

Joint Tactical Radio System Handheld, Manpack, and Small Form Fit (JTRS HMS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides the warfighter with a software re-programmable, networkable multi-mode system-of-systems capable of simultaneous voice, data, and video communications and meets the radio requirements for Soldiers and small platforms, such as missiles and ground sensors.

DESCRIPTION

The Joint Tactical Radio System (JTRS) Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements of the Office of the Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Information Officer for a Software Communications Architecture (SCA) compliant hardware system hosting SCA-compliant software waveforms (applications). HMS is an Acquisition Category ID program that encompasses specific requirements to support Special Operations Command, Army, Marine Corps, Air Force, and Navy communication needs.

The Embedded Small Form Fit versions of HMS will be used for Joint Service Ground Sensor Networks, intelligent munitions deployment and usage, unmanned vehicles, and other platform applications, including support for the Early-Infantry Brigade Combat Team and Ground Soldier System technical performance and integration.

SYSTEM INTERDEPENDENCIES

In this Publication

Single Channel Ground and Airborne Radio System (SINCGARS); Nett Warrior (NW)

Other Major Interdependencies

SRW, HF, UHF SATCOM, MUOS, IMS; UGS using SRW and various legacy WF mixes

PROGRAM STATUS

- 3QFY09: Phase 1 limited user test (LUT)

PROJECTED ACTIVITIES

- 3QFY11: Phase 2 LUT
- 1QFY12: Phase 2 Milestone C decision

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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FOREIGN MILITARY SALES

None

CONTRACTORS

MP, 2 CH HH, SFFs -A, -B, -K, AN/PRC-154 (Rifleman Radio):

General Dynamics (Scottsdale, AZ)

2 CH HH, SFF-B, AN/PRC-154 (Rifleman Radio):

Thales (Clarksburg, MD)

SFF-A, -D, -K:

BAE Systems (Wayne, NJ)

MP, SFF-D:

Rockwell Collins (Cedar Rapids, IA)

PM Support:

Science Applications International Corp.
(SAIC) (San Diego, CA)

