ARMY NATIONAL GUARD
FY06 UFR

15 January 2005

SUBJECT: Enhanced Position Location Reporting System (EPLRS)
FY06-11 UFR: $269 M
APPN: OPA
AREA OF INTEREST: MODERNIZATION

DESCRIPTION: EPLRS is the Army's Data Networking System for the digitized battlefield that provides the warfighter with the integrated network that supports warfighting systems and assures command control cycle superiority. It provides a mobile wireless data communications backbone for the Army's Tactical Internet. The mobile networks are used by Army Battle Command System(s) (ABCS) and Force XXI Battle Command Brigade and Below (FBCB2) host computers for situational awareness/position navigation and Command & Control. It is a common system and is used by the joint warfiighting forces - Army, Air Force, Navy, and Marine Corps.

ISSUE JUSTIFICATION: To ensure the relevancy of enhanced separate brigades, divisions and non-divisional units during the Army transformation. EPLRS is the required communication link from brigade and below. Without EPLRS, situational awareness is degraded to both the user and higher headquarters. The ARNG ADA battalion's operating with FAAD C2 requires EPLRS to provide interoperability within the forward air defense grid.

PROGRAM STATUS: Partially funded throughout the POM. A total requirement of 6,246 EPLRS (significant change from FY03-04 requirement, due to Army's ABCS modernization policy) systems exist for ARNG. 1008 sets are currently programmed for delivery through FY09. If the schedule is followed, ARNG will still have a shortage of 5,380. ARNG has received 74 systems of the 216 and will receive 792 more systems in FY06, for SBCT6 (PA). The only ARNG units that are on the modernization path (receiving Force XXI Battle Command Brigade and Below (FBCB2) or Avenger Slew to Cue (STC) will meet the HQDA SI validated requirement for EPLRS.

IMPACT OF FUNDING THE CAPABILITY: The inability of ARNG units to send large amounts of data impact its ability to effectively communicate with their active duty counterparts. The digital C2 is significantly less effective over the SINCGARS radio. EPLRS has the functionality to provide the ARNG the ability to provide the situational awareness required for interoperability with the Army's Legacy and Interim Force.

SUBJECT: Enhanced Position Location Reporting System (EPLRS)
LIN: P49587
APPN: OPA
APE:
MDEP: FPMM
MDEP TITLE: Enhanced Position Location Reporting System (EPLRS)
DAMO-ZR 1-N List Priority Number:
Division Priority:
Functional POC: MAJ McCormack   **Div:** ARQ-M   **Tel:** 703-607-7891
Approval Authority: COL Moore **/** NGB-ARQ **/** 703-607-7804

	FY06-11	
Validated Requirement*	312.30 M	
Unvalidated Requirement		
Total Requirement	312.30 M	
Funded Amount	43.3 M	
Total UFR	269 M	

ANALYSIS: The Army National Guard is funded for only units that support III Corps and the SBCT. Part of the EPLRS that ARNG fields are only due to a congressional add from last year. CECOM lists a cost per unit of $50,000.

* Validated requirement includes 792 systems for 56th SBCT + 216 systems for ARNG units in Digitized / Counterattack Corps Troops (POM 04-09 requirement).

*Note: Changes in requirements and unit costs due to the on-going design of the Modular Force require this information paper be updated periodically. Next analysis and update will occur in early March 05.