

Enhanced Q-36

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

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

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

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)

