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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 United States Special Operations Command **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160474BB / SOF Communications Equipment and Electronics Systems
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	117.608	1.976	-	-	-	-	-	-	-	-	-	119.584
S700: SOF Communications Equipment and Electronics Sys	117.608	1.976	-	-	-	-	-	-	-	-	-	119.584

The FY 2015 OCO Request will be submitted at a later date.

Note

Beginning in FY2014, this Program Element (PE) 1160404BB, SOF Communications Equipment and Electronics has been consolidated into SOCOM PE 1160431BB, Warrior Systems.

A. Mission Description and Budget Item Justification

This program element provides for communication systems to meet emergent requirements to support Special Operations Forces (SOF). The SOF mission mandates that SOF systems remain technologically superior to any threat to provide a maximum degree of survivability. SOF units require communications equipment that improves their warfighting capability without degrading their mobility. Therefore, SOF Communications Equipment and Electronics is a continuing effort to develop smaller, lighter, more efficient and more robust SOF Command, Control, Communications, and Computer (C4) capabilities.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	2.225	-	-	-	-
Current President's Budget	1.976	-	-	-	-
Total Adjustments	-0.249	-	-	-	-
• Congressional General Reductions	-0.178	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-0.003	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.068	-			

Change Summary Explanation

Funding:

FY2013: Decrease of \$0.249 million is due to sequestration reductions (-\$0.178 million), congressional rescissions (-\$0.003 million), and a transfer of funds to Small Business Innovative Research (-\$0.068 million).

PE 1160474BB: SOF Communications Equipment and Electronics
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)	
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	PE 1160474BB / SOF Communications Equipment and Electronics Systems	
Sequestration Impact: Required project re-scope.		
FY2014: None		
Schedule: None.		
Technical: None.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1160474BB / SOF Communications Equipment and Electronics Systems				Project (Number/Name) S700 / SOF Communications Equipment and Electronics Sys			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
S700: SOF Communications Equipment and Electronics Sys	117.608	1.976	-	-	-	-	-	-	-	-	-	119.584
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
This project provides for communication systems to meet emergent requirements to support Special Operations Forces (SOF). The SOF mission mandates that SOF systems remain technologically superior to any threat to provide a maximum degree of survivability. SOF units require communications equipment that improves their warfighting capability without degrading their mobility. Therefore, SOF Communications Advanced Development is a continuing effort to develop smaller, lighter, more efficient and more robust SOF Command, Control, Communications, and Computer (C4) capabilities.												
United States Special Operations Command (USSOCOM) has developed an overall strategy to ensure that C4 systems continue to provide SOF with the required capabilities throughout the 21st century. USSOCOM's C4 systems comprise an integrated network of systems providing positive command and control and the timely exchange of information to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration within the Global Information Grid (GIG). The GIG is a multitude of existing and projected national assets that allows SOF elements to operate with any force combination in multiple environments.												
• SOF deployable node (SDN) is a family of deployable, super high frequency, multi-band, satellite communications (SATCOM) systems providing the transport path for high-capacity, voice, data, video tele conference (VTC), and video at all levels of classification. It consists of SDN variants, technology insertions and capital equipment replacement.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: SDN									1.976	-	-	
FY 2013 Accomplishments: Continued to develop, test, and evaluate next generation light manpack systems and multi-purpose baseband, acceleration technologies, shipboard carry-on satellite systems and wide band SATCOM on-the-move for ground application.												
Accomplishments/Planned Programs Subtotals									1.976	-	-	

PE 1160474BB: *SOF Communications Equipment and Electronics*
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Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command										Date: March 2014	
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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• PROC1: <i>Communications Equipment and Electronics</i>	135.775	-	-	-	-	-	-	-	-	-	135.775
Remarks											
D. Acquisition Strategy											
SDN is a fielded program with evolutionary technology insertion into all variants: heavy, medium light, Mobile SOF strategic entry point (MSSEP), and airborne Intelligence Surveillance Reconnaissance transport variants. Commercial and government agency sources will be leveraged for required certifications, functional and operational test, and acceptance support.											
E. Performance Metrics											
N/A											

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 United States Special Operations Command										Date: March 2014			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
0400 / 7					PE 1160474BB / SOF Communications Equipment and Electronics Systems					S700 / SOF Communications Equipment and Electronics Sys			

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
SOF Deployable Node																												
Evolutionary Technology Insertions																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 United States Special Operations Command			Date: March 2014
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>SOF Deployable Node</i>				
Evolutionary Technology Insertions	2	2013	4	2013