

Fire Support Terminal Unit (FSTU)

"C3I System Architect for the Digitized Army"

"Leading the Army into the Millennium"



PROJECT MANAGER INTELLIGENCE AND EFFECTS

MISSION

Fire Support and Field Artillery OPFACs employ the FSTU when size and environmental requirements demand a portable, 4 channel, ruggedized device with processing capabilities. The FSTU will be used to compose, edit, transmit, receive, store and display messages, process data, and monitor status used in the conduct, planning and execution of FS operations. The FSTU will be used by OPFACs that require fewer functions than that provided by the Fire Support Coordination (FSCoord) tool and more interface capabilities than that provided by the LFED. Forward Observer System (FOS) software enables users to plan, control and execute fire support operations at company battalion and brigade levels.

DESCRIPTION AND SPECIFICATIONS

The FSTU is an integral part of the digitized system architecture.



FSTU mounted in a BFIST

It provides the vital sensor-to-shooter link required for effective fires. The FSTU also provides critical situational awareness for forward deployed field artillery units. It provides the initial digital entry device required for Fire Support Teams (FIST), Fire Support

Officers (FSO), battery level commanders and Combat Observation Lasing Teams (COLT). The FSTU is also used within BFIST/Knight and Stryker Teams.

The FSTU 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 and Motorized Divisions by the 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



FSTU mounted in a Knight

PRIME CONTRACTOR(S):

Hardware: CHS Lightweight Computer Unit (LCU) and Stand-alone Computer Unit (SCU)

- General Dynamics (Tauton, MA)
- Northrop Grumman (San Diego, CA)

Software:

- TELOS (Lawton, OK)

Fielding:

- EPS (Lawton, OK)

POINTS OF CONTACT



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