

**UNCLASSIFIED**

PE NUMBER: 0305917F  
 PE TITLE: Space Architect

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	DATE <b>February 2007</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0305917F Space Architect</b>
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Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	12.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.090
4746 Space Architect	12.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.090

In FY 2007 these efforts transferred to PE 0305924F, National Security Space Office, to reflect the name of the office created by the merger of the National Security Space Architect with other organizations.

**(U) A. Mission Description and Budget Item Justification**

In May 2004 the National Security Space Architect (NSSA) merged with the National Security Space Integration directorate and the Transformational Communications Office to become the National Security Space Office (NSSO) with expanded roles and responsibilities. NSSO is a joint Department of Defense (DoD) / intelligence community organization that provides strategic focus and unity of effort across the National Security Space (NSS) enterprise spanning the military, intelligence, civil, and commercial space sectors. NSSO conducts long-range space strategic planning; develops mid- to long-term space architectures; examines trades between space and non-space solutions to user requirements; assesses defense and intelligence space programs for conformity with policies, planning guidance, and architectural decisions; provides technical enterprise engineering; and conducts analyses of space subjects to guide the activities of NSS organizations. The office reports to both the Under Secretary of the Air Force / DoD Executive Agent for Space and the Director of the National Reconnaissance Office. Through them it also advises the leaders of the military services, intelligence community, U.S. Strategic Command, Office of the Secretary of Defense, and Office of the Director of National Intelligence on space matters. NSSO efforts enable the NSS community to leverage space assets more effectively in support of U.S. national objectives in concert with land, sea, air, and cyberspace capabilities.

This program is in Budget Activity 7, Operational System Development, because its architectures and other activities guide the acquisition, deployment, and integration of operational systems.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	12.676	0.000	0.000	0.000
(U) Current PBR/President's Budget	12.331	0.000	0.000	0.000
(U) Total Adjustments	-0.345			
(U) Congressional Program Reductions				
Congressional Rescissions				
Congressional Increases				
Reprogrammings	-0.025			
SBIR/STTR Transfer	-0.320			

(U) Significant Program Changes:  
 None

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**Exhibit R-2a, RDT&E Project Justification**

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**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>				<b>PE NUMBER AND TITLE</b> <b>0305917F Space Architect</b>				<b>PROJECT NUMBER AND TITLE</b> <b>4746 Space Architect</b>		
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
4746 Space Architect	12.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.090
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

In FY 2007 this project was transferred to Project 67A016, National Security Space Office, in PE 0305924F, National Security Space Office, to reflect the name of the office created by the merger of the National Security Space Architect with other organizations. The full FY 2006 - FY 2013 schedule for these efforts is included here for clarity, but refer to the RDT&E Budget Item Justification for that PE for further information on activities after FY 2006.

**(U) A. Mission Description and Budget Item Justification**

In May 2004 the National Security Space Architect (NSSA) merged with the National Security Space Integration directorate and the Transformational Communications Office to become the National Security Space Office (NSSO) with expanded roles and responsibilities. NSSO is a joint Department of Defense (DoD) / intelligence community organization that provides strategic focus and unity of effort across the National Security Space (NSS) enterprise spanning the military, intelligence, civil, and commercial space sectors. NSSO conducts long-range space strategic planning; develops mid- to long-term space architectures; examines trades between space and non-space solutions to user requirements; assesses defense and intelligence space programs for conformity with policies, planning guidance, and architectural decisions; provides technical enterprise engineering; and conducts analyses of space subjects to guide the activities of NSS organizations. The office reports to both the Under Secretary of the Air Force / DoD Executive Agent for Space and the Director of the National Reconnaissance Office. Through them it also advises the leaders of the military services, intelligence community, U.S. Strategic Command, Office of the Secretary of Defense, and Office of the Director of National Intelligence on space matters. NSSO efforts enable the NSS community to leverage space assets more effectively in support of U.S. national objectives in concert with land, sea, air, and cyberspace capabilities.

This program is in Budget Activity 7, Operational System Development, because its architectures and other activities guide the acquisition, deployment, and integration of operational systems.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) NSS Strategy and Capstone Operating Framework development	1.674	0.000	0.000	0.000
(U) NSS Plan development	1.804	0.000	0.000	0.000
(U) NSS Program Assessments	1.931	0.000	0.000	0.000
(U) Space architecture and study development and support	4.162	0.000	0.000	0.000
(U) Architecture transition planning and implementation support	0.644	0.000	0.000	0.000
(U) Enterprise engineering	2.116	0.000	0.000	0.000
(U) Total Cost	12.331	0.000	0.000	0.000

Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY <b>07 Operational System Development</b>	PE NUMBER AND TITLE <b>0305917F Space Architect</b>	PROJECT NUMBER AND TITLE <b>4746 Space Architect</b>
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(U) **C. Other Program Funding Summary (\$ in Millions)**

	<u>FY 2006</u>	<u>FY 2007</u>	<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>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) RDT&E, Air Force (PE 0305924F, National Security Space Office)	0.000	13.365	10.821	10.956	11.226	11.400	11.619	11.856	Continuing	TBD

(U) **D. Acquisition Strategy**

NSSO conducted a full and open competition to award the contract for the technical assistance and management support it uses to execute its space architecture, strategy, development, and planning activities. It will also continue to utilize existing contract vehicles maintained by other DoD organizations for supplemental assistance and support, as required.

