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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0300349A I Win-T Increment 2 - Initial Networking							
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	-	-	3.247	3.800	-	3.800	-	-	-	-	-	7.047
EE7: WIN-T Increment 2 - Initial Networking	-	-	3.247	3.800	-	3.800	-	-	-	-	-	7.047

A. Mission Description and Budget Item Justification

Warfighter Information Network (WIN-T) Increment (Inc) 2 provides the Army with On-The-Move (OTM) networking capability. The WIN-T Inc 2 network retains capabilities delivered by WIN-T Inc 1 and by leveraging proven government and commercial technologies, adds greater network throughput and automated Network Management to optimize planning (to include spectrum use), initialization, monitoring and troubleshooting. WIN-T Inc 2 employs Beyond Line of Sight (BLOS) Satellite Communications (SATCOM) OTM to extend the network in maneuver Brigade Combat Teams (BCTs) to Company level for the first time. Using equipment mounted on combat platforms, WIN-T Increment 2 delivers a mobile capability that reduces reliance on fixed infrastructure and allows key leaders to move on the battlefield while retaining Situational Awareness and Mission Command capabilities. Using the Highband Networking Radio (HNR), with the Highband Networking Waveform (HNW) and high performance antennas, the WIN-T Inc 2 Line-of-Sight (LoS) network offers an adaptive 30 Megabit per second (Mbps) aggregate throughput to key leaders in their Command Post or in their vehicle. The WIN-T Inc 2 network is self-forming, which means that it automatically creates transmission paths based on terrain and environmental conditions; and self-healing, meaning that the paths will automatically re-route traffic to complete network transactions and calls even if one or more nodes break down or loses connectivity. This offers greater network reliability and better end-to-end connectivity than traditional point-to-point networks. WIN-T Inc 2 introduces the network management capability needed to keep the mobile and dispersed forces networked together through automated planning, initialization, monitoring, and troubleshooting. Finally, WIN-T adopts "Colorless Core" technology that encrypts both classified and unclassified user information in the network and minimizes the number of users on the "core" of the network. The Colorless Core allows commanders to utilize the tactical network without fear of the enemy intercepting information. Colorless Core is a technical insertion in the WIN-T Inc 1b network which enables efficient information sharing between Inc 1b and Inc 2.

WIN-T Inc 3 mature Network Operations (NetOps) technologies will be inserted into WIN-T Increment 2 units.

FY16 funds support Operational Testing (NIE 16.2) and tech insertion of NetOps Build 5 and upgrade to NetCentric Waveform (NCW) 10.x.

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development		PE 0300349A / Win-T Increment 2 - Initial Networking			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	-	3.249	18.209	-	18.209
Current President's Budget	-	3.247	3.800	-	3.800
Total Adjustments	-	-0.002	-14.409	-	-14.409
• Congressional General Reductions	-	-0.002			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-14.409	-	-14.409

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0300349A / Win-T Increment 2 - Initial Networking				Project (Number/Name) EE7 / WIN-T Increment 2 - Initial Networking			
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
EE7: WIN-T Increment 2 - Initial Networking	-	-	3.247	3.800	-	3.800	-	-	-	-	-	7.047
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2014	FY 2015	FY 2016
Title: Product Development	-	0.208	1.127
Description: Product Development			
FY 2015 Plans: Development efforts for Technical Insertions.			
FY 2016 Plans:			

