

UNCLASSIFIED

PE NUMBER: 0604421F
 PE TITLE: Counterspace Systems

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2006
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604421F Counterspace Systems
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Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	25.351	29.074	47.292	49.104	106.061	109.470	100.842	Continuing	TBD
A001 Counter Satellite Communications System	5.971	6.225	16.010	17.848	29.880	31.620	21.692	Continuing	TBD
A002 Counter Surveillance Reconnaissance System	0.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	49.694
A003 Rapid Identification Detection and Reporting System (RAIDRS)	15.789	17.949	24.146	23.989	68.701	70.221	71.368	Continuing	TBD
A005 Offensive Counterspace (OCS) C2	3.382	4.900	7.136	7.267	7.480	7.629	7.782	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

This program supports the conduct of critical planning, technology insertion, and system acquisition in support of Air Force space control systems and associated command and control development to meet current and future military space control needs. Development and acquisition of counterspace systems will be conducted, capitalizing on the technology development and risk reduction efforts of PE 0603438F, Space Control Technology. This funding supports all phases of the acquisition process: concept development, risk reduction, design, demonstration, and production. Space control systems include both offensive counterspace (OCS) and defensive counterspace (DCS) systems. OCS systems include the means to disrupt, deny, degrade, or destroy an adversary's space systems, or the information they provide, which may be used for purposes hostile to U.S. national security interests. DCS systems include both active and passive measures to protect U.S. and friendly space related capabilities (satellites, communications links, and supporting ground systems) from enemy attack or interference. This includes development efforts to prevent adversarial ability to use U.S. space systems and services for purposes hostile to U.S. national security interests.

This program is in Budget Activity 5, System Development and Demonstration, because it supports the demonstration, engineering and manufacturing development of counterspace and space control systems.

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	26.053	24.651	30.503
(U) Current PBR/President's Budget	25.351	29.074	47.292
(U) Total Adjustments	-0.702	4.423	
(U) Congressional Program Reductions		-0.477	
Congressional Rescissions	-0.020		
Congressional Increases		4.900	
Reprogrammings			
SBIR/STTR Transfer	-0.682		
(U) <u>Significant Program Changes:</u>			
FY 2006: \$4.900, Congressional add for Space Control Test Capability			
FY 2007: \$7.136 increase for new start of OCS C2 capability. Increase of \$9.370 for Counter Communications System Block 10 Upgrades.			

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Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)				PE NUMBER AND TITLE 0604421F Counterspace Systems			PROJECT NUMBER AND TITLE A001 Counter Satellite Communications System		
Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
A001 Counter Satellite Communications System	5.971	6.225	16.010	17.848	29.880	31.620	21.692	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

This effort supports concept exploration and follow-on system development of mobile/transportable counter satellite communications capabilities and associated command and control, derived from technologies examined in PE 0603438F, Space Control Technology, in the area of Offensive Counter Space. It includes architecture engineering, system hardware design and development, software design and integration, testing and procurement of capabilities to provide disruption of satellite communications signals in response to USSTRATCOM requirements.

Budget Activity Justification:

This program is in Budget Activity 5, System Development and Demonstration, because it supports the demonstration, engineering and manufacturing development of counterspace and space control systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue Block 10 Capability Upgrades	4.750	2.325	8.810
(U) Study/refine, develop, integrate, test and field the next Block (Block 20) advanced counter communications capability		1.700	3.100
(U) Program Office and other Technical Support	1.221	2.200	4.100
(U) Total Cost	5.971	6.225	16.010

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

	<u>FY 2005</u>	<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>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) OPAF (PE 0604421F) Counterspace Systems			17.036	16.421	0.963	0.000	10.151	Continuing	TBD

(U) D. Acquisition Strategy

All contracts funded in this program element will be awarded using competitive procedures to the maximum extent possible, to upgrade existing capabilities as well as to acquire next generation capabilities through incremental acquisitions.

