
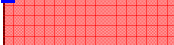

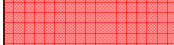







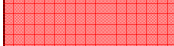

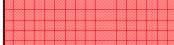

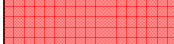

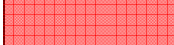

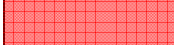

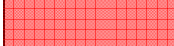

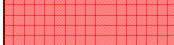

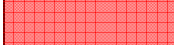

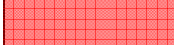

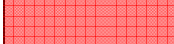

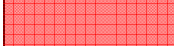

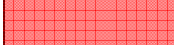

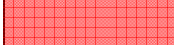

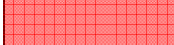

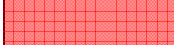

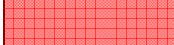

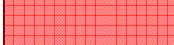

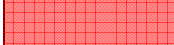



ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006		
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603850A - Integrated Broadcast Service (JMIP/DISTP)					PROJECT 472		
COST (In Thousands)		FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
472	INTEGRATED BROADCAST SERVICE (JMIP/DISTP)	4292	2723	1135	0	0	0	0	0	12046
<p><u>A. Mission Description and Budget Item Justification:</u> The Integrated Broadcast Service (IBS) is the worldwide DoD standard network for transmitting tactical and strategic intelligence and targeting data within a common format and migrating to a single family of Joint Tactical Terminals (JTT) for improved operational jointness. The JTT is a totally integrated Joint Program (all services and Special Operations Command (SOCOM)) which was created to consolidate and replace existing IBS terminal functionality/capability, with a "common family" of common Integrated Broadcast Service-Modules (CIBS-M) (both hardware and software). This is required to implement the IBS Plan and consolidate/eliminate duplicative efforts. The JTT program leverages, early tech-based efforts initiated by organizations such as the National Reconnaissance Office (NRO). For efforts that contribute to increased value in performance or sustainment, management control will transition to the JTT Joint Program Office (JPO) and capabilities will be integrated into the CIBS-M family of hardware and software modules. The CIBS-M family of modules will be the "sole" provider, ensuring continued IBS interoperability to a variety of tactical receivers across DoD and the services. This program funds the design, development, test and evaluation of initial CIBS-M hardware and software modules, as well as implementing performance enhancements to the family of JTT equipment, and to training, equipping and supporting the warfighter with improved Joint Readiness and Interoperability. This family of modules disseminates encrypted intelligence broadcasts to commanders in a network centric environment. As recommended by the Analysis of Alternatives study concerning the JTT capabilities migration to JTRS, JTT will convert legacy IBS waveforms (IBS-Interactive, IBS-Simplex) to a Software Communication Architecture (SCA) compliant equivalent and deliver those waveforms to the JTRS Joint Program Office (JPO) for inclusion in the JTRS waveform library. JTT will integrate the SCA compliant objective IBS waveform into the JTT system as it becomes available from the JTRS JPO.</p>										
<u>Accomplishments/Planned Program</u>							<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
Develop and test modules for Software Communications Architecture (SCA) compliant legacy waveforms for JTRS.							2000	0	0	
Develop Integrated Broadcast Service (IBS) Common Message Format (CMF) to support migration to the IBS Worldwide standard DOD Network							2292	2723	1135	
Total							4292	2723	1135	

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2006		
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes				PE NUMBER AND TITLE 0603850A - Integrated Broadcast Service (JMIP/DISTP)				PROJECT 472	
<u>B. Program Change Summary</u>				FY 2005	FY 2006	FY 2007			
Previous President's Budget (FY 2006)				4294	2762	0			
Current BES/President's Budget (FY 2007)				4292	2723	1135			
Total Adjustments				-2	-39	1135			
Congressional Program Reductions					-12				
Congressional Rescissions					-27				
Congressional Increases									
Reprogrammings				-2					
SBIR/STTR Transfer									
Adjustments to Budget Years						1135			
Change Summary Explanation: Funding - FY 2007: Funds support testing of the Integrated Broadcast Service (IBS) Common Message Format (CMF) to support migration to the IBS Worldwide standard DoD Network.									
<u>C. Other Program Funding Summary</u>									
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
V29600 Other Procurement, Army - JTT/CIBS-M (Tiara),	13702	9862	972	975	721	0	0	0	26232
Comment:									
<u>D. Acquisition Strategy</u> Modifications for the design, development and delivery to JTRS JPO of JTRS SCA compliant legacy IBS waveforms has been awarded to Boeing under an existing Air Force contract, to complete ongoing work funded by USAF Airborne Intelligence System Program Office. The CMF development has been awarded to the JTT Original Equipment Manufacturer (OEM). As the broadcast networks continue to evolve and modify their formats and protocols, the JTT program will support IBS and various existing and future radios and host systems.									

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
4 - Advanced Component Development and Prototypes			0603850A - Integrated Broadcast Service (JMIP/DISTP)							472		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
JTRS SCA/IBS Modules	MIPR	Air Force/Boeing	2552	1429	1-4Q	0		0		0	3981	3712
Common Message Format	CPFF	Raytheon, St. Petersburg, FL	0	2223	1-4Q	2103	1-4Q	0		0	0	2320
Subtotal:			2552	3652		2103		0		0	3981	6032
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	CECOM/RDCOM, Ft. Monmouth, NJ	720	240	1Q	220	1Q	205	1Q	0	0	0
Subtotal:			720	240		220		205		0	0	0
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
IOT&E support	MIPR	Various	1402	0		0		250	1Q	0	1652	0
JITC DAMA Certification of JTT	MIPR	JITC	400	0		0		235	1Q	0	0	0
Certification of CMF	MIPR	Various	0	0		200	4Q	250	1Q	0	450	0
JTEL Certification of SCA	MIPR	SPAWAR, CA	0	200	4Q	0		0		0	200	0
Subtotal:			1802	200		200		735		0	2302	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract

ARMY RDT&E COST ANALYSIS (R3)								February 2006				
BUDGET ACTIVITY			PE NUMBER AND TITLE								PROJECT	
4 - Advanced Component Development and Prototypes			0603850A - Integrated Broadcast Service (JMIP/DISTP)								472	
Program Management	In House	PM JTT, Ft. Monmouth, NJ	782	200	1Q	200	1Q	195	1Q	0	0	0
Subtotal:			782	200		200		195		0	0	0
Project Total Cost:			5856	4292		2723		1135		0	6283	6032

Schedule Profile (R4 Exhibit)																		February 2006																		
BUDGET ACTIVITY					PE NUMBER AND TITLE																		PROJECT													
4 - Advanced Component Development and Prototypes					0603850A - Integrated Broadcast Service (JMIP/DISTP)																		472													
Event Name					FY 05				FY 06				FY 07				FY 08				FY 09				FY 10				FY 11							
					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				
JTRS SCA Compliant Legacy Waveforms																																				
(1) Delivery for JTEL Certification of SCA Modules																																				
CMF Development																																				
(2) Certification of CMF																																				
(3) CMF testing for migration to Objective IBS																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				
																																				

Schedule Detail (R4a Exhibit)						February 2006	
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes		PE NUMBER AND TITLE 0603850A - Integrated Broadcast Service (JMIP/DISTP)				PROJECT 472	
<u>Schedule Detail</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Dev of SCA Compliant Legacy Waveforms for JTRS	1-4Q						
JTEL Certification of SCA Modules		2Q					
Common Message Format (CMF) Development	3-4Q	1-4Q					
Certification of CMF		4Q					
CMF testing for migration to Objective IBS			1Q				