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B. Accomplishments/Planned Programs (\$ in Millions)								FY 2014	FY 2015	FY 2016	
Development efforts for Technical Insertions.											
Title: Test and Evaluation								-	3.039	2.673	
Description: Test and Evaluation											
FY 2015 Plans: FY15 funding will be used for the second FOT&E activities, including test report required for Full Rate Production Defense Acquisition Board (DAB) and NIE 15.1 which will test Stryker Platform flat bottom variant.											
FY 2016 Plans: FY16 funds support Operational Testing (NIE 16.2) and tech insertion of NetOps Build 5 and upgrade to NetCentric Waveform (NCW) 10.x.											
Accomplishments/Planned Programs Subtotals								-	3.247	3.800	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• WIN-T Inc 2: WIN-T Inc 2 Procurement	364.438	361.709	504.463	-	504.463	523.513	617.337	627.618	630.365	Continuing	Continuing
• Inc 2 Spares: WIN-T Inc 2 Procurement Spares	21.629	26.100	39.532	-	39.532	22.178	49.562	50.799	124.989	-	334.789
• PE 0603782A/367 RDTE: Research, Development, Test and Evaluation (RDTE) PE 643782/367	1.064	-	-	-	-	-	-	-	-	-	1.064
Remarks											
D. Acquisition Strategy											
The Acquisition Decision Memorandum of September 27, 2013 authorized the procurement of 98 additional communications nodes for Low Rate Initial Production (LRIP), bringing the total LRIP quantity to 1,030 communications nodes. The Project Manager (PM) procured the authorized quantities on the current initial production contract (W15P7T-10-D-C007). This contract was awarded in 2010 as a three year contract with three option years. Lots 1, 2, 3, 4 (minus Soldier Network Extensions [SNE]) and Lot 5 training bases have been procured. Lot 4 SNEs and Lot 5 CIs will be awarded in May 2015, following a successful Full Rate Production Decision. WIN-T Inc 2 provides the Army with On-The-Move (OTM) networking capability. Inc 3 NetOps will be technically inserted into Inc 2 and these inserts will be tested in subsequent Network Integration Evaluation 16.2 (NIE 16.2) events.											

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E. Performance Metrics
N/A

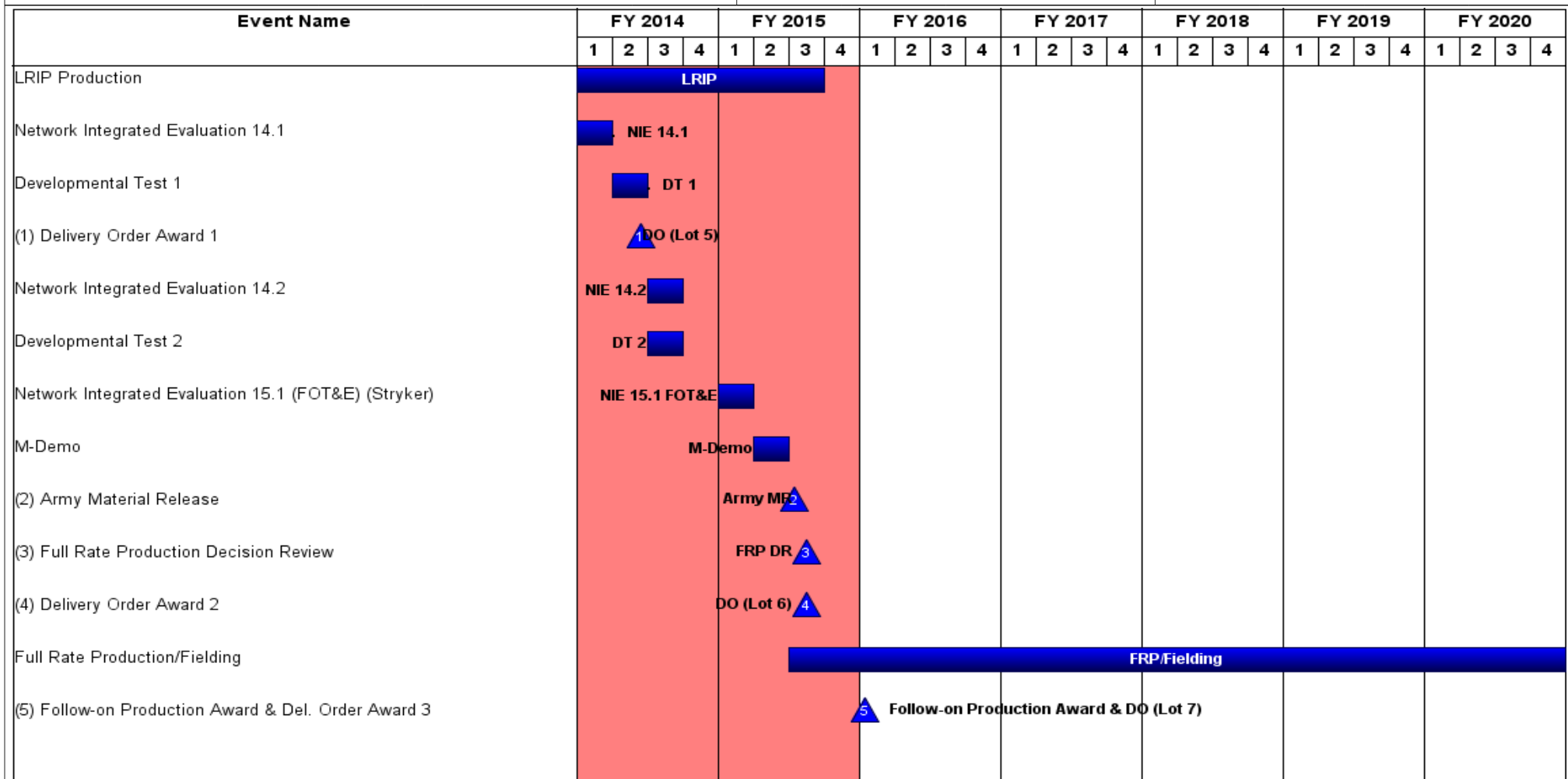
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army													Date: February 2015		
Appropriation/Budget Activity 2040 / 7							R-1 Program Element (Number/Name) PE 0300349A / Win-T Increment 2 - Initial Networking				Project (Number/Name) EE7 / WIN-T Increment 2 - Initial Networking				
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		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
Product Development	SS/IDIQ	various : various	0.000	-		0.208		1.127		-		1.127	-	1.335	-
Subtotal			0.000	-		0.208		1.127		-		1.127	-	1.335	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		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
Test	SS/IDIQ	Various : Various	0.000	-		3.039		2.673		-		2.673	-	5.712	-
Subtotal			0.000	-		3.039		2.673		-		2.673	-	5.712	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		3.247		3.800		-		3.800	-	7.047	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army **Date:** February 2015

