

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2007
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BUDGET ACTIVITY 04 Advanced Component Development and Prototypes (ACD&P)	PE NUMBER AND TITLE 0303158F Joint Control and Command
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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	4.982	5.768	5.841	5.352	5.360	5.353	5.457	5.569	Continuing	TBD
5216 JC2 Technology and System Development	4.982	5.768	5.841	5.352	5.360	5.353	5.457	5.569	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

Net Enabled Command Capability (NECC) -- formerly called the Joint Command and Control (JC2) Program -- is the next generation of command and control (C2) capabilities for the Department of Defense. NECC will eventually replace the Global Command and Control System (GCCS) Family of Systems (FoS). The GCCS program includes each of the component GCCS programs (i.e., GCCS-AF FoS, GCCS-M, GCCS-J and GCCS-A), which are the current programs of record within each component. These GCCS programs will eventually transition into a single NECC development effort.

The Air Force's initial contribution to NECC will be drawn from elements of the GCCS-Air Force Family of Systems (GCCS-AF FoS). GCCS-AF FoS consists of the following programs (each with their own program elements): TBMCS Force Level (TBMCS-FL), Joint Defensive Planner (JDP), Joint Targeting Toolkit (JTT), GCCS-AF Infrastructure (GCCS-AF I), Deliberate Crisis Action Planning and Execution Segment (DCAPES) and the C2 portion of the Joint Environmental Toolkit (JET). Leveraging the capabilities provided by Net-Centric Enterprise Services (NCES) program, NECC will accelerate the evolution towards a net-centric, web-based, open-system standards approach to providing C2 capabilities and services that will establish NECC as the core of the DoD C2 enterprise architecture.

Portions of the current GCCS-AF FoS will transition to NECC in the future. NECC will deliver capabilities as stated in the validated Joint C2 Operational Requirements Document (ORD) and complementing NECC Capability Development Document (CDD). NECC enhances the capabilities of the GCCS FoS and includes the migration of capabilities to a more modern, interoperable architecture. The Technology Development Phase underway encompasses risk reduction activities and engineering analyses with selected system and architectural analyses. The requested RDT&E funding is critical to support Air Force net-centric transformation efforts in the areas of strategic and operational command and control.

Funding for FY08 and beyond supports the Air Force contribution to NECC by maintaining the Air Force Component Program Management Office (CPMO) responsible for all AF acquisition activities related to NECC. The AF CPMO will be responsible for development, integration, architecture, system engineering, testing and transition planning, as directed by the DISA PEO for Command and Control Capabilities (PEO-C2C).

This effort is Budget Activity 4 and will perform efforts necessary to evaluate integrated technologies, representative modes or prototype joint C2 capabilities in a high fidelity and realistic operating environment.

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(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	5.125	5.818	5.778	5.281
(U) Current PBR/President's Budget	4.982	5.768	5.841	5.352
(U) Total Adjustments	-0.143	-0.050		
(U) Congressional Program Reductions		0.028		
Congressional Rescissions		0.022		
Congressional Increases				
Reprogrammings				
SBIR/STTR Transfer	-0.143			
(U) <u>Significant Program Changes:</u>				

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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	
5216 JC2 Technology and System Development	4.982	5.768	5.841	5.352	5.360	5.353	5.457	5.569	Continuing	TBD	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0			

(U) A. Mission Description and Budget Item Justification

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This effort is Budget Activity 4 and will perform efforts necessary to evaluate integrated technologies, representative modes or prototype joint C2 capabilities in a high fidelity and realistic operating environment.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Technical Engineering Services	1.100	2.100	2.100	2.100
(U) Program Management Support Activities	3.375	1.646	1.646	1.646
(U) Air Force Support to NECC Development and Piloting	0.507	2.022	2.095	1.606
(U) Total Cost	4.982	5.768	5.841	5.352

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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) N/A

(U) **D. Acquisition Strategy**

Subsequent to a favorable Milestone A decision in March 2006, the NECC acquisition strategy is being jointly developed by the Defense Information Systems Agency (DISA), the Component Program Management Offices (CPMOs), the Assistant Secretary of Defense for Networks and Information Integration (ASD (NII)) and Joint Forces Command (JFCOM). As Lead Component for NECC, DISA has overall responsibility for development and coordination of an acquisition strategy to support Milestone B, which is planned for 1QFY08.

