

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification				Date: February 2008			
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/02				R-1 ITEM NOMENCLATURE Joint Spectrum Center/PE 0303153K			
Cost (\$ in millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Spectrum Relocation Fund (SRF)	76.500 *	0.000	0.000	0.000	0.000	0.000	0.000

*The Joint Spectrum Center funding in BA 02 was provided to support the Spectrum Relocation Fund effort. FY 2007 funding of \$76.5 million is in a No-Year Appropriation and only the R-2 exhibit is included as information only.

A. Mission Description and Budget Item Justification:

The Commercial Spectrum Enhancement Act (CSEA) dated 23 December 2004 authorized the auctioning to users for commercial purposes of certain radio frequency spectrum bands currently being utilized by federal agencies. Federal agencies that are affected by CSEA will relocate their spectrum communications systems to new frequency bands. In FY 2007, the Defense Information Systems Agency (DISA) Joint Spectrum Center (JSC) was allotted \$98.2M for Spectrum Relocation Fund (SRF), of which \$76.5M is RDT&E.

The migration of DoD systems out of the 1710-1755 MHz band presents significant new technical challenges due to increasing congestion in the remaining frequency bands accessible to the DoD. These challenges require the DoD to accomplish accelerated program changes for numerous systems, while avoiding impacts to existing critical operations. The cumulative effects of the impacts from the loss of multiple spectrum bands under the Omnibus Budget and Reconciliation Act of 1993 (OBRA-93) and the Balanced Budget Act of 1997 (BBA-97) present an increasing trend in spectrum restrictions and access limitations as these bands are transitioned from Government use to non-Government use. In order to adequately support the rapid changes that are required to make the 1710-1755 MHz band available to the commercial wireless industry in the shortest possible timeframe, including the provision of the joint NTIA/FCC Public Notice for early entry into the 1710 to 1755 MHz band, there is a need to fund activities common to all systems necessary to plan for and facilitate the relocation of DoD systems.

These common activities are the Spectrum Management Transition Initiative (SMTI), the Spectrum Technology Test-bed Initiative (STTI), and the DoD Spectrum Relocation Management Office (DSRMO). The combined features of these initiatives support a systematic approach to re-accommodation of the affected spectrum dependent systems as well as spectrum re-engineering for existing systems currently operating in the alternate frequency bands. These initiatives also assist the DoD in relocating to alternate spectrum and in the identification of "comparable spectrum" as required by the provisions of Public Law 106-65. The DSRMO is an Operation and Maintenance (O&M) funded activity.

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B. Program Change Summary:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Previous President's Budget	0.000	0.000	0.000
Current Submission	76.500	0.000	0.000
Total Adjustments	76.500	0.000	0.000

Change Summary Explanation: The allocation of \$76.5M was a one time increase to support the SRF program and intended to be executed over a six year period. These are "no-year" funds.