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Exhibit R-3, RDT&E Project Cost Analysis

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05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

PROJECT NUMBER AND TITLE

A001 Counter Satellite Communications System

(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 2005 Cost</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>												
Initial System Development & Future Capability Studies	MAPIC CPAF	Northrup Grumman, Redondo Beach, CA	20.918								20.918	
Capability Upgrades	CPAF	Harris Corp, Melbourne, FL		4.750	Nov-04	2.325	Feb-06	8.810	Nov-06	Continuing	TBD	TBD
Block 20 Capability Development & Future Capability Studies	TBD	TBD				1.700	Feb-06	3.100	Nov-06	Continuing	TBD	TBD
Subtotal Product Development			20.918	4.750		4.025		11.910		Continuing	TBD	TBD
Remarks:												
(U) <u>Support</u>												
System Program Office Support & Architecture Engineering	Various	SMC, El Segundo, CA	2.740	1.221	Oct-04	2.200	Oct-05	4.100	Oct-06	Continuing	TBD	TBD
Subtotal Support			2.740	1.221		2.200		4.100		Continuing	TBD	TBD
Remarks:												
(U) <u>Test & Evaluation</u>												
DT/OT	MIPR	AFOTEC, Albuquerque, NM	0.100								0.100	
Subtotal Test & Evaluation			0.100	0.000		0.000		0.000		0.000	0.100	0.000
Remarks:												
(U) <u>Management</u>												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	TBD
Remarks:												TBD
(U) Total Cost			23.758	5.971		6.225		16.010		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

PROJECT NUMBER AND TITLE

A001 Counter Satellite Communications System

CCS Schedule

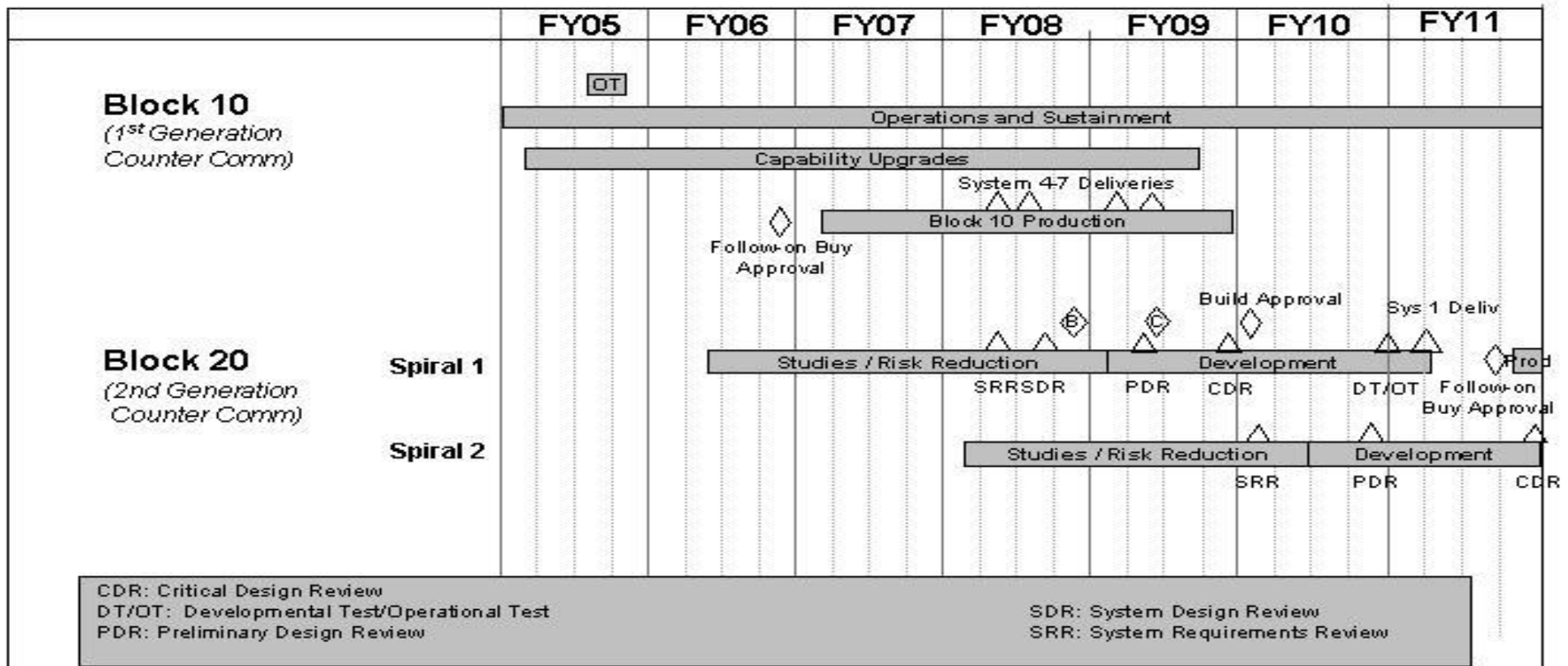


Exhibit R-4a, RDT&E Schedule Detail	DATE February 2006
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604421F Counterspace Systems	PROJECT NUMBER AND TITLE A001 Counter Satellite Communications System
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	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) <u>Schedule Profile</u>			
(U) Capability Upgrades	1-4Q	1-4Q	1-4Q
(U) Block 20 Studies		2-4Q	1-4Q
(U) Block 10 Follow-on Buy Approval		4Q	
(U) Block 10 Production			1-4Q

