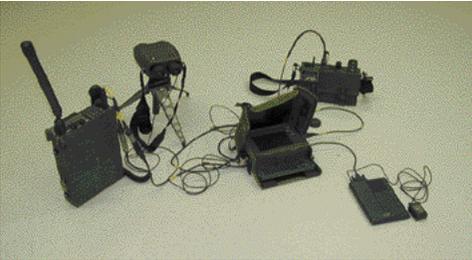


➤ Target Location, Designation and Hand-Off System (TLDHS)

DESCRIPTION

The Target Location Designation and Hand-Off System (TLDHS) is a man-portable, automated equipment suite that consists of a Day/Night Target Location Module, a Target Designation Module, and a Target Hand-Off System residing in a ruggedized handheld computer. It will allow Fire Support Observers/Controllers to accurately acquire and locate targets, designate them with a laser, and then digitally transmit target data to fire support platforms and agencies.



OPERATIONAL IMPACT

TLDHS increases the accuracy and timeliness of fire support and improves the

effects of fires on targets for surface- and air-delivered munitions. It reduces the risk of fratricide by providing more accurate observer and target-location data. TLDHS also enhances operator mobility due to its modular system design and its reduction in equipment size and weight when compared to existing systems. In addition it will reduce fire support logistics requirements, because less ammunition will be needed to obtain required effects on targets.

PROGRAM STATUS

The TLDHS Program was recently restructured and will be fielded using a block approach. Block I will provide a target location and digital hand-off capability with MAGTF close air support. Block II will provide laser designation capability and digital hand-off capability for artillery missions. Block III will provide interoperability with naval fire-control systems and digital hand-off with US Navy and US Air Force tactical aircraft.

PROCUREMENT PROFILE

Quantity:

FY03

TBD

FY04

TBD

DEVELOPER/MANUFACTURER

Laser Designator: Northrop Grumman Litton Laser Systems, Apopka, FL

THS Software: Synetics Corporation, King George, VA

Ruggedized Handheld Computer: General Dynamics, MA

Laser Range Finder: Ashbury International, Sterling, VA

Radio: Harris RF Communications, Rochester, NY