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**Exhibit R-3, RDT&E Project Cost Analysis**

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BUDGET ACTIVITY				PE NUMBER AND TITLE						PROJECT NUMBER AND TITLE				
<b>07 Operational System Development</b>				<b>0305917F Space Architect</b>						<b>4746 Space Architect</b>				
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; Location</u>	<u>Total Prior to FY 2006 Cost</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>														
NSSO architecture/other product development	Various	Various	64.759	12.331	Oct-05	0.000		0.000		0.000		0.000	77.090	
Subtotal Product Development			64.759	12.331		0.000		0.000		0.000		0.000	77.090	0.000
Remarks:														
(U) <u>Support</u>														
Not applicable													0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) <u>Test &amp; Evaluation</u>														
Not applicable													0.000	
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) <u>Management</u>														
Not applicable													0.000	
Subtotal Management			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) Total Cost			64.759	12.331		0.000		0.000		0.000		0.000	77.090	0.000

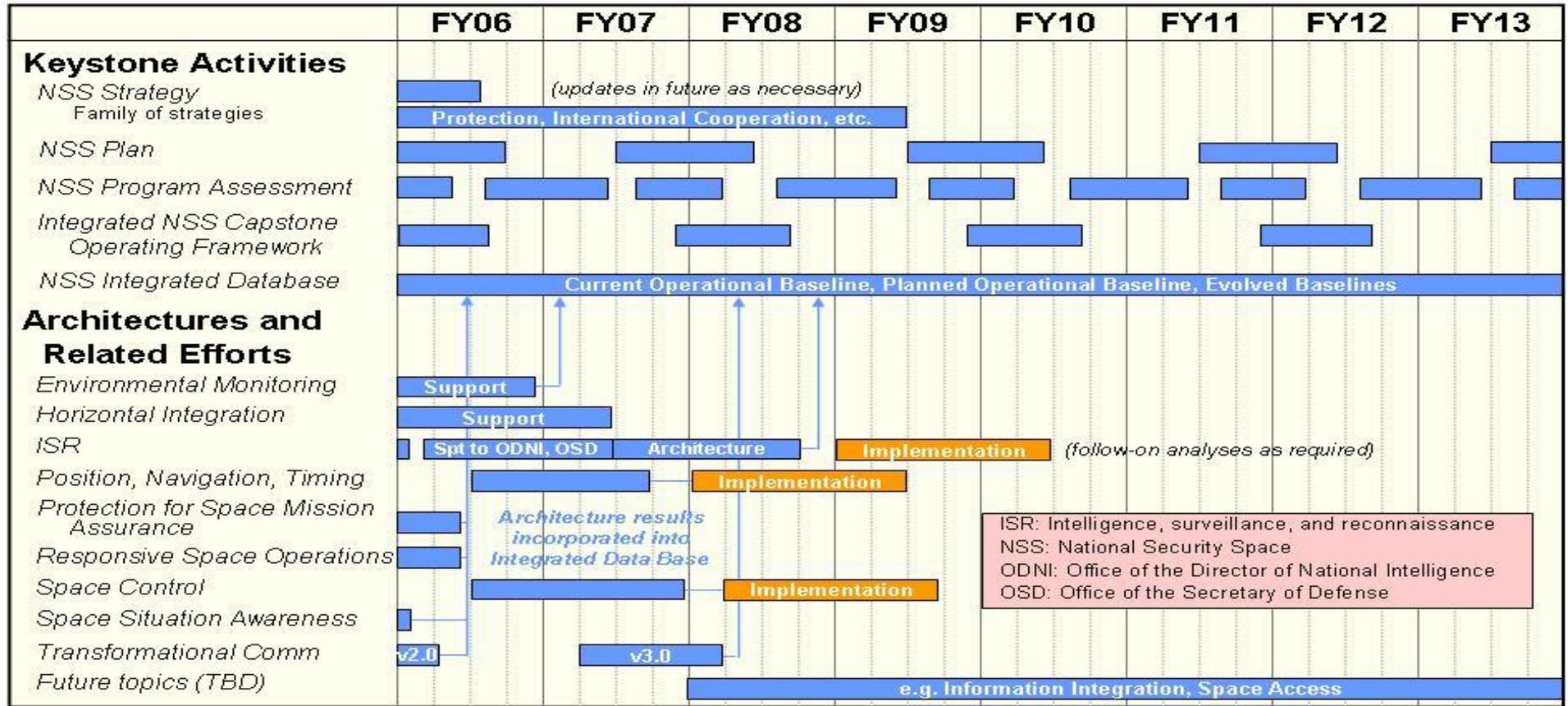
Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0305917F Space Architect

PROJECT NUMBER AND TITLE  
4746 Space Architect



ISR: Intelligence, surveillance, and reconnaissance  
 NSS: National Security Space  
 ODNI: Office of the Director of National Intelligence  
 OSD: Office of the Secretary of Defense

- Concept activities
- Design / development
- Production / fielding
- Operations / sustainment
- Integration / test
- Key events

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2007

BUDGET ACTIVITY

07 Operational System Development

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0305917F Space Architect

PROJECT NUMBER AND TITLE

4746 Space Architect

(U) **Schedule Profile**

- (U) Complete NSS Strategy
- (U) Complete biannual NSS Plan update
- (U) Complete annual NSS Program Assessment
- (U) Complete recurring Integrated NSS Capstone Operating Framework
- (U) Continue space architecture efforts

FY 2006

FY 2007

FY 2008

FY 2009

3Q  
3Q  
2Q  
3Q  
1-4Q