Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army

Date: February 2015

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

2040: Research, Development, Test & Evaluation, Army I BA 4: Advanced

PE 0603850A I Integrated Broadcast Service

Component Development & Prototypes (ACD&P)

COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	0.079	-	-	-	-	-	-	-	-	-	0.079
472: Integrated Broadcast Service (MIP)	-	0.079	-	-	-	-	-	-	-	-	-	0.079

Note

Army

Follow-on funding for this effort has been realigned to PE 0305179A Project EF4.

A. Mission Description and Budget Item Justification

The Joint Program Office (JPO) for Integrated Broadcast Service (IBS) Terminals supports all of the Joint Services and Special Operations Command (SOCOM). The IBS is the worldwide Department of Defense (DoD) standard network enterprise 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 coordinate sustainment and modernization of IBS terminals compatible with the Common Interactive Broadcast (CIB). The JTT family of systems currently consists of the JTT-Senior and JTT-IBS systems, and they satisfy Radio Frequency (RF) Key Performance Parameters (KPPs) for the IBS Program. The JTT is the official IBS producer system, and ensures continued IBS interoperability to a variety of tactical producers/consumers across the Joint Services. JPO IBS Terminals performs JTT life cycle program management through fielding and sustainment of recently upgraded JTT equipment which includes technical fixes as needed in the newly upgraded IBS network that now uses new crypto, a new Common Interactive Broadcast (CIB), and the Common Message Format (CMF). Funds support continued technical fixes/enhancements, configuration management for JTT crypto/CIB/CMF capabilities after the FY14 Initial Operational Capability (IOC) of the newly upgraded IBS network enterprise.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	0.079	-	-	-	-
Current President's Budget	0.079	-	-	-	-
Total Adjustments	-	-	-	-	=
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	-	-			
 Congressional Rescissions 	-	-			
 Congressional Adds 	-	-			
 Congressional Directed Transfers 	-	-			
 Reprogrammings 	-	-			
 SBIR/STTR Transfer 	-	-			

PE 0603850A: Integrated Broadcast Service UNCLASSIFIED

Exhibit R-2A, RDT&E Project Ju	stification	: PB 2016 A	rmy							Date: Feb	ruary 2015	
Appropriation/Budget Activity 2040 / 4							t (Number/ ated Broadd	lumber/Name) rrated Broadcast Service (MIP)				
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
472: Integrated Broadcast Service (MIP)	-	0.079	-	-	-	-	-	-	-	-	-	0.079
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Follow-on funding for this effort has been realigned to PE 0305179A Project EF4.

A. Mission Description and Budget Item Justification

The JPO for IBS Terminals supports all of the Joint Services and SOCOM. The IBS is the worldwide DoD standard network enterprise 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 coordinate sustainment and modernization of IBS terminals compatible with the CIB. The JTT family of systems currently consists of the JTT-Senior and JTT-IBS systems, and they satisfy RF KPPs for the IBS Program. The JTT is the official IBS producer system, and ensures continued IBS interoperability to a variety of tactical producers/consumers across the Joint Services. JPO IBS Terminals performs JTT life cycle program management through fielding and sustainment of recently upgraded JTT equipment which includes technical fixes as needed in the newly upgraded IBS network that now uses new crypto, a new CIB, and the CMF. Funds support continued technical fixes/enhancements, configuration management for JTT crypto/CIB/CMF capabilities after the FY14 IOC of the newly upgraded IBS network enterprise.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Title: JTT IBS CIB Integration	0.079	-	-
Description: Integration of the CIB waveform for migration to the IBS Worldwide standard DoD Network and NSA Certification			
FY 2014 Accomplishments: Completed CIB performance evaluation in over-the-air, system-of-systems, SATCOM environment.			
Accomplishments/Planned Programs Subtotals	0.079	-	-

C. Other Program Funding Summary (\$ in Millions)

			FY 2016	FY 2016	FY 2016					Cost To	
<u>Line Item</u>	FY 2014	FY 2015	<u>Base</u>	<u>000</u>	<u>Total</u>	FY 2017	FY 2018	FY 2019	FY 2020	Complete	Total Cost
V29600 Other Procurement, Army	0.824	0.870	0.881	-	0.881	0.892	0.907	0.924	0.940	Continuing	Continuing

- JT: V29600 Other Procurement,

Army - JTT/CIBS-M (Tiara)

Remarks

Army

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R-1 Line #70

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army	Date: February 2015	
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0603850A I Integrated Broadcast Service	Project (Number/Name) 472 I Integrated Broadcast Service (MIP)
D. Acquisition Strategy		
Funds support continued CIB performance evaluation in over-the-air, system-	-of-systems, SATCOM environment.	
E. Performance Metrics		
N/A		

PE 0603850A: *Integrated Broadcast Service* Army

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	2016 Arm	y								Date:	February	2015	
Appropriation/Budge 2040 / 4	et Activity	1					ogram Ele 03850A / / e	•		•		tegrated l	r/ Name) Broadcast	Service	(MIP)
Product Developmer	nt (\$ in M	illions)		FY 2	2014	FY	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Common Interactive Broadcast Integration JTT- IBS	Various	DRS : Dayton OH	0.969	0.079		-		-		-		-	-	1.048	12.451
		Subtotal	0.969	0.079		-		-		-		-	-	1.048	12.451
Test and Evaluation	(\$ in Milli	ons)		FY 2	2014	FY	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Testing	Various	TBD : TBD	0.621	-		-		-		-		-	-	0.621	-
		Subtotal	0.621	-		-		-		-		-	-	0.621	-
			Prior Years	FY 2	2014	FY	2015		2016 ase		2016 CO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	1.590	0.079		_		_		-		_	-	1.669	12.451

Remarks

PE 0603850A: *Integrated Broadcast Service* Army

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 A	rmy																		Di	ate	: Fe	ebrua	ary 2	2015		
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0603850A / Integrated Broadcast Service											Project (Number/Name) 472 I Integrated Broadcast Service (MIP)										
Event Name		FY 2014			FY 2015 FY 2016					FY 2017			FY 2018				FY 2019						020			
IBS System of Systems Testing	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
DO DYSIEM OF DYSIEMS TESTING																										

PE 0603850A: *Integrated Broadcast Service* Army

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 4	131111111111111111111111111111111111111	- 3 (umber/Name) rated Broadcast Service (MIP)

Schedule Details

	St	art	End				
Events	Quarter	Year	Quarter	Year			
IBS System of Systems Testing	4	2011	1	2014			