

LIQUID ROBOTICS

instrument the ocean



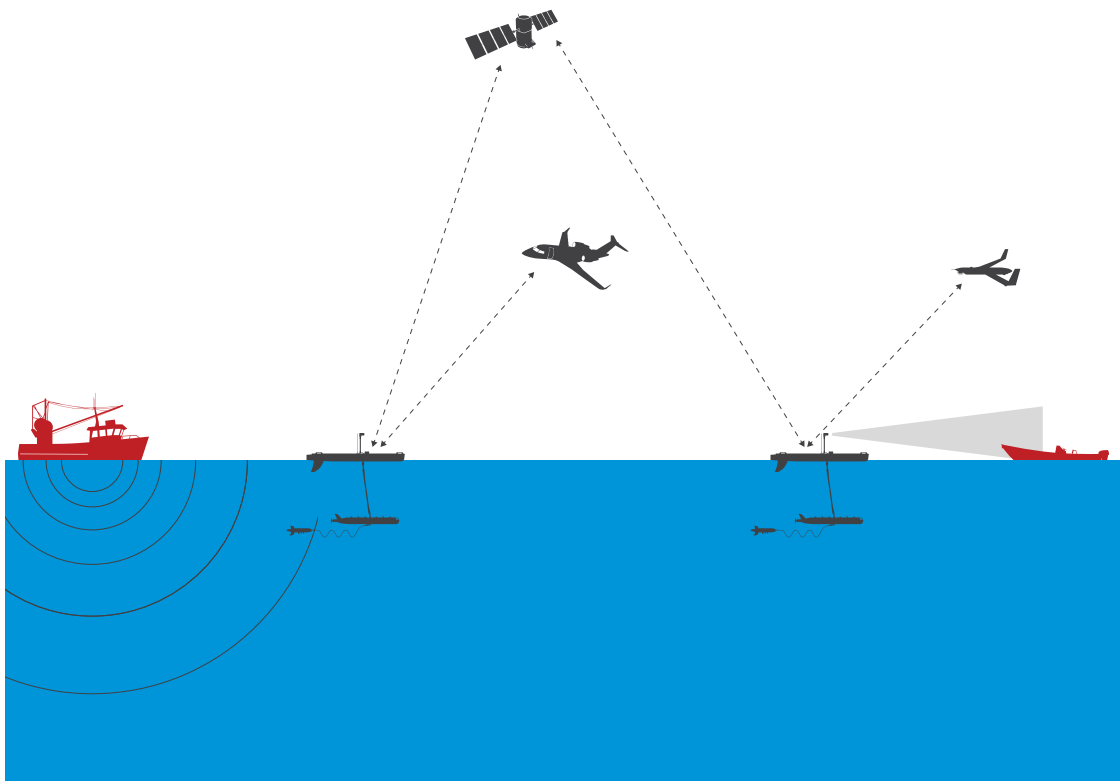
MARITIME DOMAIN AWARENESS

Despite massive spending each year on MDA, illicit maritime trade totals over \$1.5 trillion annually. Reduced budgets mean maritime security forces are simply under-resourced to cover the demands of 53 million square miles of Exclusive Economic Zone (EEZ). These security forces face threats that are faster, more diverse and harder to detect than ever and the risks from these threats only grow each year.

A NEW APPROACH TO MDA

We offer a disruptive solution addressing each MDA threat and solving the cost and resource challenges facing maritime security forces.

- Detection and localization of surface threats
- Allows high-value assets to be focussed on interdiction instead of detection
- Force multiplier
- Maximizes return on investment through low acquisition and operating costs
- Provides continuous, all-weather surveillance



CONCEPT OF OPERATIONS

Wave Gliders equipped with towed passive-acoustic sensors are deployed in order to detect surface vessel threats.

High-definition on-board surface cameras and AIS receivers are used for secondary verification.

On detection of surface vessel threats, Wave Gliders provide tip/cue information to other high-value enforcement assets.

Liquid Robotics, Inc.

1329 Moffett Park Drive, Sunnyvale, CA 94089, USA
+1 408 636 4250 • info@liquidr.com • www.liquidr.com