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)				PE NUMBER AND TITLE 0604421F Counterspace Systems			PROJECT NUMBER AND TITLE A002 Counter Surveillance Reconnaissance System		
Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
A002 Counter Surveillance Reconnaissance System	0.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	49.694
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

FY 2005: Congress did not authorize or appropriate funds to continue CSRS development

(U) A. Mission Description and Budget Item Justification

This effort supported concept exploration and follow-on system development of a mobile/transportable counter space based surveillance reconnaissance capability and associated command and control derived from technologies examined in PE 0603438F, Space Control Technology. It included system hardware design and development, software design and integration, and testing and procurement to provide a capability to counter space based imagery systems in response to USSTRATCOM requirements.

CSRS funding/program ended after FY 2004 activity. Congress did not fund the FY 2005 program request for CSRS; however, due to rounding, \$209K remained in this project number. These funds were subsequently reallocated to higher priority Air Force needs.

This program is in Budget Activity 5, System Development and Demonstration, because it supports the demonstration, engineering and manufacturing development of counterspace and space control systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Funds reallocated to higher priority Air Force needs	0.209		
(U) Total Cost	0.209	0.000	0.000

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

	<u>FY 2005</u>	<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>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) None									

(U) D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis

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05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

PROJECT NUMBER AND TITLE

**A002 Counter Surveillance
Reconnaissance System**

(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 2005 Cost</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u> System Development	MAPIC, CPAF	Northrup Grumman, Redondo Beach, CA	45.673								45.673	
Technology and Risk Reduction	Various	AFRL, Albuquerque, NM	18.780								18.780	
Funds Reallocated to Higher Air Force Priorities				0.209	Mar-05						0.209	
Subtotal Product Development			64.453	0.209		0.000		0.000		0.000	64.662	0.000
Remarks:												
(U) <u>Support</u> Program Office Support for CSRS	Various	SMC, El Segundo, CA	2.115								2.115	
Program Office Support for CSRS	Various	AFRL, Albuquerque, NM	1.566								1.566	
Subtotal Support			3.681	0.000		0.000		0.000		0.000	3.681	0.000
Remarks:												
(U) <u>Test & Evaluation</u> DT	MIPR	AFRL, Albuquerque, NM	1.800								1.800	
Subtotal Test & Evaluation			1.800	0.000		0.000		0.000		0.000	1.800	0.000
Remarks:												
(U) <u>Management</u> Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) Total Cost			69.934	0.209		0.000		0.000		0.000	70.143	0.000

Exhibit R-4, RDT&E Schedule Profile

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05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

PROJECT NUMBER AND TITLE

A002 Counter Surveillance
Reconnaissance System

Counter Surveillance & Reconnaissance System (CSRS) Schedule

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
CSRS Development	▲ Funds reallocated to higher priority AF programs						

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Exhibit R-4a, RDT&E Schedule Detail

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PE NUMBER AND TITLE

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PROJECT NUMBER AND TITLE

A002 Counter Surveillance
Reconnaissance System

(U) Schedule Profile

FY 2005

FY 2006

FY 2007

(U) Funds reallocated to higher AF priorities

1Q

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)				PE NUMBER AND TITLE 0604421F Counterspace Systems			PROJECT NUMBER AND TITLE A003 Rapid Identification Detection and Reporting System (RAIDRS)		
Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
A003 Rapid Identification Detection and Reporting System (RAIDRS)	15.789	17.949	24.146	23.989	68.701	70.221	71.368	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

This effort supports mission area architecture development, concept exploration, and engineering and manufacturing development to provide attack warning, threat identification and characterization, and rapid mission impact assessments of U.S. space systems. This effort will investigate and implement the technical architecture, operational concept, support concept, training, verification (test), and deployment of a Rapid Attack Identification Detection and Reporting System (RAIDRS). Incremental capability deliveries are planned.

