

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2004

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 1001018A - NATO Joint STARS					PROJECT C35			
COST (In Thousands)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost	
C35 NATO AGS - TIARA	503	498	595	591	688	675	698	Continuing	Continuing	

A. Mission Description and Budget Item Justification: 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.

The Army will provide personnel and resources to the NATO Alliance Ground Surveillance Support Staff (AGS3), contributing to interoperability among allied nations and supporting 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 AGS3 Management Board, the AGS Steering Committee, and the Conference of National Armament Directors.

This system supports both the Current/Stryker Brigade Combat Team (SBCT) and the Future Force transition path of the Transformation Campaign Plan (TCP).

FY05 Funding supports the NATO AGS3 Air and Ground Segments.

Accomplishments/Planned Program	FY 2003	FY 2004	FY 2005
Continue to support necessary meetings and conferences.	16	18	20
Develop Ground Station software to meet coalition operations requirements.	196	216	284
Conduct Developmental Tests and Demonstrations.	164	137	153
Support the NATO AGS3 in the preparation of acquisition documentation for development/procurement of NATO AGS Air and Ground Segments.	127	127	138
Totals	503	498	595

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<u>B. Program Change Summary</u>	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2004)	503	503	601
Current Budget (FY 2005 PB)	503	498	595
Total Adjustments	0	-5	-6
Congressional program reductions		-4	
Congressional rescissions			
Congressional increases			
Reprogrammings		-1	
SBIR/STTR Transfer			
Adjustments to Budget Years			-6

<u>C. Other Program Funding Summary</u>	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Compl	Total Cost
BA1080 Joint STARS (TIARA)	9587	8200	0	0	0	0	0	0	38943
BS9724 Joint STARS Spares	3287	293	0	0	0	0	0	0	7429
64770/202 Joint Stars(TIARA)	4509	4705	0	0	0	0	0	0	16699

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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.