

UNCLASSIFIED

PE NUMBER: 0401845F
 PE TITLE: SLC3S-A (Senior Leader C3S)

Exhibit R-2, RDT&E Budget Item Justification	DATE May 2009
---	-------------------------

BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0401845F SLC3S-A (Senior Leader C3S)
--	---

Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	0.000	1.906	20.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5273 SLC3S-A Standard Communications Package	0.000	1.906	20.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(U) A. Mission Description and Budget Item Justification

The Senior Leader Command, Control, and Communications System - Airborne (SLC3S-A) provides executive airborne communications supporting world-wide command and control capabilities to US government senior leaders (i.e., the President of the United States (POTUS); Vice President of the United States (VPOTUS); Secretary of Defense (SECDEF); Secretary of State (SECSTATE); Chairman, Joint Chiefs of Staff (CJCS); Unified Combatant Commanders (COCOMs); and their staff as well as other government senior leaders). The SLC3S-A capabilities include secure and non-secure voice, data, and video connectivity into Defense Information System Network/Global Information Grid, Defense Switched Network, Defense Red Switch Network, Voice Over Secure Internet Protocol Networks, National Security Council's Crisis Management System, and commercial networks up to the Top Secret/Sensitive Compartmented Information security classification level. These capabilities are used daily by the Senior Leaders to carry out their duties and responsibilities.

Currently, each Air Force Very Important Person Special Airlift Mission (VIPSAM) aircraft is configured with its own unique communications suite. National Senior Leaders require 100% secure voice and data capability for all activities from general planning and strategy discussions to directing command decisions. The security, reliability, and availability of the SLC3S-A services determine America's victories or setbacks on the battlefield. This project will standardize the back-end communications architecture and provide common capabilities and functionality.

Activities also include studies and analysis to support both current program planning and execution and future program planning.

This program is in budget activity 5, System Development and Demonstration (SDD), because it funds engineering and manufacturing development tasks aimed at meeting validated requirements.

Exhibit R-2, RDT&E Budget Item Justification

DATE

May 2009

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0401845F SLC3S-A (Senior Leader C3S)

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Previous President's Budget	0.000	1.992	20.400
(U) Current PBR/President's Budget	0.000	1.906	20.056
(U) Total Adjustments	0.000	-0.086	
(U) Congressional Program Reductions		-0.081	
Congressional Rescissions		-0.005	
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
(U) <u>Significant Program Changes:</u>			

Exhibit R-2a, RDT&E Project Justification

DATE
May 2009

BUDGET ACTIVITY 05 System Development and Demonstration (SDD)				PE NUMBER AND TITLE 0401845F SLC3S-A (Senior Leader C3S)				PROJECT NUMBER AND TITLE 5273 SLC3S-A Standard Communications Package		
Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
5273 SLC3S-A Standard Communications Package	0.000	1.906	20.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

The Senior Leader Command, Control, and Communications System - Airborne (SLC3S-A) provides executive airborne communications supporting world-wide command and control capabilities to US government senior leaders (i.e., the President of the United States (POTUS); Vice President of the United States (VPOTUS); Secretary of Defense (SECDEF); Secretary of State (SECSTATE); Chairman, Joint Chiefs of Staff (CJCS); Unified Combatant Commanders (COCOMs); and their staff as well as other government senior leaders). The SLC3S-A capabilities include secure and non-secure voice, data, and video connectivity into Defense Information System Network/Global Information Grid, Defense Switched Network, Defense Red Switch Network, Voice Over Secure Internet Protocol Networks, National Security Council's Crisis Management System, and commercial networks up to the Top Secret/Sensitive Compartmented Information security classification level. These capabilities are used daily by the Senior Leaders to carry out their duties and responsibilities.

