Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*				R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*							
COST ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**Cost To Complete**	**Total Cost**
Total Program Element	74.857	12.692	12.027	-	12.027	13.948	16.918	17.371	18.327	Continuing	Continuing
644811: *Wideband Gapfiller*	56.683	-	-	-	-	-	-	-	-	Continuing	Continuing
644870: *Command & Control System Consolidated (CCSC)*	18.174	12.692	12.027	-	12.027	13.948	16.918	17.371	18.327	Continuing	Continuing

Note

The Cost to Complete and Total Cost for MDAP projects in this program element are documented in the R3. The Cost to Complete and Total Cost on the R2 are entered as "Continuing" and not reflective of the total cost for MDAP projects since the R2 does not account for prior years funding.

A. Mission Description and Budget Item Justification

The Wideband Global SATCOM (WGS) System, previously known as Wideband Gapfiller Satellites, provides DoD users with high data rate military satellite communication (MILSATCOM) services in accordance with the Joint Space Management Board-approved MILSATCOM architecture (Aug 96), the Joint Requirements Oversight Council (JROC)-approved MILSATCOM Capstone Requirements Document (Oct 97), and the JROC-approved WGS Operational Requirements Document (May 00). Dual-frequency WGS satellites augment, then replace the DoD's Defense Satellite Communications Systems (DSCS) X-band service and augment one-way Global Broadcast Service Ka-band capabilities. In addition, WGS provides a new high capacity two-way Ka-band service.

WGS Block I consists of satellites 1-3. These satellites were successfuly launched on 10 Oct 07, 3 Apr 09, and 5 Dec 09, respectively.

WGS Block II consists of satellites 4-6. Block II satellites will incorporate minor modifications to better support the Airborne Intelligence, Surveillance and Reconnaissance mission. Launch for satellite 4 is scheduled for 19 Jan 12. Launch for satellite 5 is planned for Jan 13.

A United States-Australia WGS partnership was codified 14 Nov 07. Australia provides funds needed to buy WGS-6 in exchange for access to constellation-wide resources. Launch for satellite 6 is scheduled for May 13.

WGS Block II Follow-on currently consists of satellites 7-9 with projected launches in FY16, FY17 and FY18, respectively.

A multilateral partnership between the United States, Canada, Denmark, Luxembourg, the Netherlands, and New Zealand was codified 12 Jan 12. The United States contributions include existing and programmed infrastructure, to include the acquisition, launch, operations, and sustainment costs of WGS 1-8, and the launch, operations, and sustainment of WGS-9. Other Partners' contributions will fund WGS-9 acquisition and support activities. Each Partner benefits from a unique allocation profile of SATCOM resources commensurate with its level of contribution.

The MILSATCOM Command and Control System-Consolidated (CCS-C) system provides integrated launch and on-orbit command and control (C2) functionality for MILSATCOM satellites. CCS-C uses modified commercial off the shelf hardware/software to control all emerging and legacy MILSATCOM systems to include

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force	DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603854F: *Wideband MILSATCOM (Space)*

Milstar, DSCS, WGS and AEHF satellites. The CCS-C project 644870 funds database development for WGS Block I and II satellites, and AEHF satellites 1 through 3. The WGS and AEHF procurement program elements will fund the mission unique databases for the WGS Block II Follow-On satellties and the AEHF 4-6 satellites, respectively. CCS-C will also evolve the system architecture to provide increased performance for additional satellites; to comply with DoD, Air Force, and AFSPC-directed standards for Information Assurance, Satellite Control, and Net-Readiness; and to support space situational awareness and new C2 training systems.

Funding is in Budget Activity 4, Advanced Component Development and Prototypes, as it supports component development and prototyping for Wideband MILSATCOM.

B. Program Change Summary ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	36.123	12.804	12.494	-	12.494
Current President's Budget	74.857	12.692	12.027	-	12.027
Total Adjustments	38.734	-0.112	-0.467	-	-0.467
• Congressional General Reductions	-	-0.112			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-3.548	-			
• Other Adjustments	42.282	-	-0.467	-	-0.467

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2011	FY 2012
Project: 644811: *Wideband Gapfiller*		
Congressional Add: *Capabilities Insertion Program (CIP)*	37.452	-
Congressional Add Subtotals for Project: 644811	37.452	-
Congressional Add Totals for all Projects	37.452	-

Change Summary Explanation

FY11: -$3.548M SBIR; Other Adjustment row: -$0.718M Congressional General Reduction, $43.000M Congressional Add for Capabilities Insertion Program
FY12: -$0.112 Congressional General Reduction
FY13: -$0.467 for reallocation of funding to higher Department priorities

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644811: *Wideband Gapfiller*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
644811: *Wideband Gapfiller*	56.683	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Wideband Global SATCOM (WGS) System, previously known as Wideband Gapfiller Satellites, will provide the DoD with high data rate military satellite communication (MILSATCOM) services in accordance with the Joint Space Management Board-approved MILSATCOM architecture (Aug 96), the Joint Requirements Oversight Council (JROC)-approved MILSATCOM Capstone Requirements Document (Oct 97), and the JROC-approved WGS Operational Requirements Document (May 00). These dual-frequency WGS satellites will augment the DoD's Defense Satellite Communications Systems X-band service and one-way Global Broadcast Service Ka-band capabilities. In addition, WGS will provide a new high capacity two-way Ka-band service.

