

Lightweight Forward Entry Device (LFED)/Forward Entry Device (FED)

"C3I System Architect for the Digitized Army"
"Leading the Army into the Millennium"



PROJECT MANAGER INTELLIGENCE AND EFFECTS

MISSION

The Lightweight Forward Entry Device (LFED)/Forward Entry Device (FED) is a programmable input/output device used for composing, editing, transmitting, receiving and displaying alphanumeric and graphic messages for transmission over standard military radios. Forward Observer System (FOS) software enables users to plan, control and execute fire support operations at maneuver platoon, company battalion and brigade levels.

DESCRIPTION AND SPECIFICATIONS

The LFED/FED are an integral part of the digitized system architecture. It provides the vital sensor-to-shooter link required for effective fires. The FED/LFED also provides critical situational awareness for forward deployed field artillery units. It provides the initial digital entry device required for Forward Observers



FOS hosted on an RHC

(FO), Fire Support Teams (FIST), Fire Support Officers (FSO), battery level commanders and Combat Observation Lasing Team (COLT).

The LFED/FED program provides the hardware platform to support DoD mandated Interoperability/Army digitization requirements (to include implementation of the MIL-STD-188-220 protocol and Variable

Message Format messages) and C4I technical architecture requirements. It is used in the Heavy Divisions by the Forward Observer (FO), Field Artillery (FA) Battery Commanders and Fire Support Team (FIST) personnel.

FOREIGN COUNTERPART

United Kingdom: Data Entry Device (DED)

FOREIGN MILITARY SALES

On-going discussions with Portugal and Bahrain.

PROGRAM STATUS

Division XXI Advanced Warfighting Experiment (DAWE - Nov 97)
Forward Observer System (FOS) software - First Unit Equipped (FUE) - 4QFY99

PROJECTED ACTIVITIES

FOS Version 7.1 Software - System Delivery - 2QFY05



LFED mounted in vehicle

PRIME CONTRACTOR(S):

Hardware: CHS II Handheld Terminal Unit (HTU) and Ruggedized Handheld Computer (RHC)

- General Dynamics (Tauton, MA)
- Northrop Grumman (San Diego, CA)
- Talla-Tech (Tallahassee, FL)

Software:

- TELOS (Lawton, OK)

POINTS OF CONTACT

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