Currently, each Air Force Very Important Person Special Airlift Mission (VIPSAM) aircraft is configured with its own unique communications suite. National Senior Leaders require 100% secure voice and data capability for all activities from general planning and strategy discussions to directing command decisions. The security, reliability, and availability of the SLC3S-A services determine America's victories or setbacks on the battlefield. This project will standardize the back-end communications architecture and provide common capabilities and functionality.

Activities also include studies and analysis to support both current program planning and execution and future program planning.

This program is in budget activity 5, System Development and Demonstration (SDD), because it funds engineering and manufacturing development tasks aimed at meeting validated requirements.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Develop SLC3S-A Communication Package requirements		0.500	
(U) System Engineering, Software Development, Certifications - Proof of Concept		0.300	
(U) SCP Kit Development/Test/Certification - Aircraft Variant 1			13.400
(U) SCP Kit Dev/Test/Cert - Aircraft Variant 2			0.500
(U) Develop SLC3S-A Communication Package associated data items and training			2.500
(U) SPO Support (MITRE, A&AS) and Travel		1.106	3.656
(U) Total Cost	0.000	1.906	20.056

Exhibit R-2a, RDT&E Project Justification

DATE

May 2009

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0401845F SLC3S-A (Senior Leader C3S)

PROJECT NUMBER AND TITLE

5273 SLC3S-A Standard Communications Package

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

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) PE 0401845F, Senior Leader Communications										
(U) Other APPN										
(U) AFAF - BP 11 (PE 41845F) Weapon System Code C0200	0.000	0.987	0.200							
(U) AFAF - BP 11 (PE 41845F) Weapon System Code C0320	39.625	5.683	9.108							
(U) AFAF - BP 11 (PE 41845F) Weapon System Code C03700	10.137	0.977	4.000							
(U) AFAF - BP 11 (PE 41845F) Weapon System Code C0400	0.000	5.683	9.107							

(U) **D. Acquisition Strategy**

Award single contract vehicle, TBD. Emphasize off-the-shelf technology and maximize use of non-developmental items (NDIs).

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis

DATE

May 2009

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT NUMBER AND TITLE
05 System Development and Demonstration (SDD)	0401845F SLC3S-A (Senior Leader C3S)	5273 SLC3S-A Standard Communications Package

<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2008 Cost</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>FY 2010 Cost</u>	<u>FY 2010 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
<u>(U) Product Development</u>												
System Engineering, Software Development, Certifications	TBD	TBD						10.900	Jan-10		10.900	
Develop SCP associated with data items and training	TBD	TBD	6.865					2.500	Dec-09		9.365	
Subtotal Product Development			6.865	0.000		0.000		13.400		0.000	20.265	0.000
Remarks:												
<u>(U) Support</u>											0.000	0.000
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
<u>(U) Test & Evaluation</u>												
Government test and eval	Air Force Project Order	IATAC (DISA)						3.000	Dec-09		3.000	
Subtotal Test & Evaluation			0.000	0.000		0.000		3.000		0.000	3.000	0.000
Remarks:												
<u>(U) Management</u>												
SLC3S-A Program Office Contractor Support	Small Business T&M	PE Systems, Bedford, MA.; Jacobs, Bedford, MA.; MITRE, Burlington, MA	2.785			1.906	Dec-08	3.656	Oct-09		8.347	
Subtotal Management			2.785	0.000		1.906		3.656		0.000	8.347	0.000
Remarks:												
<u>(U) Total Cost</u>			9.650	0.000		1.906		20.056		0.000	31.612	0.000

