

targetmaster®

a new tool for maritime interdiction

Targetmaster® combines open-architecture interfaces, embedded firmware, ruggedized hardware and COTS navigational sensors to provide a flexible, scalable solution.

Defined and tested on the water, this novel navigation aid combines traditional “Maneuvering Board” functions with a highly-capable target-tracker.



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Driving directions are presented to the coxswain in a simple, easily understood, heads-up display. Engaging the target is accomplished in three steps: acquire, track and intercept. With an existing COTS ARPA / AIS system, an operator can acquire a target or manually enter parameters. The integrated tracker generates real-time navigation solutions. The operator can intercept targets against automatically validated craft performance and current conditions.

Targetmaster® can be deployed as a standalone or a fully integrated glass-helm configuration. Future-proofing through industry standard interfaces allows access to state-of-the-art COTS sensor technology.

Features:

- NMEA 2000, MIL-STD-810F, IP67 Specifications
- Compact, Reliable, Scalable
- Agile and precise
- Easy to use

Benefits:

- Improves intercept precision through continuous updates
- Increases mission flexibility by simultaneously tracking multiple targets
- Reduces operator workload and enhances Situational Awareness by automating target dead-reckoning, track updates and projections
- Accelerates precise performance-validated intercept calculations
- Increases force agility and responsiveness
- Enhances navigator-to-helmsman communication through simple graphical representation of steering
- NVIS compatible HMI
- Minimal training
- Utilizes COTS chartplotters and sensors
- Integrates advanced MOB, image-annotation and meta-data logging capabilities to enhance mission scope and capability

Simplified steering correction via the Azimuth "Meatball Node" - NVIS, Heads-Up Navigation aide for the Coxswain

