Exhibit R-2, **RDT&E Budget Item Justification:** PB 2015 Office of Secretary Of Defense						**Date:** March 2014					

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* I BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0305600D8Z I *International Intelligence Technology and Architectures*					

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	4.236	1.357	4.363	-	-	-	-	-	-	-	Continuing	Continuing
997: *International Intelligence Technology and Architectures*	4.236	1.357	4.363	-	-	-	-	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note
Funding transfers to Air Force beginning in FY 2015.

A. Mission Description and Budget Item Justification

Provides for the identification, migration and integration of existing and advanced multi-lateral and bi-lateral international intelligence information virtual advanced analytics, algorithmic data fusion, and multi-level security cross domain technologies into an integrated US, North Atlantic Treaty Organization (NATO), and coalition intelligence service oriented architecture/data repository such as the US and NATO Battlefield Information Collection and Exploitation System(s) (BICES). Provides for rapid implementation of US BICES Extended (US BICES-X) capabilities into the Distributed Common Ground/Surface System (DCGS) and the Defense Intelligence Information Enterprise (DI2E) intelligence decision applications and data mechanisms in support of the Under Secretary of Defense's (Intelligence) mission to ensure necessary intelligence information is being acquired, analyzed, and disseminated rapidly among our allies and coalition partners. Develops US BICES-X as the "enduring" coalition intelligence support element of the DI2E. Continues the development of the Trusted Network Environment (TNE) multi-level security database, web, and e-mail capabilities for U.S. Central Command (CENTCOM), U.S. European Command (EUCOM), U.S. Africa Command (AFRICOM), and U.S. Pacific Command (PACOM). Supports the research and development of 50+ High Assurance Connection Interfaces to Combatant Command identified bi-lateral and multi-lateral partners, develops the multi-level security rule sets and develops Ozone Widget Framework with applicable cloud widgets that can transverse the multi-level security boundaries. Develops, tests, and integrates intelligence mission applications that interface with and support the development of the DoD/CIO Coalition Partner Network (CPN).

Funding transfers to Air Force starting in FY 2015.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2015 Office of Secretary Of Defense	**Date:** March 2014
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305600D8Z *I International Intelligence Technology and Architectures*

B. Program Change Summary ($ in Millions)	**FY 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO**	**FY 2015 Total**
Previous President's Budget	1.478	4.372	-	-	-
Current President's Budget	1.357	4.363	-	-	-
Total Adjustments	-0.121	-0.009	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-0.120	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Departmental Adjustments	-0.001	-	-	-	-
• FFRDC	-	-0.009	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Office of Secretary Of Defense											Date: March 2014	
Appropriation/Budget Activity 0400 I 7					**R-1 Program Element (Number/Name)** PE 0305600D8Z I *International Intelligence Technology and Architectures*						**Project (Number/Name)** 997 I *International Intelligence Technology and Architectures*	

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
997: *International Intelligence Technology and Architectures*	4.236	1.357	4.363	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note
Funding transfers to Air Force beginning in FY 2015.

