

Joint Tactical Radio System Airborne, Maritime/Fixed Station (JTRS AMF)

INVESTMENT COMPONENT

Modernization
Recapitalization
Maintenance

MISSION

To provide scalable and modular networked radio frequency installed communication capability to meet Joint Service requirements through two Joint tactical radio (JTR) sets: Small Airborne (SA) and Maritime/Fixed Station (M/F) with common ancillary equipment for both radio form factors, aircraft such as the Air Force C-130, Army Rotary Wing, and Navy E-2, along with maritime and shore sites

DESCRIPTION

The Joint Tactical Radio System Airborne, Maritime/Fixed Station (JTRS AMF) will provide a four-channel, full duplex, software-defined radio integrated into airborne, shipboard, and fixed-station platforms, enabling maritime and airborne forces to communicate seamlessly and with greater efficiency through implementation of five initial waveforms (i.e., Ultra-High Frequency Satellite Communications, Mobile User Objective System, Wideband Network Waveform, Soldier Radio Waveform, and Link 16) providing data, voice, and networking capabilities.

SYSTEM INTERDEPENDENCIES

JTRS Network Enterprise Domain (NED) products and services; JTRS Ground Mobile Radio (GMR); JTRS Handheld Manpack and Small Form Fit (HMS); Multiple aircraft, maritime and fixed site platforms

PROGRAM STATUS

- **1QFY10:** Critical Design Review

PROJECTED ACTIVITIES

- **2QFY11:** Delivery begins for AMF SA engineering development models (EDM)
- **4QFY11:** Delivery begins for AMF M/F EDM

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Joint Tactical Radio System
Airborne, Maritime/Fixed Station
(JTRS AMF)**

Airborne and Maritime/Fixed Station

Increment 1 JTR Sets



Small Airborne (SA)

Maritime / Fixed Station (M/F)



FOREIGN MILITARY SALES

None

CONTRACTORS

- Lockheed Martin (Chantilly, VA)
- General Dynamics C4 Systems, Inc. (Scottsdale, AZ)
- BAE Systems (Wayne, NJ)
- Northrop Grumman (San Diego, CA)
- Raytheon (Waltham, MA)