Exhibit R-4, RDT&E Schedule Profile

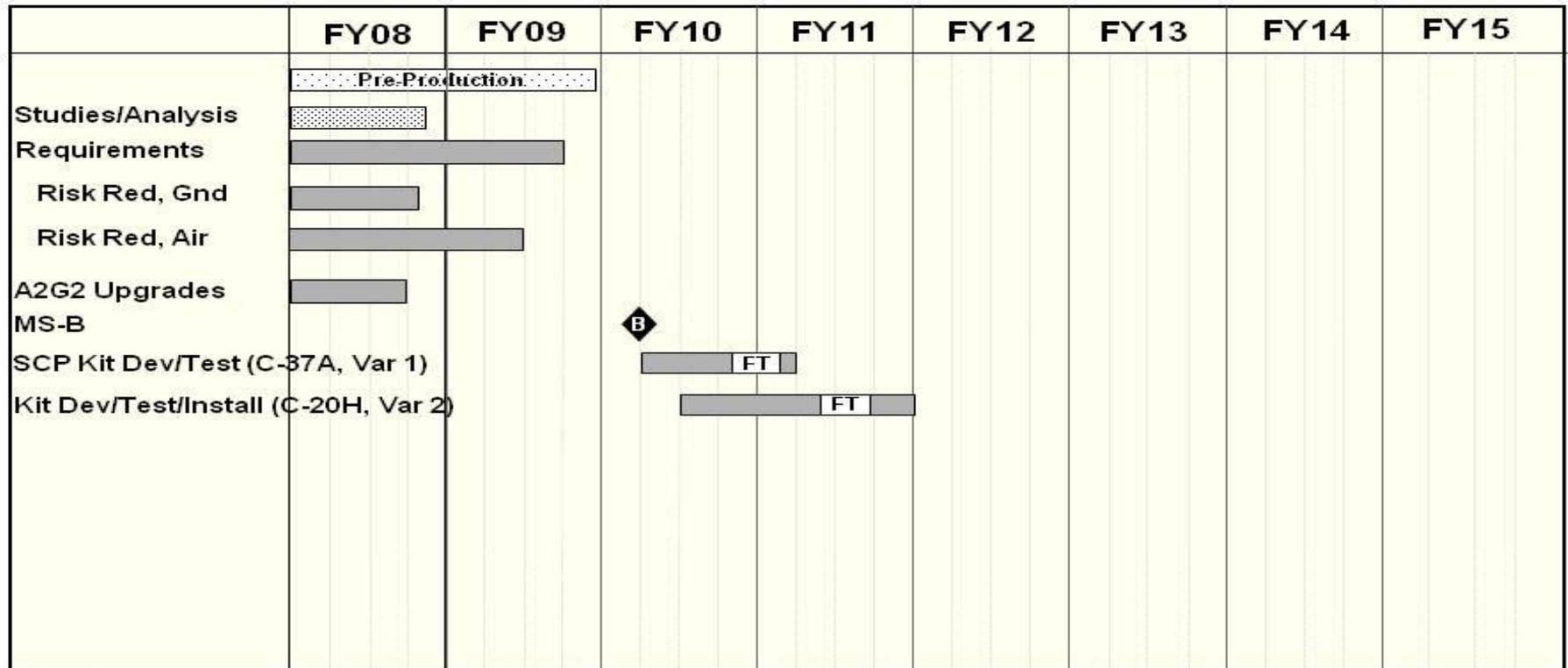
DATE

May 2009

BUDGET ACTIVITY
05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE
0401845F SLC3S-A (Senior Leader C3S)

PROJECT NUMBER AND TITLE
5273 SLC3S-A Standard Communications Package



Concept activities
 Production / fielding

Design / development
 Pre-Production

Integration / test
 Key events

Exhibit R-4a, RDT&E Schedule Detail

DATE

May 2009

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0401845F SLC3S-A (Senior Leader C3S)

PROJECT NUMBER AND TITLE

5273 SLC3S-A Standard Communications Package

(U) Schedule Profile

(U) Risk Reduction Effort, Ground - Complete

(U) Risk Reduction Effort, Air - Complete

(U) MS-B

(U) Begin SCP Kit Development/Test/Cert, Aircraft Variant 1

FY 2008

4Q

FY 2009

2Q

FY 2010

1Q

2Q

THIS PAGE INTENTIONALLY LEFT BLANK