A. Mission Description and Budget Item Justification
Provides for the migration and integration of existing and advanced multinational and bi-lateral international intelligence information virtual advanced analytics, algorithmic data fusion, and multi-level security cross domain technologies into an integrated US, NATO, and coalition intelligence service oriented architecture/data repository such as the US and NATO BICES. Provides for rapid implementation of US BICES capabilities into the DCGS and the DI2E intelligence decision applications and data mechanisms in support of USD(I)'s mission to ensure necessary intelligence information is being acquired, analyzed, and disseminated rapidly among our allies and coalition partners. Develops US BICES as the "enduring" coalition intelligence component of the DI2E. Continues development of the TNE multi-level security database, web, and e-mail capabilities for US BICES.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2013	FY 2014	FY 2015
Title: International Intelligence Technology and Architectures *FY 2013 Accomplishments:* Migrated several federated architectures to incorporate multi-level security (Oracle Trusted Cross Domain Systems) capabilities for bi-lateral and multi-lateral data dissemination and discovery information sharing techniques into existing US, NATO, and coalition networks supporting on-going Special Operations Forces (SOF) and conventional operational intelligence needs. Incorporated designs of several DI2E capabilities for US BICES. Integrated a number of US BICES applications. *FY 2014 Plans:* Continue migration of other federated architectures to incorporate multi-level security (Oracle Trusted Cross Domain Systems) capabilities for bi-lateral and multi-lateral data dissemination and discovery information sharing techniques into existing US, NATO, and coalition networks supporting on-going SOF and conventional operational intelligence needs. Further incorporate design of DI2E capabilities for US BICES. Continue US BICES application integration. Provide additional funding to develop and migrate critical mission applications to run within the TNE multi-level security boundary. Allow multiple bi-lateral and multi-lateral connections through the High Assurance Connection Interfaces to access the operational intelligence mission software portals and services with the data elements tagged to allow only the intelligence information that is releasable to the particular partner to be exchanged. Provide research and development of the software applications necessary to ensure the PL-4 level security	1.357	4.363	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Office of Secretary Of Defense		Date: March 2014
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305600D8Z *I International Intelligence Technology and Architectures*	**Project (Number/Name)** 997 *I International Intelligence Technology and Architectures*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2013	FY 2014	FY 2015
certification remains intact and will allow multi-level security between the secret, secret releasable, and NATO secret levels. Provide research into whether the unclassified level can be connected in conjunction with higher level security levels. Provide research and development to allow for US intelligence analysts to view not only US SIPRNET, but multiple bi-laterals and multi-lateral windows on a single workstation. ***FY 2015 Plans:*** Funding transfers to Air Force starting in FY 2015.			
Accomplishments/Planned Programs Subtotals	1.357	4.363	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• 0305600D8Z Proc DW: *International Intelligence Technology and Architectures*	16.206	16.678	-	-	-	-	-	-	-	Continuing	Continuing
• 0305600D8Z O&M DW: *International Intelligence Technology and Architectures*	61.298	66.523	-	-	-	-	-	-	-	Continuing	Continuing

Remarks

D. Acquisition Strategy

Performance will be monitored on a monthly basis via Program Reviews, Current Expenditures, Estimated Future Expenditures, and Cost/Schedule Adherence. Research and Development will provide increased intelligence information sharing capabilities in support of US and coalition forces utilizing the US BICES and NATO virtual networks within the Afghanistan theater and provide increased database information via Distributed Common Ground System - Army. Provides an increase in intelligence disciplines (Imagery Intelligence, Signal Intelligence, and potential Human Intelligence) in support of US and Allied/Coalition forces that currently is very limited to the warfighter. Increased intelligence advanced analytics tools will be migrated from Joint Intelligence Operations Center-IT and DI2E developments and will significantly increase the timeliness of intelligence and bring US BICES/NATO Special Operations Forces Headquarters/NATO Intelligence Fusion Center capabilities into the current technology baselines. Develops and provides a federated TNE that incorporates the Asian Pacific Intelligence Information Network being developed to support the National Defense Strategy as we transition out of Afghanistan and into the Pacific. Provides multi-level security intelligence bi-laterals and multi-laterals to meet Combatant Commander Integrated Priority Lists. Develops the Coalition Partner Network for CENTCOM, the Coalition Information Exchange Network for SOUTHCOM, and the Coalition Partner Network for EUCOM and AFRICOM. Develops the US BICES connections with these bi-lateral and multi-lateral federated TNEs that make up the US BICES-X Enterprise Network in support of Commander SOCOM requirements for conventional and coalition operations as the US migrates into other Combatant Command regions.

Exhibit R-2A, **RDT&E Project Justification:** PB 2015 Office of Secretary Of Defense		**Date:** March 2014
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305600D8Z *I International Intelligence Technology and Architectures*	**Project (Number/Name)** 997 *I International Intelligence Technology and Architectures*

E. Performance Metrics

Assessment and Analysis - Can it easily be adapted or adjusted to meet the current or projected capabilities gap for Allied or Coalition Intelligence Information Sharing and for the Intelligence integration into the Future Mission Network.

Realism – Allows exploration of new environments and capabilities through participation in exercise environments that utilize bi-lateral and multi-lateral intelligence enterprise solutions such as US BICES-X.

Advancement - Increases the current capabilities for the sharing of intelligence information and determines if it actually adds functionality in support of Combatant Commanders requirements through exercises such as Unified Vision, Enterprise Challenge, and the MAJIIC (multi-sensor aerospace ground joint intelligence, surveillance, and reconnaissance interoperability coalition) exercises.

Utility - Can it be integrated into the existing national or multinational architectures in a timely and cost effective manner and does it increase the discovery and dissemination of intelligence information to the Allies or Coalition forces.