

MARINE CORPS WARFIGHTING LABORATORY

The **Target Handoff System (Experimental) (THS(X))** provides a universal combined arms targeting software that enables precision target location and digital mission handoff to fire support agencies.

Background: The Lab has supported the Marine Corps Systems Command by developing the third-phase material solution to the Target, Location, Designation Handoff System Operational Requirements Document. The best components of three Lab efforts—the Advanced Close Air Support System, Universal Combined Arms Targeting System and Precision Target Acquisition Mobile and the Marine Corps System Commands (MCSC) Block I and II software—have been combined into the THS(X) effort. THS(X) fulfills the MCSC Block III requirement for the Target, Location, Designation Handoff System and the Family of Interoperable Operational Pictures (FIOP) Task II. In June 2002, the Lab and Marine Corps Systems Command established a technology transition agreement to transition THS(X) into the TLDHS program.

Description: THS(X) is comprised of the following components:

1. A ruggedized, handheld computer with an embedded Global Positioning System (GPS), laser range finder and radio. The system can process a lased target as a fire mission for ground, air and naval surface fires simultaneously or separately, then pass that fire mission digitally to the firing agencies/aircraft.
2. A simplified and intuitive graphical user interface to ensure faster response/training.
3. Scalable, color-map display with GPS centering for advanced situational awareness, mission execution and safety planning.
4. A command and control personal computer (C2PC) operating environment.
5. Precision fire control interoperability to support the family of interoperable operational picture's architecture and philosophy.

TARGET HANDOFF SYSTEM (Experimental)

fact sheet



Deliverable Product(s): THS(X) will provide the software that meets the TLDHS acquisition plan for Block III and beyond requirement.

info: **Public Affairs Office:** (703) 784-5170
DTD: July 24, 2003, njr



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