Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force												DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*					R-1 ITEM NOMENCLATURE PE 0305193F: *Cyber Intelligence*							
COST ($ in Millions)	**All Prior Years**	**FY 2012**	**FY 2013#**	**FY 2014 Base**	**FY 2014 OCO ##**	**FY 2014 Total**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**Cost To Complete**	**Total Cost**
Total Program Element	-	1.271	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.271
674871: *Information Operations Technology*	-	1.271	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.271
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Note

In FY2013, 674871 Information Operations Technology, efforts were transferred to PE 0208059F, CYBERCOM Activities, 676002, Cyber Systems Modernization, in order to align all CYBERCOM funding into one PE.

A. Mission Description and Budget Item Justification

The US Cyber Command (USCYBERCOM) responsibilities include planning, integrating, and coordinating computer Computer Network Operations (CNO) capabilities; operational and tactical level planning and day-to-day employment of assigned and attached Offensive Cyber Operations (OCO) forces; integration of OCO forces with Defensive Cyber Operations (DCO) forces and planning and coordination of cyber capabilities that have trans-regional effects or that directly support national objectives; providing OCO/DCO support for assigned missions and OCO/DCO planning and integration in support of other Combatant Commanders (COCOMs) as directed.

This project funds research, development, testing, and systems modifications of the technologies and capabilities that allow USCYBERCOM to plan, facilitate coordination and integration, deconflict, and synchronize Department of Defense (DoD) CNO. Activities also include studies and analysis to support both current program planning and execution, and future program planning. This program also provides the ability for other COCOMs to conduct CNO planning. The USCYBERCOM accomplishes part of its mission via systems engineering, testing and development across the primary functions of technical assurance, risk assessments, requirements management, capability development, and gap analysis. The technical assurance function provides world-class "assurance-in-depth" products and services enabling COCOMs to confidently, legally, safely, and securely apply CNO capabilities as one of the elements of national power. Further detail is classified and can be provided upon request.

USCYBERCOM provides support for US Strategic Command (USSTRATCOM) and other geographic and functional COCOM exercises, war games, and experimentation requirements. USCYBERCOM integrates and synchronizes its effort with the USSTRATCOM development of CNO military utility assessments, research, and development efforts, and advocacy of capability needs for the Joint Capabilities Integration Development System (JCIDS) process.

USCYBERCOM supports the Information Operations (IO) community by providing a cadre of experts on CNO technology use, and renders technical assistance in the development, review and coordination of CNO plans and operations.

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USCYBERCOM coordinates CNO capability research and development in order to achieve global military objectives. USCYBERCOM specifically is responsible for advocating on behalf of the COCOMs for CNO capability development. It is also responsible for partnering with the CNO development community to seek resource advocacy from USSTRATCOM, and fund CNO capability development with service sponsorship and coordination. Additionally, USCYBERCOM focuses capability developer's efforts on addressing COCOM requirements, fosters collaboration between OCO/DCO developers, intelligence providers, and operational planners to shorten the development cycle, transfers end-result capabilities to service components, and supports research and development of OCO/DCO capabilities for the conduct operational planning activities.

USCYBERCOM supports research and development of OCO/DCO capabilities based upon COCOM and USCYBERCOM operational requirements to include supporting and conducting quick reaction development of OCO/DCO capabilities in support of OCO/DCO operations as required. A small in-house development team will perform research as required to support this mission. The Special Projects, Vulnerability Assessment Team provides analytical support to exploitable vulnerabilities. Additionally, this team will "re-tool" existing OCO/DCO capabilities to satisfy immediate USCYBERCOM operational needs.

This program is in Budget Activity 7, Operational System Development, these budget activities include development efforts to upgrade systems currently fielded or has approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary ($ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	1.271	0.000	0.000	-	0.000
Current President's Budget	1.271	0.000	0.000	-	0.000
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	0.000			
• Congressional Directed Reductions	-	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	-	0.000			
• Congressional Directed Transfers	-	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	0.000	-	0.000

C. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Title: Joint Threat Incident (JTID) Global Network Ops (GNO) Analysis	1.208	0.000	0.000
Description: Intelligence activities focused on the development, integration and assessment of systems or applications in support of non-traditional and contingency warfare.			
FY 2012 Accomplishments:			

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C. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Continued modifications to near real-time database that contains foreign CNO specific threat information to DoD's command and control infrastructure, to include intentions and capabilities. Continued development of tools for production of automated intelligence reports on computer network attacks against US systems in accordance with CJCSM 6510.03. Continued to develop better incident assessments and analysis modules to improve means of supplying appropriate response options and courses-of-action in defense of DoD networks. Activities also included studies and analysis to support both current program planning and execution and future program planning. N/A			
Title: Program Management Administration ***Description:*** Program Management Administration (PMA) funding support engineering and technical development, and implementation activities, along with acquisition support efforts. ***FY 2012 Accomplishments:*** Funding will support engineering and acquisition support	0.063	0.000	0.000
Accomplishments/Planned Programs Subtotals	1.271	0.000	0.000

D. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• NA: *NA*	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Remarks

E. Acquisition Strategy

The acquisition strategy is to provide continuous improvements to the Joint Threat Incident Database through incremental updates. Systems engineering, development, and testing is accomplished using a Time & Materials (T&M) contract through full and open competition.