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0300349A / Win-T Increment 2 - Initial Networking	Project (Number/Name) EE7 / WIN-T Increment 2 - Initial Networking
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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																				Date: February 2015																	
Appropriation/Budget Activity 2040 / 7										R-1 Program Element (Number/Name) PE 0300349A / Win-T Increment 2 - Initial Networking										Project (Number/Name) EE7 / WIN-T Increment 2 - Initial Networking																	
Event Name										FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
										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
NIE 16.2 NetOps/NCW														NIE 16.2 NetOps/NCW																							
(1) Delivery Order Award 4																		DO (Lot 8)				1															
(2) Delivery Order Award 5																						DO (Lot 9)				2											
(3) Contract Award & Delivery Order Award 6																						Contract Award & DO (Lot 10)				3											
(4) Delivery Order Award 7																										DO (Lot 11)				4							

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0300349A / <i>Win-T Increment 2 - Initial Networking</i>	Project (Number/Name) EE7 / <i>WIN-T Increment 2 - Initial Networking</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
LRIP Production	2	2010	3	2015
Network Integrated Evaluation 14.1	1	2014	1	2014
Developmental Test 1	2	2014	2	2014
Delivery Order Award 1	2	2014	2	2014
Network Integrated Evaluation 14.2	3	2014	3	2014
Developmental Test 2	3	2014	3	2014
Network Integrated Evaluation 15.1 (FOT&E) (Stryker)	1	2015	1	2015
M-Demo	2	2015	2	2015
Army Material Release	3	2015	3	2015
Full Rate Production Decision Review	3	2015	3	2015
Delivery Order Award 2	3	2015	3	2015
Full Rate Production/Fielding	3	2015	4	2020
Follow-on Production Award & Del. Order Award 3	1	2016	1	2016
NIE 16.2 NetOps/NCW	3	2016	3	2016
Delivery Order Award 4	1	2017	1	2017
Delivery Order Award 5	1	2018	1	2018
Contract Award & Delivery Order Award 6	1	2019	1	2019
Delivery Order Award 7	1	2020	1	2020