

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

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides the Warfighter with a software reprogrammable, networkable multimode system-of-systems capable of simultaneous voice, data, and video communications that 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

Other Major Interdependencies
SRW, HF, UHF SATCOM, MUOS, IMS, UGS using SRW and various legacy WF mixes

PROGRAM STATUS

- **2QFY11:** Rifleman Radio (RR) Verification of Deficiencies (VCD)
- **3QFY11:** Milestone C (MS C)
- **3QFY11:** Manpack (MP) Limited User Test (LUT)

PROJECTED ACTIVITIES

- **1QFY12:** RR Initial Operational Test & Evaluation (IOT&E)
- **2QFY12:** RR Initial Operational Capability (IOC)
- **3QFY12:** MP IOT&E

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and 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)

