

Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides range extension to the Army's current and future tactical communications networks.

DESCRIPTION

The Secure Mobile Anti-Jam Reliable Tactical-Terminal (SMART-T) is a mobile, military satellite communication terminal that provides worldwide, anti-jam, low probability of intercept and detection, secure voice and data capabilities for the Joint warfighter. The SMART-T provides range extension to the Army's current and future tactical communications networks through DoD Milstar and Advanced Extremely High Frequency (AEHF) communication satellites. SMART-Ts are being upgraded to interoperate with AEHF satellites and can now provide data rates up to 8.192 million bits per second (Mbps). The total Army procurement is 278 systems. The AEHF satellite system will dramatically increase the Army's end-to-end anti-jam communications throughput capability.

The Army's 278 SMART-Ts are being fielded at the brigade, division, and corps echelons in the Active Army, National Guard, and Reserve components.

SMART-T is part of Capability Set 13, the Army's first package of network components, associated equipment and software that provides integrated connectivity from the static tactical operations center to the commander on-the-move to the dismounted Soldier. CS 13 begins fielding to Brigade Combat Teams in October 2012.

SYSTEM INTERDEPENDENCIES

In this Publication

None

Other Major Interdependencies

The SMART-T communicates with Milstar military communication satellites and is being upgraded to communicate with AEHF communication satellites

PROGRAM STATUS

- **1QFY12-4QFY12:** Continued upgrade of SMART-Ts and conduct of New Equipment Training at the Fielding and Training Facility in Largo, FL

PROJECTED ACTIVITIES

- **2QFY13:** SMART-T will participate in Air Force AEHF multi-service operational test and evaluation
- **2QFY13-2QFY15:** Continued upgrade and fielding of AEHF SMART-Ts

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)

FOREIGN MILITARY SALES

SMART-Ts:

Canada (19), Netherlands (7)

CONTRACTORS

Production and Spares:

Raytheon (Largo, FL)

Engineering Support, Management:

Raytheon (Marlborough, MA)

Circuit Cards:

Teledyne (Lewisburg, TN)

Filters:

Transtector Systems (Hayden, ID)

Amplifier Assemblies:

Spectrum Microwave (Marlborough, MA)

COMSEC:

L-3 Communications (Camden, NJ)

New Equipment Training/Fielding:

EPS Corp. (Martinez, GA)

Satellite Simulator:

Lincoln Labs (Lexington, MA)

Technical/Fielding Support:

Linquest Corp. (Colorado Springs, CO)

Admin/Tech:

JANUS Research (Belcamp, MD)

Technical:

Booz Allen Hamilton (Belcamp, MD)

