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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0603850A: <i>Integrated Broadcast Service</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	0.939	1.494	0.096	-	0.096	0.114	-	-	-	Continuing	Continuing
472: <i>INTEGRATED BROADCAST SERVICE (MIP)</i>	0.939	1.494	0.096	-	0.096	0.114	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Joint Program Office (JPO) for IBS Terminals supports all Services and Special Operations Command (SOCOM). The Integrated Broadcast Service (IBS) is the worldwide Department of Defense (DoD) standard network for transmitting time-sensitive tactical and strategic intelligence and targeting data to all echelons of Joint Service operational users. The JPO's role is to consolidate and replace existing IBS terminal functionality and capability, and to expedite execution of the IBS Technical Transition Plan (TTP). The JTT family of systems currently consists of the JTT-Senior and JTT-IBS. The TTP is a comprehensive refresh effort of the entire IBS network focused on rearchitecting the broadcast from its current multi-broadcast, multi-data format structure, to a single broadcast (Common Interactive Broadcast - CIB) and single data format (Common Message Format - CMF). The JTT family of systems is a critical component of the TTP as these systems are the only IBS receiver/transceiver devices in the DoD being modernized to support both the new consolidated broadcast architecture and the National Security Agency's (NSA) crypto modernization mandate. The JTT upgrades must execute the over-the-air broadcast portion of the TTP in the near term to avoid a complete cessation of IBS data flow via the existing over-the-air IBS broadcast networks. The JTT will be the official IBS producer system, ensuring continued IBS interoperability to a variety of tactical receivers across DoD and the services throughout the TTP implementation period and beyond. This program funds the integration and evaluation of JTT hardware and software modules, as well as implementing performance enhancements to the family of JTT equipment. This is necessary to ensure crypto modernization compliance and to facilitate migration to a rearchitected CIB and CMF-based IBS broadcast structure.

FY13 Funds of \$.096 million support the final testing of the Common Interactive Broadcast (CIB) waveform migration to the IBS Intelligence Data Enterprise. The JTT technical insertion transitions to sustainment by the end of FY12. During the November 2010 POM brief, a zero-sum request was submitted to shift \$1.5 million of FY13 Base Research, Development, Testing, and Evaluation dollars to FY13 Base Procurement dollars to sustain support for DoD customers.

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2040: Research, Development, Test & Evaluation, Army		PE 0603850A: Integrated Broadcast Service			
BA 4: Advanced Component Development & Prototypes (ACD&P)					
B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	0.970	1.496	1.540	-	1.540
Current President's Budget	0.939	1.494	0.096	-	0.096
Total Adjustments	-0.031	-0.002	-1.444	-	-1.444
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-0.031	-0.002	-1.444	-	-1.444

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603850A: Integrated Broadcast Service				PROJECT 472: INTEGRATED BROADCAST SERVICE (MIP)			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
472: INTEGRATED BROADCAST SERVICE (MIP)	0.939	1.494	0.096	-	0.096	0.114	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Joint Program Office (JPO) for IBS Terminals supports all Services and Special Operations Command (SOCOM). The Integrated Broadcast Service (IBS) is the worldwide Department of Defense (DoD) standard network for transmitting time-sensitive tactical and strategic intelligence and targeting data to all echelons of Joint Service operational users. The JPO's role is to consolidate and replace existing IBS terminal functionality and capability, and to expedite execution of the IBS Technical Transition Plan (TTP). The JTT family of systems currently consists of the JTT-Senior and JTT-IBS. The TTP is a comprehensive refresh effort of the entire IBS network focused on rearchitecting the broadcast from its current multi-broadcast, multi-data format structure, to a single broadcast (Common Interactive Broadcast - CIB) and single data format (Common Message Format - CMF). The JTT family of systems is a critical component of the TTP as these systems are the only IBS receiver/transceiver devices in the DoD being modernized to support both the new consolidated broadcast architecture and the National Security Agency's (NSA) crypto modernization mandate. The JTT upgrades must execute the over-the-air broadcast portion of the TTP in the near term to avoid a complete cessation of IBS data flow via the existing over-the-air IBS broadcast networks. The JTT will be the official IBS producer system, ensuring continued IBS interoperability to a variety of tactical receivers across DoD and the services throughout the TTP implementation period and beyond. This program funds the integration and evaluation of JTT hardware and software modules, as well as implementing performance enhancements to the family of JTT equipment. This is necessary to ensure crypto modernization compliance and to facilitate migration to a rearchitected CIB and CMF-based IBS broadcast structure.

FY13 Funds of \$.096 million support the final testing of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Intelligence Data Enterprise. The JTT technical insertion transitions to sustainment by the end of FY12. During the November 2010 POM brief, a zero-sum request was submitted to shift \$1.5 million of FY13 Base Research, Development, Testing, and Evaluation dollars to FY13 Base Procurement dollars to sustain support for DoD customers.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2011	FY 2012	FY 2013
Title: JTT IBS CIB Integration	0.939	1.494	0.096
Articles:	0	0	
Description: Integration of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Worldwide standard DoD Network and NSA Certification			
FY 2011 Accomplishments: JTT Senior Upgrade; integration of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Worldwide standard DoD Network			
FY 2012 Plans:			

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603850A: <i>Integrated Broadcast Service</i>	PROJECT 472: <i>INTEGRATED BROADCAST SERVICE (MIP)</i>	

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
JTT IBS CIB integration of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Worldwide standard DoD Network FY 2013 Plans: Integration of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Worldwide standard DoD Network and NSA Certification			
Accomplishments/Planned Programs Subtotals	0.939	1.494	0.096

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• V29600 Other Procurement, Army - JT: V29600 Other Procurement, Army - JTT/CIBS-M (Tiara)	3.303	4.657	1.641		1.641		0.849	0.874	0.900	0.000	13.048

D. Acquisition Strategy
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 migrating to the CIB/CMF. Funds support the integration of the Common Interactive Broadcast (CIB) waveform for migration to the IBS Worldwide standard Department of Defense (DoD) Network.

E. Performance Metrics
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.