

MCTSSA

Marine Corps Tactical Systems Support Activity

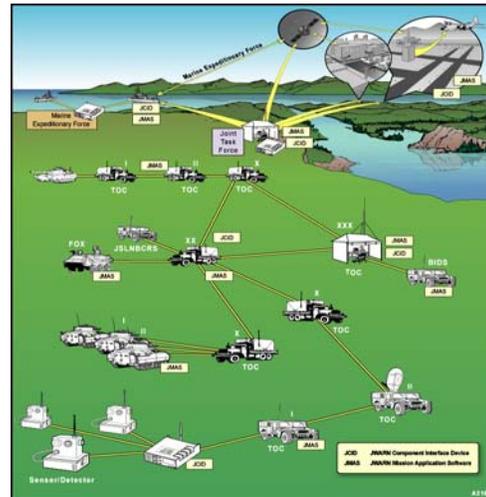


The **Joint Warning and Reporting Network (JWARN)** is a joint program under the Chemical, Biological Defense Program (CBDP) with full participation by the Army, Navy, Marine Corps, Air Force, and defense agencies. The JWARN will provide the commander with automatic warning, display, and Nuclear, Biological, and Chemical (NBC) effects analysis capabilities. It will be compatible and integrate with Service and joint Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems and networks. It will automate the NBC warning and reporting processes currently performed manually throughout the Services. The JWARN will consist of commercial off-the-shelf (COTS) and the JWARN Mission Applications Software (JMAS) for (C4ISR) and the JWARN Component Interface Device (JCID) hardware. The JWARN is being developed for deployment with NBC detectors and sensors for the following battlefield applications: combat and armored vehicles, tactical vehicles, vans, shelters, ships, and semi-fixed and fixed sites.

Background: Joint Program Manager, Information Systems (JPM-IS), was directed by the Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD), to assume program management responsibility from the Marine Corps Systems Command (MARCORSYSCOM) upon successful completion of Milestone "B", (July 11, 2003).

JWARN Initial Capability (JIC) will be completed in late FY04. The JWARN Full Capability (JWARN-FC) system will be developed as a single increment. The development phase will be followed by a P3I. Based on the 4QFY03 contract award, System Design and Development (SDD) will be conducted during FY04 and FY05

JWARN Block II Fact Sheet



with Developmental Testing and Operational Testing (DT/OT) occurring late FY06 followed by MS "C" review. Late FY06 through early FY07 is dedicated to Low Rate Initial Production (LRIP), Initial Operational Test and Evaluation (IOT&E), report to Congress, and the Full Rate Production (FRP) decision. IOC will occur by 3QFY07.

MCTSSA Support: MCTSSA provides engineering support for integration and interoperability during the development of the JWARN II. JWARN II will be tested in MCTSSA's Systems Integration Facility to assess its interoperability within the Marine Corps' MAGTF C4ISR system and network architecture. Once fielded, MCTSSA will provide technical support to the Operating Forces through its Helpdesk and Operating Forces Support Division.

info:

Technical Support Officer:
(760) 725-2349
DSN 725-2349



Box 555171
Camp Pendleton CA 92055-5171
www.mctssa.usmc.mil