Budget Activity Justification

This program is in Budget Activity 5, System Development and Demonstration, because it supports the engineering and manufacturing development of counterspace and space control systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue system development of Rapid Attack Identification Detection and Reporting System (RAIDRS) Spiral 1.	11.529	14.452	15.519
(U) Continue concept definition, pre-acquisition architecture development and system development of Rapid Attack Identification Detection and Reporting System (RAIDRS) Spiral 2.	2.000	0.000	4.973
(U) Program Office and Other Technical Support	2.260	3.497	3.654
(U) Total Cost	15.789	17.949	24.146

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

	<u>FY 2005</u>	<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>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) OPAF (PE 0604421F), Counterspace Systems			14.398	17.463	25.768	26.505	27.010	Continuing	TBD

(U) D. Acquisition Strategy

All contracts funded in this program element will be awarded using competitive procedures to the maximum extent possible. System will be designed and acquired using a Spiral Acquisition strategy.

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05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

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PROJECT NUMBER AND TITLE

A003 Rapid Identification Detection and Reporting System (RAIDRS)

(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 2005 Cost</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>												
Architecture Development & Systems Engineering RAIDRS Spiral 1 System Development	Various CPAF	Various Integral Systems Inc, Lanham, MD	9.920	3.696	Oct-04	1.462	Nov-05	1.398	Nov-06	Continuing	TBD	TBD
RAIDRS Spiral 2 Concept Development	CPAF	Various		7.833	Mar-05	12.990	Jan-06	14.121	Jan-07	Continuing	TBD	TBD
RAIDRS Spiral 2 Concept Development	CPAF	Various		2.000	Jan-05					0.000	2.000	TBD
RAIDRS Spiral 2 Concept Development	MAPIC CPAF	Northrop Grumman Mission Systems, Redondo Beach, CA	2.787								2.787	
RAIDRS Spiral 2 Requirements Development/Risk Reduction	TBD	TBD						4.973	Jan-07	Continuing	TBD	
Subtotal Product Development			12.707	13.529		14.452		20.492		Continuing	TBD	TBD
Remarks:												
(U) <u>Support</u>												
Program Office Support for RAIDRS	Various	SMC, El Segundo	1.407	2.260	Oct-04	3.497	Oct-05	3.654	Oct-06	Continuing	TBD	TBD
Subtotal Support			1.407	2.260		3.497		3.654		Continuing	TBD	TBD
Remarks:												
(U) <u>Test & Evaluation</u>												
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Management</u>												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) Total Cost			14.114	15.789		17.949		24.146		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

