

Prophet

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides a near-real-time picture of the battlespace through the use of signals intelligence sensors offering the capability to detect, identify, and locate selected emitters.

DESCRIPTION

Prophet is a 24-hour, all weather, near-real-time, ground-based tactical signals intelligence/electronic warfare capability organic to the Brigade Combat Team (BCT), Stryker BCT, Armored Cavalry Regiment, and Battlefield Surveillance Brigade. Prophet contains from two to four Electronic Support 1/Enhanced Systems, one to two controls, and a TROJAN–Lightweight Integrated Telecommunications Equipment (T-LITE) per control. It provides near-real-time force protection, situational awareness, and actionable intelligence by reporting the location, tracking,

and identification of radio frequency emitters. It is interoperable on the Global Signals Intelligence Enterprise, delivering collected data to common databases for access by the community. Prophet's tactical mobility allows supported units to easily reposition its collection capability on the battlefield to support evolving situations. Prophet can be removed and used as a dismounted capability for long-term operations.

Prophet Electronic Support 1 (ES 1) System is integrated on an armored M1165 High Mobility Multipurpose Wheeled Vehicle (HMMWV). The Prophet ES 1 System is being fielded to active and reserve units in support of Operation Enduring Freedom/Operation Iraqi Freedom. Some Prophet ES 1 Systems were updated to include Wideband Beyond-Line-of-Site (WBLOS) capabilities based on the present PM Warfighter Information Network–Tactical (WIN-T) architecture. This capability allows operation without the constraints of line-of-sight communication, increasing the system's capability to operate at extended distance and perform distributed operations.

The Prophet Enhanced System will provide increased capability over existing Prophet ES 1 Systems. The Prophet Enhanced System has been accelerated to provide upgraded capability integrated on an XM1229 Medium Mine Protected Vehicle to provide better crew protection, and fielded to units in preparation for deployment.

Prophet Control is integrated on an armored M1165 HMMWV. Prophet Control is the analytical node that tasks the Prophet ES 1 and Enhanced Systems for data collection and reporting.

The Prophet Enhanced–RCON system will be a “vehicle agnostic”/ modular system that will allow easy vehicle integration, and will increase the Prophet Enhanced System's capability to simultaneously perform multiple missions.

SYSTEM INTERDEPENDENCIES

In this Publication

Distributed Communications Ground System–Army (DCGS-A)

Other Major Interdependencies

Global Positioning System, Trojan lightweight integrated telecommunications equipment, tactical radio communications systems, light tactical vehicles and assured mobility systems, WIN-T for WBLOS

PROGRAM STATUS

- **2QFY10:** Prophet Enhanced quick reaction capability (QRC) first-unit equipped
- **2QFY10–4QFY10:** Fielded Prophet Enhanced QRC systems to Army Transformation BCTs and Battlefield Surveillance Brigade
- **4QFY10:** Prophet Enhanced–RCON contract mod awarded

PROJECTED ACTIVITIES

- **1Q–4QFY11:** Continue Prophet ES 1 and Prophet Enhanced Systems fieldings
- **1Q–4QFY11:** Continue to defield Prophet Block I systems as Prophet ES 1 and Prophet Enhanced Systems are fielded
- **2QFY11:** Prophet Enhanced first unit equipped

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Prophet

FOREIGN MILITARY SALES

None

CONTRACTORS

Prophet Enhanced Sensor Production:

General Dynamics (Scottsdale, AZ)

Prophet ES 1 Sensor and Control

Production:

L-3 Communications (San Diego, CA;

Melbourne, FL)

