

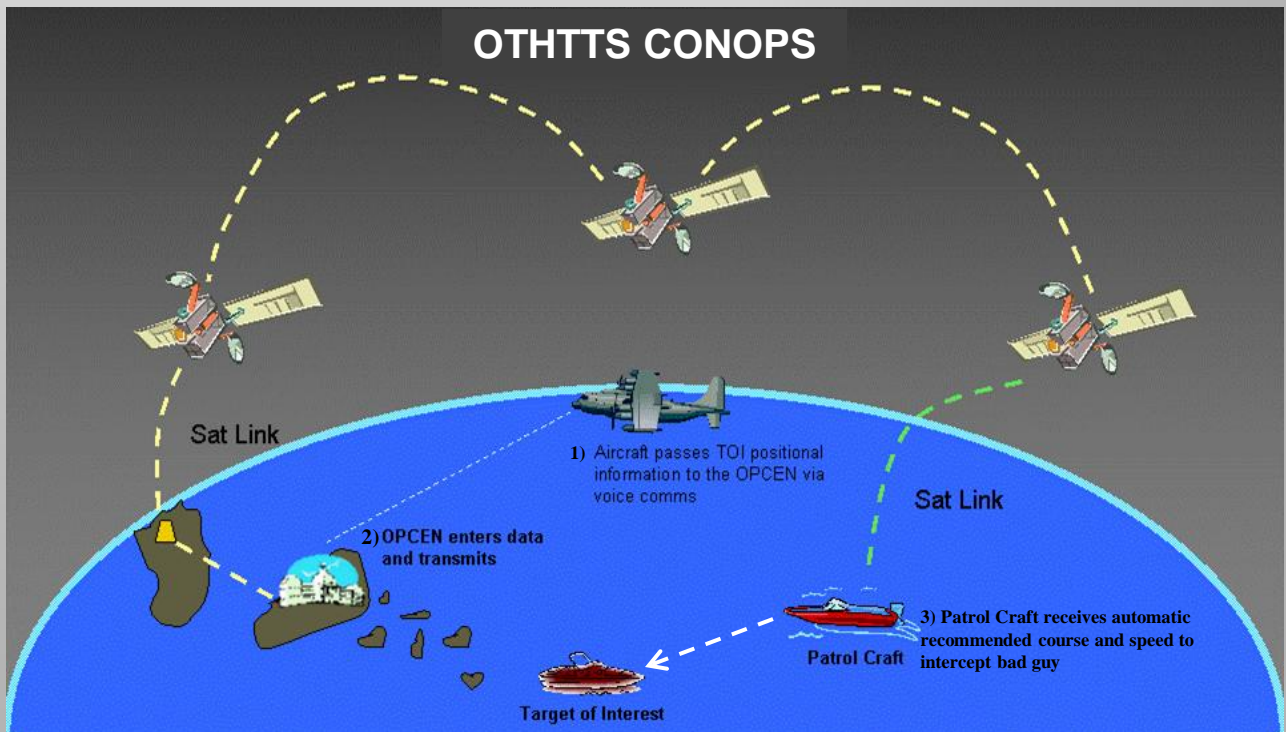
Over the Horizon Tactical Tracking System (OTHTTS)

System Overview

OTHTTS is an integrated maritime C2 / Navigation system which provides target vectoring between an Operations Center (OPCEN) and a number of interdiction craft (manned or USV). OTHTTS uses satellite communications, ruggedized hardware, and DoD owned software. The OPCEN can be based on land, overhead, or at-sea.

OTHTTS was developed to enhance maritime safety and security by replacing inefficient RF voice directed interdictions with a system which provides real-time texting, situational awareness of deployed assets, hands-free target vectoring, and electronic charting.

The boat package consists of a ruggedized computer loaded with DoD compliant maritime navigation capability, communications software, a sunlight visible / night dimmable monitor with custom bezel button wrap, and satellite communications.





COGENT Navigation Software



OPCEN Computer



Ruggedized Bezel Button Monitor



COM Express Computer

OTHHTS Benefits:

- Enhanced communications between OPCEN and patrol craft
- More effective interdiction via Closest Point of Approach (CPA) algorithms
- Enhanced safety / situational awareness
- Navigation quality electronic charts
- Reduction in patrol craft fuel consumption
- Enhanced interagency / international communications

Integrated Display Provides:

- Target data as transmitted from OPCEN
- Automatic vectoring of the patrol craft to intercept suspect vessels without slowing to receive target information via voice comms
- Freedom from manual plotting
- Reduction of language barriers
- Bezel buttons to permit operation in heavy sea states
- Transflective sunlight-readable LCD panel
- Day and night modes - NVIS compatible
- Fully dimmable display - night: 0.3-10 nits, day: 10-550 nits

COM Express Computer:

- 2.2 GHz Core2 Duo Processor
- 4 GB Memory
- Marine Grade IP67 Case
- MIL connectors
- 37-65 Watts typical
- -20C / +55C operating environment
- 30G shock tolerant; Sea State 5
- 6 USB ports
- Small size / weight (5.25"x2"x6" - 2.75 lbs)

Targeted Missions:

- Counter-Narcotics / Piracy / Terrorism
- Energy Security
- Human Trafficking
- Force Protection

For more information, please contact:
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