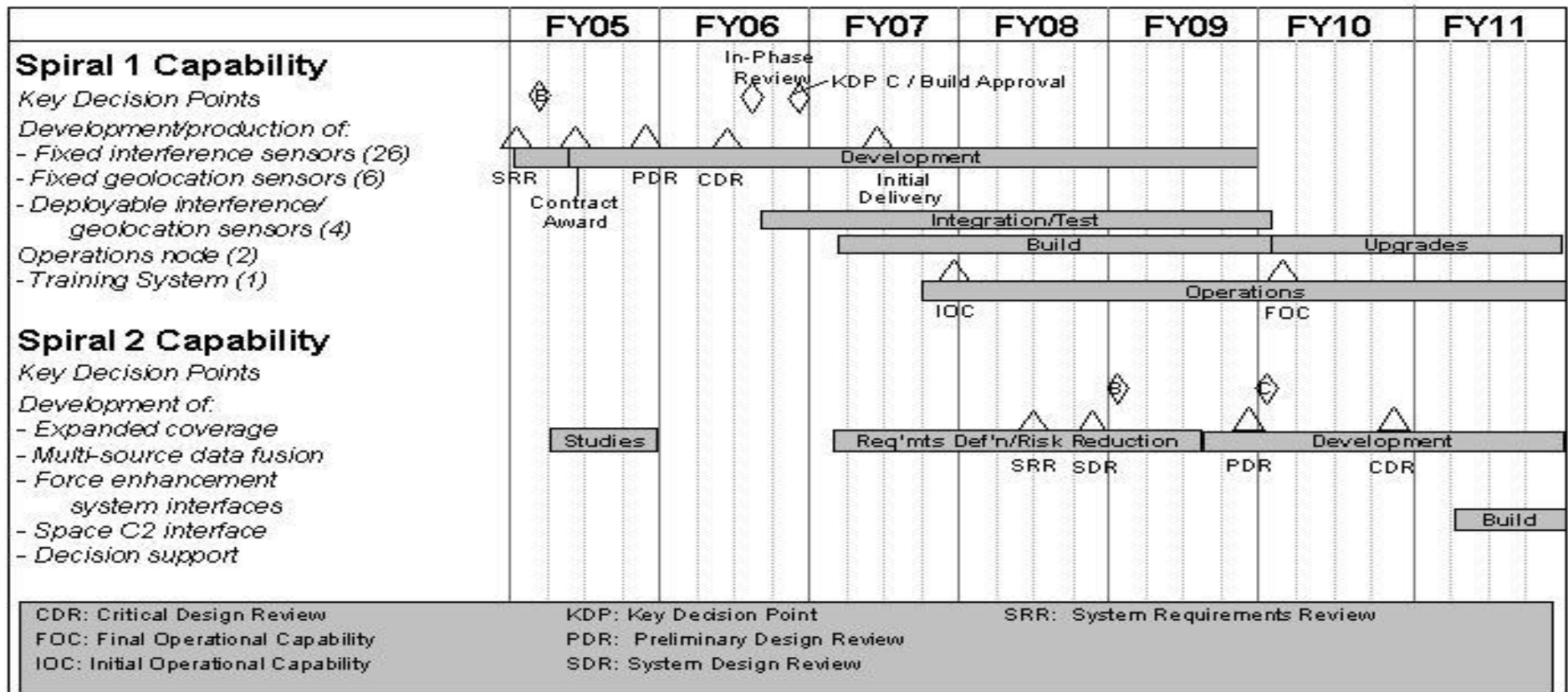
PE NUMBER AND TITLE

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PROJECT NUMBER AND TITLE

A003 Rapid Identification Detection and Reporting System (RAIDRS)

RAIDRS Schedule



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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604421F Counterspace Systems	PROJECT NUMBER AND TITLE A003 Rapid Identification Detection and Reporting System (RAIDRS)
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	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) <u>Schedule Profile</u>			
(U) System Requirements Review	1Q		
(U) RAIDRS Spiral 1 Key Decision Point (KDP B)	1Q		
(U) System Development and Demonstration Contract Award	2Q		
(U) RAIDRS Spiral 1 Preliminary Design Review	4Q		
(U) RAIDRS Spiral 2 Initial Studies Complete	4Q		
(U) RAIDRS Spiral 1 Critical Design Review		2Q	
(U) RAIDRS Spiral 1 In-Phase Review		3Q	
(U) RAIDRS Spiral 1 Key Decsion Point (KDP C & Build Approval)		4Q	
(U) RAIDRS Spiral 1 Initial Delivery			2Q
(U) RAIDRS Spiral 1 IOC			4Q

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Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
A005 Offensive Counterspace (OCS) C2	3.382	4.900	7.136	7.267	7.480	7.629	7.782	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

FY05: Congressional add: \$3.5M

FY06: Congressional add: \$4.9M

(U) A. Mission Description and Budget Item Justification

This effort supports the development of command and control and mission planning capabilities in support of the fielding and employment of Offensive Counterspace (OCS) Systems. It provides for the integration and development of collaborative tools to link deployable OCS systems with Joint Warfighting C2 systems and to enable integrated planning and execution of the OCS mission. Developed capabilities will be integrated into the Space C2 Weapon System / Combatant Commanders' Integrated Command and Control System (CCIC2S).

Budget Activity Justification

This program is in Budget Activity 5, System Development and Demonstration, because it supports the engineering and manufacturing development of counterspace and space control systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Model, conduct "virtual testing," and analyze architectural options for the Rapid Attack Identification Detection and Reporting System (RAIDRS) and for the Counter Satellite Communications System (CCS) Command and Control (C2) and operational data flows.	3.382	4.900	
(U) Begin development of Counterspace mission planning and command and control capability			6.386
(U) Program Office and Other Technical Support			0.750
(U) Total Cost	3.382	4.900	7.136

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

	<u>FY 2005</u>	<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>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) None									

(U) D. Acquisition Strategy

FY 2006 efforts will be performed using the Army's existing Space Control Test Capability contracts.

FY 2007 contracts will be awarded using competitive procedures to the maximum extent possible to acquire next generation capabilities through incremental acquisitions.

