

# 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, and 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-T's are being upgraded to interoperate with AEHF satellites and it now provides data rates up to 8.192 million bits per second (Mbps). An FY12 production contract is planned to procure 46 additional AEHF-capable SMART-Ts, which will bring the total Army procurement to 324. The AEHF satellite system will dramatically increase the Army's end-to-end anti-jam communications throughput capability.

The Army's 324 SMART-Ts will be fielded at the brigade, division, and corps echelons in the Active, National Guard, and Reserve components.

## SYSTEM INTERDEPENDENCIES

### Other Major Interdependencies

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

## PROGRAM STATUS

- **1QFY11-4QFY11:** Upgrades to legacy EHF (Milstar-capable) SMART-Ts, giving them AEHF capability continues
- **1QFY11:** Began fielding of upgraded AEHF SMART-Ts
- **2QFY11:** Began development of acquisition package for the procurement of 46 AEHF SMART-Ts

## PROJECTED ACTIVITIES

- **2QFY12-2QFY14:** Continued upgrade and fielding of AEHF SMART-Ts
- **2QFY12-3QFY12:** Continued review and approval of acquisition package for procurement of 46 AEHF SMART-Ts
- **4QFY12:** Award contract for 46 AEHF SMART-T

- **2QFY13:** SMART-T will participate in Air Force AEHF multiservice operational test and evaluation

## ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

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



### FOREIGN MILITARY SALES

19 SMART-Ts for Canada, 7 SMART-Ts for Netherlands

### CONTRACTORS

#### Production and Spares:

Raytheon (Largo, FL)

#### Engineering Support, Management:

Raytheon (Marlborough, MA)

#### Circuit Cards:

Teledyne (Lewisburg, TN)

#### Filters:

Transtector (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 (Bellcamp, MD)

#### Technical:

Booz Allen Hamilton (Bellcamp, MD)