F. 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 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0305193F: *Cyber Intelligence*	PROJECT 674871: *Information Operations Technology*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JTID Global Network Ops Analysis	C/T&M	Northrop Grumman IT-TASC:Lorton, VA	-	1.271	Dec 2011	0.000		0.000		-		0.000	Continuing	Continuing	TBD
		Subtotal	0.000	1.271		0.000		0.000		0.000		0.000			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	1.271		0.000		0.000		0.000		0.000			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0305193F: *Cyber Intelligence*	PROJECT 674871: *Information Operations Technology*

Joint Threat Incident Database (JTID) Schedule

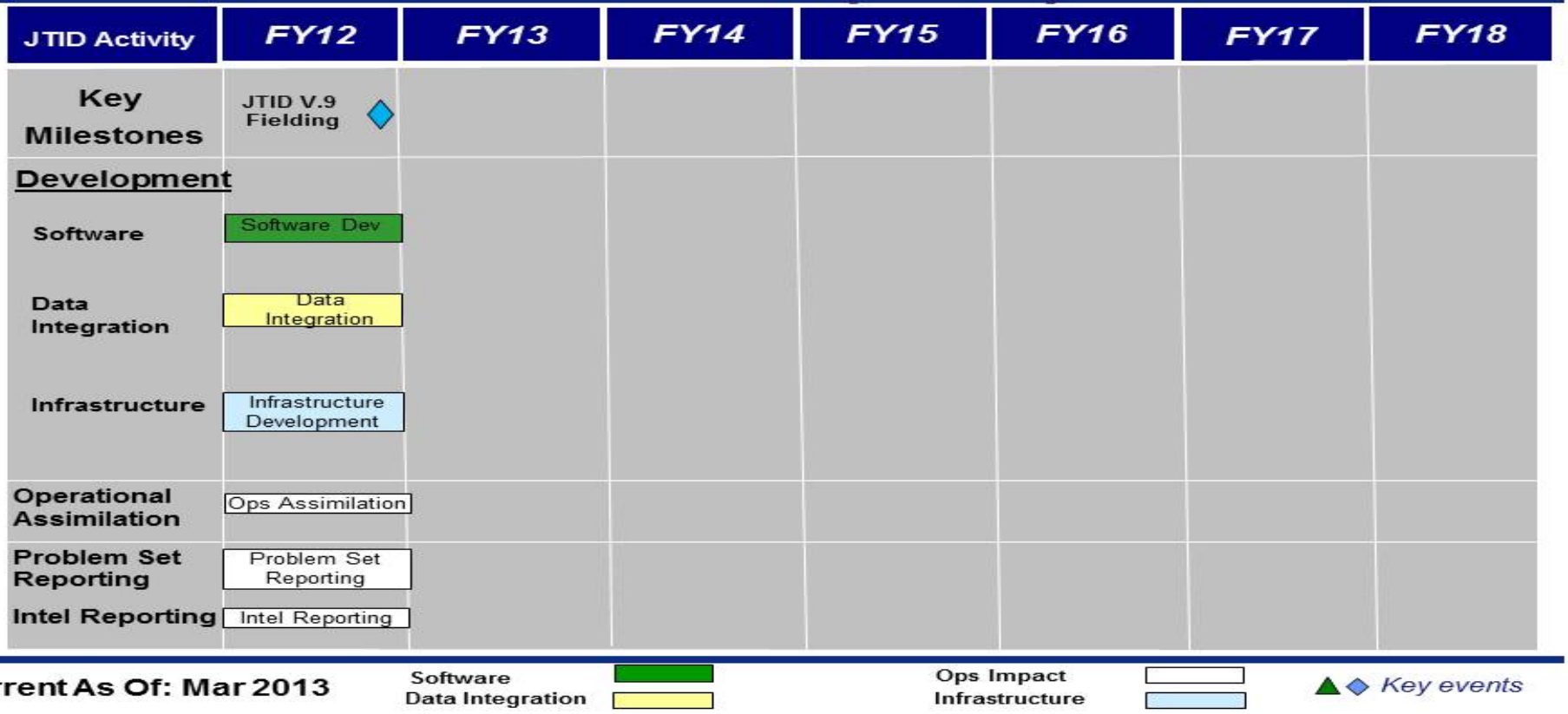

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0305193F: *Cyber Intelligence*	**PROJECT** 674871: *Information Operations Technology*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Fielding of V.9	4	2012	4	2012
Software Development	1	2012	4	2012
Data Integration	1	2012	4	2012
Infrastructure Development	1	2012	4	2012
Ops Assimilation	1	2012	4	2012
Problem Set Reporting	1	2012	4	2012
Intel Reporting	1	2012	4	2012