

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

03 - Advanced Technology Development (ATD)

0603436F Transformational Wideband MILSATCOM

A006

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
A006 Transformational Wideband MILSATCOM	9,972	0	0	0	0	0	0	0	0	9,972
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) **A. Mission Description**

ASD(C3I) and the Joint Staff conducted the Transformational Communication Study (TCS) during FY02. The TCS analyzed the opportunity to transform the current communications architecture to incorporate capabilities such as laser communications and additional protection for tactical users. The result of the TCS was that opportunity exists to develop a Transformational Communication Architecture that capitalizes on key technologies to improve connectivity and data transfer capability that will remove bandwidth constraints for global U.S. requirements across DoD, civil and intelligence community operations.

(U) **FY 2002 (\$ in Thousands)**

(U) \$8,472 System Definition - architecture definition
 (U) \$1,500 System Definition - technology maturation
 (U) \$9,972 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$0 No Activity (transferred to PE 0603845F)
 (U) \$0 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishment/Planned Program
 (U) \$0 No Activity (transferred to PE 0603845F)
 (U) \$0 Total

(U) **B. Budget Activity Justification**

Funding is in Budget Activity 3, Science and Technology, since this effort will support the transformation of the current satellite communications architecture in order to incorporate key emerging technologies. Activities transferred to PE 0603845F.

Project A006

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	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget		195,000	435,000	1,260,000
(U) Appropriated Value	0	0		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-28			
b. Small Business Innovative Research				
c. Omnibus or Other Above Threshold Reprogram	10,000			
d. Below Threshold Reprogram				
e. Rescissions				
(U) Adjustments to Budget Years Since FY 2003 PBR			-435,000	
(U) Current Budget Submit/FY 2004 PBR	9,972	0	0	9,972

(U) **Significant Program Changes:**

DoD initiated the TCA definition and technology maturation effort in the FY2002 Omnibus to accelerate the effort requested in the FY2003 President's Budget. The FY2003 Appropriations Act moved this effort to PE 0603845F.

(U) **D. Other Program Funding Summary (\$ in Thousands)**

(U) PE 0603845F & PE 0303602F contain the remaining funds for the TCA SATCOM effort.

(U) **E. Acquisition Strategy**

See PE 0603845F

(U) **F. Schedule Profile**

(U) See PE 0603845F

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