No funds are requested for FY13.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013
Title: Block II Follow-on Non-Recurring Engineering (NRE) ***Description:*** Block II Follow-on Non-Recurring Engineering (NRE) ***FY 2011 Accomplishments:*** Continued Block II Follow-on NRE. ***FY 2012 Plans:*** Not applicable ***FY 2013 Plans:*** Not applicable.	19.231	-	-
Accomplishments/Planned Programs Subtotals	19.231	-	-

	FY 2011	FY 2012
Congressional Add: Capabilities Insertion Program (CIP) ***FY 2011 Accomplishments:*** Began activities for an enhanced channelizer to provide increased capacity in Ka and X-band. ***FY 2012 Plans:*** Not applicable	37.452	-
Congressional Adds Subtotals	37.452	-

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644811: *Wideband Gapfiller*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• P-17: *MPAF, PE 0303600F, WGS*	558.752	792.857	36.835	0.000	36.835	60.998	88.200	86.396	85.800	38.000	3,375.899
• P-46: *OPAF, PE 0303600F, GBS Transmit Strings*	1.652	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.097
• R-39: *RDT&E, PE 0603854F, Project # 644870, CCS-C*	18.174	12.692	12.027	0.000	12.027	13.948	16.918	17.371	18.327	Continuing	Continuing

D. Acquisition Strategy

The WGS program made considerable use of commercial practices and technology in its FAR Part 12, Firm Fixed Price (FFP) acquisition for satellites 1-3. The WGS program received MS II/III approval in November 2000 and awarded a FFP contract in January 2001 (three satellites and options for an additional three). Options for satellites 4-6 were not exercised prior to the 31 December 2003 expiration date.

Since WGS-type capabilities were no longer being offered commercially, it was no longer appropriate to use a Firm Fixed Price contract for satellites 4-6. A Fixed Price Incentive Fee contract, which balances uncertainty of parts obsolescence/production gap with experience gained from WGS 1-3 production, was approved. The Not-to-Exceed letter contract was awarded for satellites 4 and 5 (with unfunded priced option for 6th satellite) in 2nd Qtr FY06. The contract definitized on 17 October 2006. The Block II Follow-on contract (satellites 7-9) was awarded on 30 Aug 2011. All satellites are purchased with procurement funds, and the Non-Recurring Engineering (NRE) is funded with RDT and E. An updated Acquisition Strategy for the WGS Block II Follow-on satellites was approved by the MDA on 25 Jan 2010.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644811: *Wideband Gapfiller*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Block II Parts Obsolescence Redesign	SS/FPIF	Boeing:El Segundo, CA	91.737	-		-		-		-	0.000	91.737	91.737
Block I EMD (satellites 1-3)	C/FFP	Boeing:El Segundo, CA	143.013	-		-		-		-	0.000	143.013	143.013
UAV Bypass NRE	SS/FFP	Boeing:El Segundo, CA	14.000	-		-		-		-	0.000	14.000	14.000
Payload/Production Studies	Various	Various:Various,	38.437	-		-		-		-	0.000	38.437	38.437
Block II Follow-on NRE	SS/FPIF	Boeing:El Segundo, CA	57.067	-		-		-		-	0.000	57.067	57.067
Capabilities Insertion Program (CIP)	SS/FPIF	Boeing:El Segundo, CA	37.452	-		-		-		-	0.000	37.452	0.000
		Subtotal	381.706	-		-		-		-	0.000	381.706	344.254

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Terminals Engineering Office	PO	JTEO:McLean, VA	6.618	-		-		-		-	0.000	6.618	6.618
Pre-EMD	Various	Various:Various,	5.579	-		-		-		-	0.000	5.579	0.000
Program Support (PMA)	Various	Various:Various,	17.442	-		-		-		-	0.000	17.442	17.442
		Subtotal	29.639	-		-		-		-	0.000	29.639	24.060

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644811: *Wideband Gapfiller*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000

	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	411.345	-		-		-		-	0.000	411.345	368.314

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603854F: *Wideband MILSATCOM (Space)*	**PROJECT** 644811: *Wideband Gapfiller*

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603854F: *Wideband MILSATCOM (Space)*	**PROJECT** 644811: *Wideband Gapfiller*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Initiate Block II Follow-on non-recurring engineering	1	2011	2	2013
Enhanced Channelizer activities	1	2012	1	2013
Complete Block II Follow-on non-recurring engineering	2	2013	2	2013

