

ANTI-SUBMARINE WARFARE

Anti-submarine warfare remains the linchpin of sea control. Despite considerable spending, many navies are unprepared to address 21st century submarine threats that go beyond deep-water conflicts.

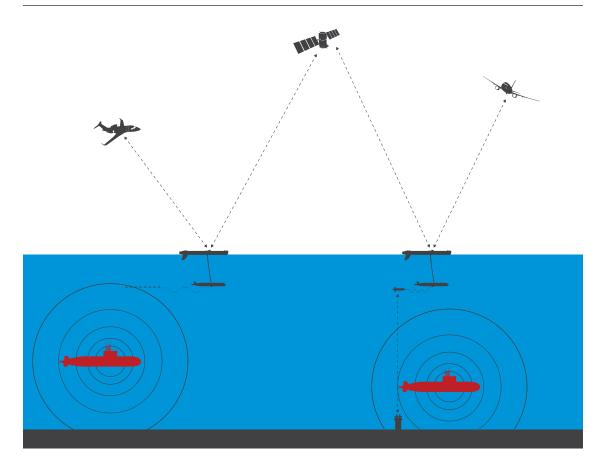
Initial detection, always the most challenging aspect to ASW, is more complex than ever. And pressured defense budgets are requiring forces to do more with less.

A NEW APPROACH TO ASW

We offer a revolutionary solution that solves the challenges of initial detection and maximizes the return on ASW budgets. Wave Gliders provide coverage of both littoral and deep-water environments.

- Long duration, persistent acoustic surveillance
- Tipping & cueing of manned assets
- Improved protection and stand-off range
- Seamless detection and response
- Improved costs and detection probability





CONCEPT OF OPERATIONS

Concept 1. Wave Gliders equipped with towed passive-acoustic arrays are deployed in order to detect submarine activity. **Concept 2.** Wave Gliders towing acoustic comms links provide a seafloor-to-space communications gateway for seabed node detection of submarines Data gathered from towed arrays or comms nodes is relayed to other mission assets, including satellites, aircraft and vessels.

Liquid Robotics, Inc.

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