

## UNCLASSIFIED

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>				Date: February 2008			
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/05				R-1 ITEM NOMENCLATURE Defense Message System/PE 0303129K			
Cost (\$ in millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Defense Message System/DM01	11.187	0.000	0.000	0.000	0.000	0.000	0.000

**A. Mission Description and Budget Item Justification:** The Defense Message System (DMS) is the official DoD Warfighter Message System that meets/exceeds DoD criteria for providing secure, timely, reliable and accountable organizational messaging and associated directory services. DMS is the integrated writer-reader capable system, globally accessible by strategic/tactical sites, as well as interfaces with our Allies, non-DOD agencies, and Defense contractors. DMS utilizes Commercial-Off-the-Shelf (COTS) and modified COTS components to provide multi-media messaging and directory capabilities that complement and leverage the Global Information Grid (GIG). The DMS received ASD/C3I Milestone III approval in July 2002. In May 2005, DMS was placed in sustainment through 2012. Sustainment allows minor system/product adjustments, bug fixes, and operational/integration testing to correct security shortfalls and maintain the objective system.

## Accomplishments/Planned Program:

DMS Sustainment	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Subtotal Cost	7.706	0.000	0.000

RDT&E funded ongoing requirements to sustain DMS products on current commercial technology; meet evolving DoD security policies; and counter information warfare threats to ensure uninterrupted system compatibility, interoperability and configuration management. Sustainment activities include integration of new commercial versions of DMS backbone, security, and end-user products and minor product modifications (e.g., fixing 'bugs', applying commercial service packs, and mitigating emerging security vulnerabilities).

DMS Systems Engineering	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Subtotal Cost	2.405	0.000	0.000

RDT&E funded ongoing engineering assessment and resolution activities that assured evolving DoD security policies and security vulnerabilities were addressed and that technical deficiencies and system 'scalability' issues were resolved. Engineering activities included systems management; technical assessments of system performance against operational requirements; and analysis of operational anomalies and related solutions.

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Testing Support	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Subtotal Cost	1.076	0.000	0.000

As a major DoD telecommunications system, DMS requires developmental, operational, and security-level testing prior to releasing field engineering notices to the DMS community. The Joint Interoperability Test Command (JITC) executed the RDT&E-funded mandatory testing required on solutions designed to resolve product functionality/integration and system capability anomalies. RDT&E assured the continued analysis of Information Assurance Vulnerability Alerts (IAVAs) against DMS products, and the development, test and implementation of the solutions that countered information warfare threats.

**B. Program Change Summary:**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
FY 2008 President's Budget	11.160	0.000	0.000
FY 2009 President's Budget	11.187	0.000	0.000
Total Adjustments	0.027	0.000	0.000

Change Summary Explanation: FY 2007 change due to revised execution requirements.

**C. Other Program Funding Summary:**

	<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>	To <u>Complete</u>	Total <u>Cost</u>
Procurement, DW	6.222	0.000	0.000	0.000	0.000	0.000	0.000	Cont'g	Cont'g
O&M, DW	13.314	11.477	13.623	13.706	13.349	13.644	0.000	Cont'g	Cont'g