Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army											Date: May 2017	

| Appropriation/Budget Activity
2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)* | | | | | R-1 Program Element (Number/Name)
PE 0605350A *I WIN-T Increment 3 - Full Networking* | | | | | | | |

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	32.187	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	32.187
EE8: *WIN-T Increment 3 - Full Networking*	-	32.187	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	32.187

Note
 Program was funded in PE 0603782A, project 372 in FY 2014 and prior.

A. Mission Description and Budget Item Justification
Warfighter Information Network – Tactical (WIN-T) Increment 3 (Inc 3) develops the Network Operations (NetOps) software to meet the Army's Network Convergence goals. NetOps provides the monitoring, control and planning tools to ensure management of the voice, data and internet transport networks. The NetOps software will also provide Information Assurance and Network Centric Enterprise Services. This allows for seamless integration of the tactical network planning, management, monitoring, and defense for the Signal staff. These NetOps improvements simplify the management of the network and increase the automation of tools and reporting. The developed NetOps software enhancements will be provided as a technical insertion to WIN-T Increments 1 and 2 for fielding and support.

Increment 3 also develops the enhanced Net Centric Waveform (NCW) version 10.x for increased throughput capability beyond the line of sight satellite communication and the Highband Networking Waveform (HNW) version 3.0 for line of sight communications. Both NCW and HNW provide improved network capacity and robustness. The waveform improvements will be available for use in PM WIN-T and other Army and DoD programs.

The Acquisition Decision Memorandum (ADM) dated 30 May 2014 directed the restructure of the Inc 3 program. Inc 3 completed the development of NetOps Build 4/5, NCW 10.x, and demonstration of the HNW 3.0. The program will also cease all efforts associated with development of Inc 3 unique hardware items and will have an efficient and effective shutdown. ADM anticipated for program closeout in 4QFY16.

B. Program Change Summary ($ in Millions)

	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	33.515	0.000	0.000	-	0.000
Current President's Budget	32.187	0.000	0.000	-	0.000
Total Adjustments	-1.328	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.328	-			

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army											**Date:** May 2017	
Appropriation/Budget Activity 2040 *I* 5				**R-1 Program Element (Number/Name)** PE 0605350A *I* WIN-T Increment 3 - Full Networking					**Project (Number/Name)** EE8 *I* WIN-T Increment 3 - Full Networking			

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
EE8: *WIN-T Increment 3 - Full Networking*	-	32.187	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	32.187
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Program was funded in PE 0603782A, project 372 in FY 2014 and prior.

A. Mission Description and Budget Item Justification

Warfighter Information Network – Tactical (WIN-T) Increment 3 (Inc 3) develops the Network Operations (NetOps) software to meet the Army's Network Convergence goals. NetOps provides the monitoring, control and planning tools to ensure management of the voice, data and internet transport networks. The NetOps software will also provide Information Assurance and Network Centric Enterprise Services. This allows for seamless integration of the tactical network planning, management, monitoring, and defense for the Signal staff. These NetOps improvements simplify the management of the network and increase the automation of tools and reporting. The developed NetOps software enhancements will be provided as a technical insertion to WIN-T Increments 1 and 2 for fielding and support.

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018
Title: Increment 3 Product Development	6.184	-	-
Description: Increment 3 Engineering Maufacturing Development (EMD) continues development of the Inc 3 system software development and prototype manufacturing of test assets for the Inc 3 system. *FY 2016 Accomplishments:* Completes development and testing of assets for HNW 3.0 over the air demonstration, followed by insertion into the repository.			
Title: Test and Engineering	22.703	-	-
Description: Test and Evaluation			

Exhibit R-2A, **RDT&E Project Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 5	**R-1 Program Element (Number/Name)** PE 0605350A *I WIN-T Increment 3 - Full Networking*	**Project (Number/Name)** EE8 *I WIN-T Increment 3 - Full Networking*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2016**	**FY 2017**	**FY 2018**
FY 2016 Accomplishments: FY 2016 completes funding the Engineering and Manufacturing Development (EMD) testing by funding FQT 3, Operational Testing of NetOps Builds at the Network Integration Evaluation (NIE) 16.2 and HNW over the air Demonstration.			
Title: Management Services *Description:* Provides System Engineering and Program Management Support. *FY 2016 Accomplishments:* Completes System Engineering and Program Management Support and funds smart shutdown process.	3.300	-	-
Accomplishments/Planned Programs Subtotals	32.187	-	-

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 An evolutionary acquisition strategy is being utilized to provide for the timely insertion of new technologies into Army communication systems by adhering to the basic principles of the DoD Modular Open Systems Approach (MOSA). This allows the Army to keep pace with changing commercial technology and maintain required interoperability with other joint, strategic and commercial standards-based networks. Applying integrated Network Operations (NetOps) capability, WIN-T provides the capability to manage, prioritize, and protect information. It ensures NetOps commonality with Joint, Allied, Coalition, Current Force, and Commercial voice and data networks.

 The program is presently in its Engineering, Manufacturing, and Development (EMD) phase, as WIN-T Inc 3 technology is being tested and released over time and will be inserted into WIN-T Inc 1 and Inc 2.

 The Acquisition Decision Memorandum (ADM) dated 30 May 2014 directed the restructure of the Inc 3 program. Inc 3 completed the development of NetOps Build 4/5, NCW 10.x, and demonstration of the HNW 3.0. The program will also cease all efforts associated with development of Inc 3 unique hardware items and will have an efficient and effective shutdown. ADM anticipated for program closeout in 4QFY16.

 An updated Acquisition Program Baseline (APB) was approved by the AAE on 15 Sep 14 and shows no Nunn-McCurdy risk due to the program quantity being zero. Likewise, the Program Acquisition Unit Cost/Average Procurement Unit Cost (PAUC/APUC) are no longer applicable.

Exhibit R-2A, **RDT&E Project Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 5	**R-1 Program Element (Number/Name)** PE 0605350A *I WIN-T Increment 3 - Full Networking*	**Project (Number/Name)** EE8 *I WIN-T Increment 3 - Full Networking*

E. Performance Metrics

 N/A