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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Office of the Secretary Of Defense	Date: February 2015
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support	PE 0203345D8Z / Defense Operations Security Initiative											
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	4.075	5.161	1.952	1.946	-	1.946	2.409	2.885	3.321	3.364	Continuing	Continuing
345: Defense Operations Security Initiative	4.075	5.161	1.952	1.946	-	1.946	2.409	2.885	3.321	3.364	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Operations Security (OPSEC) Initiative (DOSI) is an effort to enhance DoD Operations Security capability and capacity across the Department of Defense. DOSI executes research, development, test, and evaluation (RDT&E) to develop OPSEC technologies and tools to support Department activities which include denial of adversary collection, blue force countermeasures, and blue force counter analysis.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	5.288	1.956	2.404	-	2.404
Current President's Budget	5.161	1.952	1.946	-	1.946
Total Adjustments	-0.127	-0.004	-0.458	-	-0.458
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-0.004			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.127	-			
• Baseline Program Adjustment	-	-	-0.453	-	-0.453
• Departmental Adjustment	-	-	-0.005	-	-0.005

C. Accomplishments/Planned Programs (\$ in Millions)

Title: Defense Operations Security Initiative (DOSI)	FY 2014	FY 2015	FY 2016
FY 2014 Accomplishments: - Researched, developed and tested signature suppression capabilities (electro-magnetic spectrum, physical and environmental emissions) to meet Combatant Commands and DoD Component requirements for a key U.S. weapon system. - Researched, developed and tested signature emitting technologies to field alongside key U.S. weapon systems to enhance survivability and degrade foreign intelligence and collection activities in support of Combatant Command and DoD Component requirements.	5.161	1.952	1.946

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C. Accomplishments/Planned Programs (\$ in Millions)											
- Examined and invested research and development in technologies and capabilities to support current and emerging measures and countermeasures for OPSEC requirements in concert with acquisition processes. FY 2015 Plans: - Continue to research, develop and test signature management and OPSEC technologies to support COCOM and/or DoD Component requirements. - Ensure developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Components. - Research, develop, test and evaluate OPSEC capabilities to support National security challenges. FY 2016 Plans: - Continue to research, develop and test signature management and OPSEC technologies to support COCOM and/or DoD Component requirements. - Continue to ensure developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Components. - Assess historic RDT&E investments to identify return on invest (ROI) metrics on DoD OPSEC capability and capacity progression.								FY 2014	FY 2015	FY 2016	
Accomplishments/Planned Programs Subtotals								5.161	1.952	1.946	
D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• 0203345D8Z O&M DW: <i>Defense Operations Security Initiative</i>	-	4.181	4.254	-	4.254	4.180	4.409	4.526	4.524	Continuing	Continuing
Remarks											
E. Acquisition Strategy N/A											
F. Performance Metrics RDT&E Performance metrics are used to establish baseline and assess progress toward enhancement and increase of Operations Security (OPSEC) capabilities and capacities across the Department of Defense's assigned responsibilities. The following metrics are based on the ROI of RDT&E investments and provide assessment to meeting: 1) operational requirements for OPSEC capabilities, 2) technical requirements for successful engineering, and 3) programmatic requirements for sustaining RDT&E											

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successes across the Department: -- Seventy percent of evaluations and tests on engineered prototypes and next generation capabilities address Combatant Command and/or DoD Component requirements. The remaining thirty percent serve as the pivot to improve service level operational capabilities or to address alternate technologies. - One hundred percent of completed prototype development includes affiliated specifications, architecture, raw material inventories and documentation. They are maintained in a centralized database repository used to support feedback and future efforts. - Fifty percent of prototypes and next generation capabilities transition into DoD Component Program Management Offices and Program Executive Offices to fulfill DOD urgent needs, while the remaining fifty percent are reviewed for alternative operational utility and sent to the appropriate Service or Agency for application.		