzes data and provides observations, finding, conclusions, and recommendations to identify Joint training and operational solutions/products that promote capability improvement.

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Accurate data is necessary to accurately develop solutions to identified problems and improve Joint fires. JFIIT provides a truth-based data collection capability to support a holistic approach to the overall improvement of Joint fires. Evaluations range from small, single-focus events to large, multi-event/venue exercises.

The primary mission areas are Joint intelligence, surveillance, and reconnaissance (JISR) support to maneuver and Joint air-to-ground fires integration with maneuver. JFIIT provides feedback and promotes or identifies needed improvements. JFIIT conducts evaluations using a holistic approach to the overall improvement of Joint fires, solutions to target acquisition, command and control, and firing systems. Without this holistic approach to the overall improvement of Joint fires, Services risk not meeting Joint requirements in today's combat environment.

The primary outputs and efficiencies include:

- Evaluation of Joint fires issues based on customer requests
- improvements in Joint Terminal Attack Controller (JTAC) and Joint Fires Observer reports to customers with findings based on analysis of data
- analytical based recommendations on systems interoperability and integration
- quantifiable data for making acquisition decisions for new Joint systems or capability development such as Military Utility Assessment (MUA) reports
- adequate Joint fires tactics, techniques and procedures (TTP)
- effective fires during Joint operations
- increased effectiveness and confidence in combat identification
- reduced collateral damage and decreased number of fratricide incidents across the force
- Jointly trained forces

FY 2007 Output: JFIIT conducted Joint fires and combat identification evaluations in conjunction with Service's and USJFCOM exercises, experiments, and test and evaluation events primarily in the areas of Joint air-to-ground fires integration with maneuver and Joint ISR support to maneuver. JFIIT is also chartered to develop techniques for emerging combat identification technology enhancements and Joint fires initiatives.

- JFIIT, in support of USCENTCOM, provided planning, execution and analysis support for the United States Central Command Air Forces (USCENTAF) Atlantic Strike IV and V exercises. This was the fourth and fifth iteration of an ongoing event to assess and train Joint Close Air Support (JCAS) aircrews, Joint Terminal Attack Controllers (JTACs), and Joint Fires Observers (JFOs). JFIIT provided daily training effectiveness feedback to CENTAF/18 Air Support Operations Group (ASOG) and exercise participants, data and recommendations for inclusion in CENTAF After Action Reports, and provided Remotely Operated Video Enhanced Receiver (ROVER) mentoring and training assistance for operators and trainers.
- JFIIT, in support of the OSD Acquisition Technology and Logistics and a request from the Joint Fires Coordination Measures Joint Test and Evaluation (JFCM JT&E) Director, provided Joint fires Subject Matter Expertise, data collection and analysis during JFCM JT&E mini-test in conjunction with exercise Talisman Saber 2007.
- JFIIT, in conjunction with the 46th Test Squadron and Air Force-Integrated Collaborative Environment (AF-ICE), supported the Joint Systems Integration Command (JSIC) in conducting end-to-end technical assessment of JCAS Theater Air-to-Ground Systems (TAGS) and Network Enabled Weapons. This assessment supported Joint Command and Control Capability Portfolio Manager (JC2 CPM) Joint Close Air Support (JCAS) objectives. JFIIT provided system support and Joint Terminal Attack Controller (JTAC) expertise to enhance Joint Test Threads (JTT). Separate threads included C2 and digital architecture for Net Enabled Weapons target pairing.
- Digital Air Support Requests

FY 2008 Planned Output:

- JFIIT leads the Joint Fires Support Interoperability Working Group (JFSIWG) in addressing issues of concern to the joint fires community. The JFSIWG addresses the Advanced Field Artillery Fire Control System (AFATDS) to Theater Battle Management Core Systems (TBMCS) interoperability issues raised in an Army Central Command (ARCENT) memo requesting assistance from USJFCOM.
- JFIIT will provide planning, execution, and analysis support for the USCENTAF Atlantic Strike VI and VII exercises. This is an ongoing event to evaluate and train Joint Close Air Support aircrews, Joint Terminal Attack Controllers, and Joint Fires Observers.

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FY 2009 Planned Output:

- JFIIT will lead the JFSIWG to address issues of concern to the joint fires community.
- JFIIT will provide planning, execution, and analysis support for the USCENTAF Atlantic Strike VIII and IX exercises. This is an ongoing event to evaluate and train Joint Close Air Support aircrews, Joint Terminal Attack Controllers, and Joint Fires Observers.

C. Other Program Funding Summary Not applicable for this item.

D. Acquisition Strategy Not applicable for this item.

E. Major Performers

Category	Name	Location	Type of Work and Description	Award Date
<u>Other</u>				
	VARIOUS	VARIOUS	Funds are sub allocated to JFCOM for JFIT.	Mar 08

OSD RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
4 - Advanced Component Development and Prototypes (ACDP)			0604828D8Z - Joint Fires Integration & Interoperability							P857		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
analyses				499				-28			471	
Subtotal:				499				-28			471	
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Evaluation Other Costs	MIPR	Various		4162	1-4Q	4256	1-4Q	4500	1-4Q		12918	
Operations Costs/Research	MIPR	JFIIT/Various		1660	1-4Q	1700	1-4Q	1750	1-4Q		5110	
New R3 Line												
Subtotal:				5822		5956		6250			18028	
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Development Test and Evaluation	MIPR	JFIIT/Various		743	1-4Q	700	1-4Q	750			2193	
Operational Test and Evaluation	CPFF	SAIC, BAE, NG/Eglin AFB		9297	1-4Q	9396	1-4Q	9484			28177	
Operational Test and Evaluation	CPAF	TAMS/Eglin AFB		323	1-4Q	400	1-4Q	450			1173	
Subtotal:				10363		10496		10684			31543	
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract

OSD RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes (ACDP)			PE NUMBER AND TITLE 0604828D8Z - Joint Fires Integration & Interoperability							PROJECT P857	
Travel/Conferences	MIPR	JFIIT/Various									
Subtotal:											
Project Total Cost:				16684		16452		16906		50042	

Schedule Profile (R4 Exhibit)

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BUDGET ACTIVITY
4 - Advanced Component Development and Prototypes (ACDP)

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Event Name	FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13							
	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				
Operational Test, Planning, Publications	[Redacted]																															

Schedule Detail (R4a Exhibit)

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BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes (ACDP)	PE NUMBER AND TITLE 0604828D8Z - Joint Fires Integration & Interoperability	PROJECT P857
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<u>Schedule Detail</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>
Operational Test	2Q - 4Q	1Q - 4Q	1Q - 4Q				
Planning	1Q - 4Q	1Q - 4Q	1Q - 4Q				
Publications	1Q - 4Q	1Q - 4Q	1Q - 4Q				
Operational Test							