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Exhibit R-3, RDT&E Project Cost Analysis	DATE February 2007
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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 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>														
Subtotal Product Development			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
<u>(U) Support</u>														
Technical Engineering Services	FP	MITRE, Bedford, MA		1.100	May-06	2.100	Nov-06	2.100	Nov-07	2.100	Nov-08	Continuing	TBD	TBD
Subtotal Support			0.000	1.100		2.100		2.100		2.100		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	0.000
Remarks:														
<u>(U) Management</u>														
NECC Evaluation Capability Module (ECM) Piloting	MIPR, CPFF	46 TS Det 1, Eglin AFB 350 ELSG, Hanscom		0.507	Jun-06	2.022	Jan-07	2.095	Nov-07	1.606	Nov-08	Continuing	TBD	TBD
Program Management Support	CPFF	350 ELSG, Hanscom AFB, MA		3.375	May-06	1.646	Nov-06	1.646	Nov-07	1.646	Nov-08	Continuing	TBD	TBD
Subtotal Management			0.000	3.882		3.668		3.741		3.252		Continuing	TBD	TBD
Remarks:														
<u>(U) Total Cost</u>			0.000	4.982		5.768		5.841		5.352		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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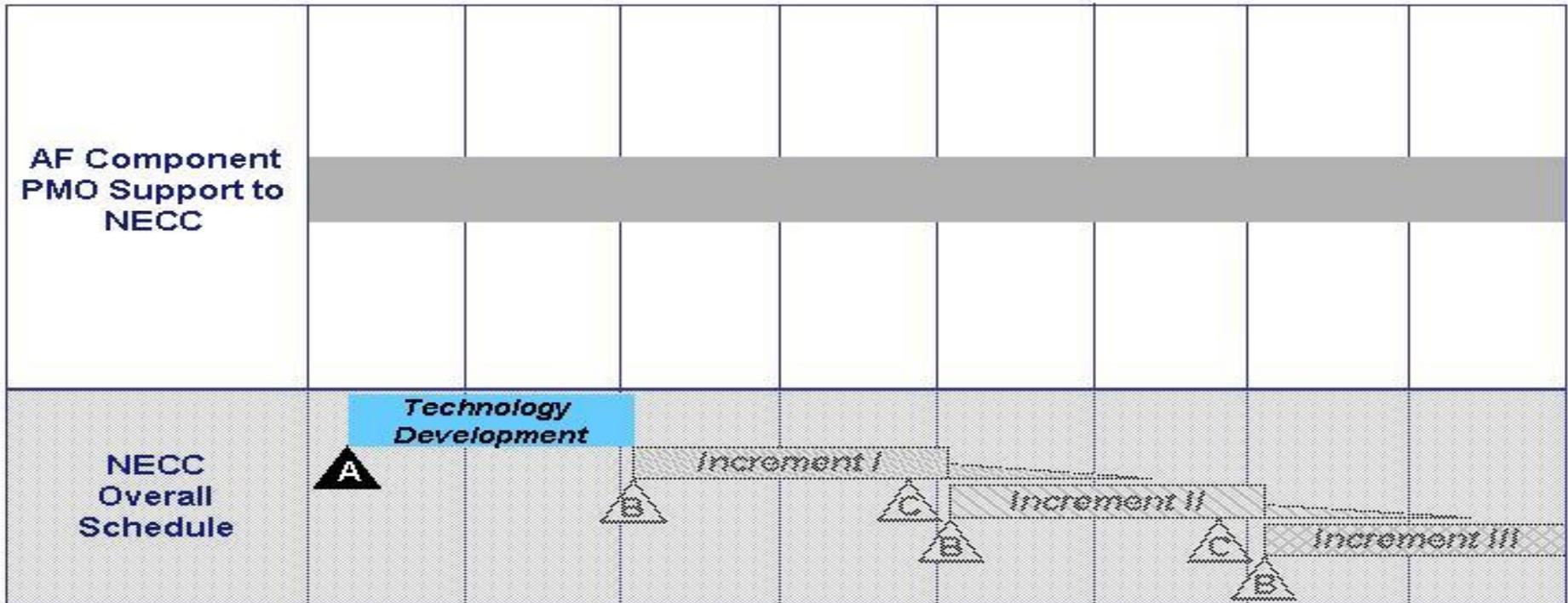
5216 JC2 Technology and System Development

Unclassified



NECC Program Schedule

FY06 FY07 FY08 FY09 FY10 FY11 FY12 FY13



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Exhibit R-4a, RDT&E Schedule Detail	DATE February 2007
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(U) <u>Schedule Profile</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Increment I Milestone A	2Q			
(U) Air Force Support for NECC Increment I Tech Demo Phase	2-4Q	1-4Q	1Q	
(U) Increment I Milestone B			1Q	
(U) Air Force Support for NECC Increment I System Design and Development (SDD) Phase			1-4Q	1-4Q