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644870: *Command & Control System Consolidated (CCSC)*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
644870: *Command & Control System Consolidated (CCSC)*	18.174	12.692	12.027	-	12.027	13.948	16.918	17.371	18.327	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Military Satellite Communications (MILSATCOM) Command and Control System-Consolidated (CCS-C) system provides integrated launch and on-orbit command and control (C2) functionality, and backup operations at Schriever AFB and Vandenberg AFB, for MILSATCOM satellites as the legacy capability provided by the Air Force Satellite Control Network (PE 0305110F) has phased out according to plan. CCS-C uses modified commercial off the shelf hardware/software to control all emerging and legacy MILSATCOM systems including Milstar, Defense Satellite Communications System (DSCS), WGS and AEHF satellites. The CCS-C project 644870 funds database development for WGS Block I and II satellites, and AEHF satellites 1 through 3. The WGS and AEHF procurement program elements will fund the mission unique databases for the WGS Block II Follow-On satellties and the AEHF 4-6 satellites, respectively. CCS-C will also evolve the system architecture to provide increased performance for additional satellites; to comply with DoD, Air Force, and AFSPC-directed standards for Information Assurance, Satellite Control, and Net-Readiness; and to support space situational awareness and new C2 training systems.

FY13 funds provide required command and control capability to launch WGS and AEHF satellites.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013
Title: CCS-C development	18.174	12.692	12.027
Description: Develop and acquire satellite-specific software to support handover of on-orbit operations of WGS satellites and launch, early-orbit, and on-orbit operations of AEHF satellites.			
FY 2011 Accomplishments: Funded modifications of the WGS Block I satellite databases and software, continued development to support WGS Block II satellites, continued development of software for replacement of the WGS Flight Dynamics System with modified CCS-C orbit analysis software. Continued development for the FY12 launch of AEHF Space Vehicle 2 (SV-2), and continued development of the Standard Space Trainer for Milstar.			
FY 2012 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644870: *Command & Control System Consolidated (CCSC)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013
Fund development to support WGS Block II satellites. Complete development of software for replacement of WGS Flight Dynamics System with modified CCS-C orbit analysis software. Conduct launch and early orbit operations for AEHF SV-2. Complete development for the FY13 launch of AEHF SV-3. ***FY 2013 Plans:*** Complete development to support launch of WGS SV-5. Conduct launch and early orbit operations for AEHF SV-3.			
Accomplishments/Planned Programs Subtotals	18.174	12.692	12.027

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• P-46: *OPAF, PE 0303605F, SATCOM O&M*	0.249	0.252	0.259	0.000	0.259	0.261	0.267	0.272	0.277	Continuing	Continuing
• P-14: *MPAF, PE 0303640F, Advanced EHF*	0.000	0.000	0.800	0.000	0.800	8.600	9.400	14.700	14.900	Continuing	Continuing

D. Acquisition Strategy

Competitive contracts with cost plus award fee options were awarded in February 2001 to two teams to demonstrate capabilities for the concept demonstration phase. A downselect to a single team was awarded in March 2002 to develop the system for the development phase. The current contract has been extended to 2012 to provide launch readiness support to ongoing WGS and AEHF satellite development. A new contract is expected to be awarded in 2012.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644870: *Command & Control System Consolidated (CCSC)*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Demonstration Contractors	C/FFP	Various:Various	6.800	-		-		-		-	0.000	6.800	0.000
Development Contractor: Integral Systems, Inc.	C/CPAF	Integral Systems, Inc:Lanham, MD	174.371	9.176	Oct 2011	5.729	Oct 2012	-		5.729	Continuing	Continuing	0.000
Production & Sustainment contract	C/FFP	TBD:TBD,	-	-		4.760	Nov 2012	-		4.760	Continuing	Continuing	0.000
		Subtotal	181.171	9.176		10.489		-		10.489			0.000

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CCS-C Program Support Cost (PMA)	Various	Various:,	29.860	3.516	Oct 2011	-		-		-	0.000	33.376	0.000
CCS-C Systems Engineering & Integration	Various	SERCO:Arlington, VA	-	-		0.260	Oct 2012	-		0.260	Continuing	Continuing	0.000
		Subtotal	29.860	3.516		0.260		-		0.260			0.000

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CCS-C Program Support Cost (PMA)	Various	Various:Various,	-	-		1.278	Oct 2012	-		1.278	Continuing	Continuing	0.000
		Subtotal	-	-		1.278		-		1.278			0.000

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603854F: *Wideband MILSATCOM (Space)*	PROJECT 644870: *Command & Control System Consolidated (CCSC)*	

	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	211.031	12.692		12.027		-		12.027			0.000

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603854F: *Wideband MILSATCOM (Space)*	**PROJECT** 644870: *Command & Control System Consolidated (CCSC)*

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603854F: *Wideband MILSATCOM (Space)*	**PROJECT** 644870: *Command & Control System Consolidated (CCSC)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
AEHF 2 launch	3	2012	3	2012
CCS-C Block II RFP	1	2012	1	2012
CCS-C Block II Contract Award	3	2012	3	2012
AEHF 3 launch	4	2013	4	2013
WGS 5 launch	2	2013	2	2013
WGS 6 launch	3	2013	3	2013