Enhanced Q-36

MISSION
To provide the next generation answer to the aging legacy Firefinder radars (the AN/TPQ-36 and AN/TPQ-37), by providing improved acquisition and identification of artillery, mortar, and rocket munitions in the 90-degree mode and introducing the additional capability to operate in the 360-degree mode at greater ranges and capabilities than the current 360-degree AN/TPQ-48 and AN/TPQ-49 Lightweight Counter Mortar Radar (LCMR) system.

DESCRIPTION
The EQ-36 is a replacement of the legacy AN/TPQ-36 and AN/TPQ-37 target acquisition counter-fire radar systems. It provides improved operational capability over the legacy radar systems. The EQ-36 provides Warfighters continuous and responsive counter-battery target acquisition capabilities for all types of military operations. The EQ-36 detects in-flight projectiles and determines and communicates firing point locations of mortars, artillery, rockets, and missiles with a high degree of accuracy and low false alarm rates.

SYSTEM INTERDEPENDENCIES
In this Publication
Counter-Rocket, Artillery, and Mortar (C-RAM)/Indirect Fire Protection Capability (IFPC)

PROGRAM STATUS
• FY11: Non-Recurring Engineering Increment 2 for system integration
• 3QFY11: Developmental/Operational Test LUT Increment 1; Developmental Testing Increment 2
• End FY11: QRC production continued; LRIP begins

PROJECTED ACTIVITIES
• 3QFY12: Limited Users Test #2 scheduled
• 4QFY12: Quick Reaction Capability Production continued until 4QFY12
• End of FY12: LRIP ongoing until end of FY12
• FY13-FY15: Full-Rate Production
Enhanced Q-36

FOREIGN MILITARY SALES
None

CONTRACTORS
Integration/ICS:
Lockheed Martin (Syracuse, NY)

Technical Support:
(statewide, MD)
(statewide, NJ)

FSRs:
JB Management (Alexandria, VA)