

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

June 2001

BUDGET ACTIVITY 7 - OPERATIONAL SYSTEMS DEV				PE NUMBER AND TITLE 1001018A - NATO JSTARS (SUMMARY)				PROJECT C35		
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
C35 NATO AGS - TIARA	0	0	2109	0	0	0	0	0	0	0

A. Mission Description and Budget Item Justification:

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The United States is a major participant in a cooperative venture to select and procure a ground surveillance capability for North Atlantic Treaty Organization (NATO) forces. In May 1997, a Conference of National Armament Directors invited member nations to offer Alliance Ground Surveillance (AGS) solutions. Currently, work continues to establish a solution for a NATO AGS system. The Army will support US Government activities in providing a NATO AGS system, focusing on the ground station segment of any solution. Once NATO members agree upon an AGS solution, Army efforts will shift from defining an acceptable solution to the necessary development of data formats, interoperability, and ground station hardware and software requirements. The three Army imperatives with regard to participation in NATO AGS are interoperability, technology re-use, and technology feedback. This system supports the legacy transition path of the Transformation Campaign Plan (TCP).

FY02 funds will provide personnel and resources to the NATO Trans-Atlantic Advanced Radar (NATAR) Program Definition Office (PDO). The Army will fund work contributing to interoperability among allied nations and support US participation in pertinent exercises such as "Clean Hunter". Other primary support to NATO AGS will include the development of a Concept of Operations (CONOPS) and Tactics, Techniques, and Procedures (TTP). The Army will support both working level meetings and executive oversight groups such as the NATAR Management Board, the AGS Steering Committee, and the Conference of National Armament Directors.

FY 2002 Planned Program

- 50 Support NATAR Management Board, NATO AGS Steering Committee, and the Conference of National Armament Directors.
- 796 Develop systems architecture and data formats to meet NATO member requirements and interoperability issues.
- 753 Support exercises and demonstrations for NATO member representatives.
- 510 Support the NATAR Program Definition Office in the preparation of acquisition documentation for development/procurement of NATO AGS Air and Ground Segments.

Total 2109

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<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2001 PB)	0	0	0	0
Appropriated Value	0	0	0	0
Adjustments to Appropriated Value	0	0	0	0
a. Congressional General Reductions	0	0	0	0
b. SBIR/STTR	0	0	0	0
c. Omnibus or Other Above Threshold Reduction	0	0	0	0
d. Below Threshold Reprogramming	0	0	0	0
e. Recissions	0	0	0	0
Adjustments to Budget Years Since FY2001 PB	0	0	2109	0
Current Budget Submit (FY 2002/2003 PB)	0	0	2109	0

Change Summary Explanation:
 Funding aligned into this project to support NATO AGS efforts.

<u>C. Other Program Funding Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
BA1080 Joint STARS (TIARA)	94840	65805	21304	0	0	0	0	0	0	0
BS9724 Joint STARS Spares	5434	6122	4361	0	0	0	0	0	0	0
64770/D202 Joint Stars(TIARA)	25676	28632	8093	0	0	0	0	0	0	0

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D. Acquisition Strategy: NATO AGS is currently in the Program Definition phase. The Army will support this activity with both requirements and acquisition personnel. The objective is to prepare for the eventual NATO procurement of an AGS capability. Based on extensive background knowledge obtained through the development of the Army's Common Ground Station (CGS), the Army intends to support the AGS effort with the expertise of individuals already involved with CGS. The Army intends to contract with the CGS manufacturer as necessary to support the development of an AGS ground segment, and to support exercises and demonstrations as they pertain to the US Government objectives and the Army AGS imperatives.

E. Schedule Profile	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Program Definition of a Baseline Solution			1-3Q	0	0	0	0	0
NATO Decision on Solution to Develop			4Q	0	0	0	0	0
Development of Baseline Solution				0	0	0	0	0
Spiral Development and Pre-Planned Product Improvements				0	0	0	0	0

ARMY RDT&E COST ANALYSIS(R-3)

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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Develop Architecture, Data Formats and Interoperability Requirements	T&M	Motorola, Scottsdale, AZ	20724	0		521	1Q	0	0	0	0	0
b . Develop NATO AGS Solutions for Ground Station Segment	T&M	Motorola, Scottsdale, AZ	0	0		0		0	0	0	0	0
Subtotal:			20724	0		521		0		0	0	0

II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Definition Office (PDO) Support	MIPR	PDO, Brussels	0	0		510	1Q	0	0	0	0	Continue
b . Support Executive and Working Level Meetings and Conferences	MIPR	Various	0	0		50		0	0	0	0	Continue
Subtotal:			0	0		560		0		0	0	Continue

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Conduct Exercises and Demonstrations	T&M	Various Locations	0	0		576	1Q	0	0	0	0	0
b . Test and Evaluation Support	MIPR	Other Gov't Agencies	0	0		177	1Q	0	0	0	0	0
Subtotal:			0	0		753		0		0	0	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Management		PM CGS, Fort Monmouth, NJ	1707	0		275	1Q	0	0	0	0	Continue
Subtotal:			1707	0		275		0		0	0	Continue
Project Total Cost:			22431	0		2109		0		0	0	Continue