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<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 2005 Cost</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
<u>(U) Product Development</u> C2 Modeling, "virtual test," and analysis	MIPR	Davidson Technology, Huntsville, AL	0.000	3.382	Mar-05	4.900	Mar-06				8.282	3.382
Develop Counterspace Planning and C2 System	TBD	TBD						6.386	Nov-06	Continuing	TBD	
Subtotal Product Development			0.000	3.382		4.900		6.386		Continuing	TBD	3.382
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>											0.000	0.000
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
<u>(U) Management</u>											0.000	0.000
Program Office and Other Technical Support	Various	SMC, El Segundo, CA						0.750	Nov-06	Continuing	TBD	
Subtotal Management			0.000	0.000		0.000		0.750		Continuing	TBD	0.000
Remarks:												
<u>(U) Total Cost</u>			0.000	3.382		4.900		7.136		Continuing	TBD	3.382

Exhibit R-4, RDT&E Schedule Profile

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05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604421F Counterspace Systems

PROJECT NUMBER AND TITLE

A005 Offensive Counterspace (OCS)
C2

OCS C2 Schedule

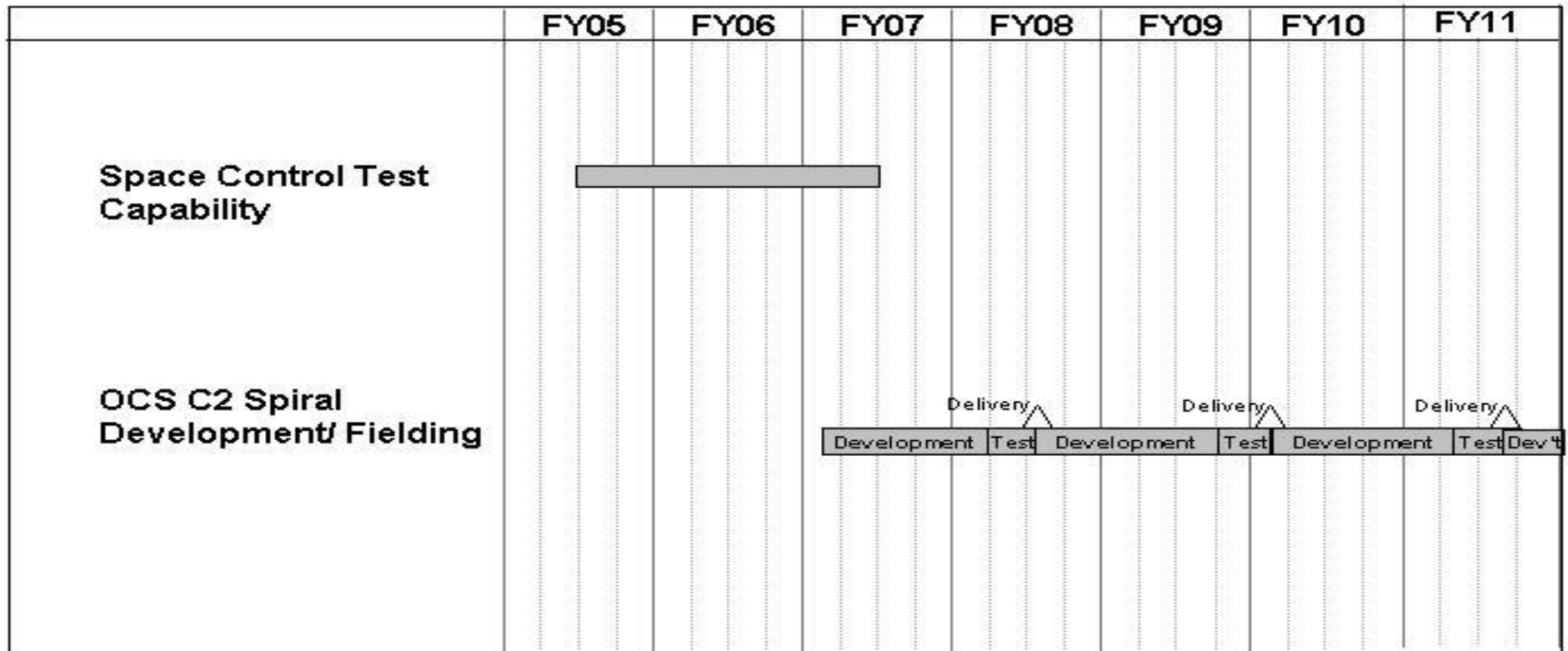


Exhibit R-4a, RDT&E Schedule Detail	DATE February 2006
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604421F Counterspace Systems	PROJECT NUMBER AND TITLE A005 Offensive Counterspace (OCS) C2
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	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) <u>Schedule Profile</u>			
(U) Modeling, "virtual test," analysis	2-4Q	1-4Q	1-2Q
(U) Develop/test/field OCS C2 Spiral			1-4Q