

# TOPOGRAPHIC PRODUCTION CAPABILITY

## DESCRIPTION

The Topographic Production Capability (TPC) is a three-tiered, advanced geospatial information system, employing commercial computer hardware and software to provide the framework for the MAGTF commander's common operational picture (COP). The TPC generates digital products for electronic dissemination through the C4I infrastructure, and also provides a low volume replication capability for traditional hard copy map products. The TPC program also includes the high-order survey equipment for the Marine Topographic Platoons.



## OPERATIONAL IMPACT

The upgraded TPC provides the Marine Corps with advanced processing platforms and software in scalable and deployable configurations designed to support MAGTFs in today's asymmetric warfare environment. It replaces outdated equipment in three Topographic Platoons that could no longer provide the processing power required of modern survey, cartography, mapping, and imaging software packages.

## PROGRAM STATUS

The TPC is a Marine Corps abbreviated acquisition program. TPC achieved initial operational capability in September of 2002. Additional units were delivered in October 2002 and July 2003. Additional TPC equipment will be provided to the Marine Corps Intelligence Activity to support Fleet activities, and the Marine Corps training establishment will receive TPC-like equipment to support the Topographic School.

### PROCUREMENT PROFILE:

Quantity:

FY 04

0

FY 05

2

### DEVELOPER/MANUFACTURER

Commercial hardware and software:

Northrop Grumman Information Technology-TASC, Chantilly, VA

Subcontractors:

Software training: InfoTech Enterprises, Inc., Tucson, AZ

Program support: Northrop Grumman IT, Stafford, VA

Titan Systems Corporation, Stafford, VA

I2P2 support: General Dynamics, Dumfries, VA