

THE VALUE OF PERFORMANCE.

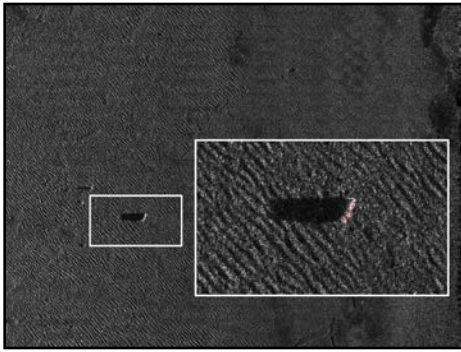
NORTHROP GRUMMAN



AN/AQS-24B Airborne and Surface Minehunting System

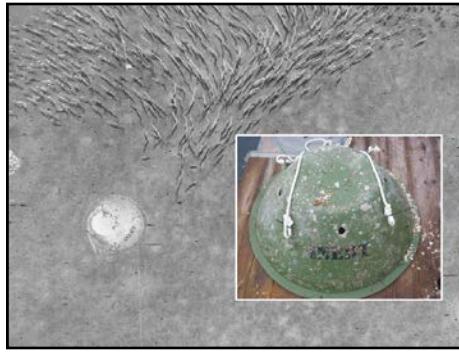
*Advanced Capability and Performance
Meeting the Current and Future
Minehunting Challenges of the
U.S. Navy and Coalition Partners*

- The only deployed and operationally proven, high-speed, airborne and surface towed minehunting system in the world
- State-of-the-art high resolution, High Speed Synthetic Aperture Sonar for real time detection, localization and classification of bottom and moored mines at high area coverage rates
- Laser Line Scanner provides precision optical identification of underwater mines and other objects of interest
- Simultaneous operation of laser with sonar provides gap-filling capability
- Advanced navigation controls/processing for high accuracy target positioning
- Rapidly deployable and flexible, having been successfully towed from aircraft, surface ships and remotely operated vehicles
- State-of-the-art digital electronics in the towed body enable onboard beamforming for increased resolution at extended ranges in shallow and deep water
- Operator console with two 21-inch 3MP medical grade flat panel displays for viewing of high quality laser video and sonar imagery
- High-end COTS server-based processing with high speed digital recording and high bandwidth telemetry
- Operator controls enabled through on-screen menus
- Thousands of tow hours logged from a variety of platforms (AQS-14 and AQS-24)
- Common Mission Analysis Station with high-end COTS workstation and 30-inch 6MP medical grade flat panel display for near-real-time and post mission data analysis



High Resolution Sonar

- High Resolution Synthetic Aperture Sonar (18 knot)
- Object Detection, Localization and Classification
- Target Box Cueing



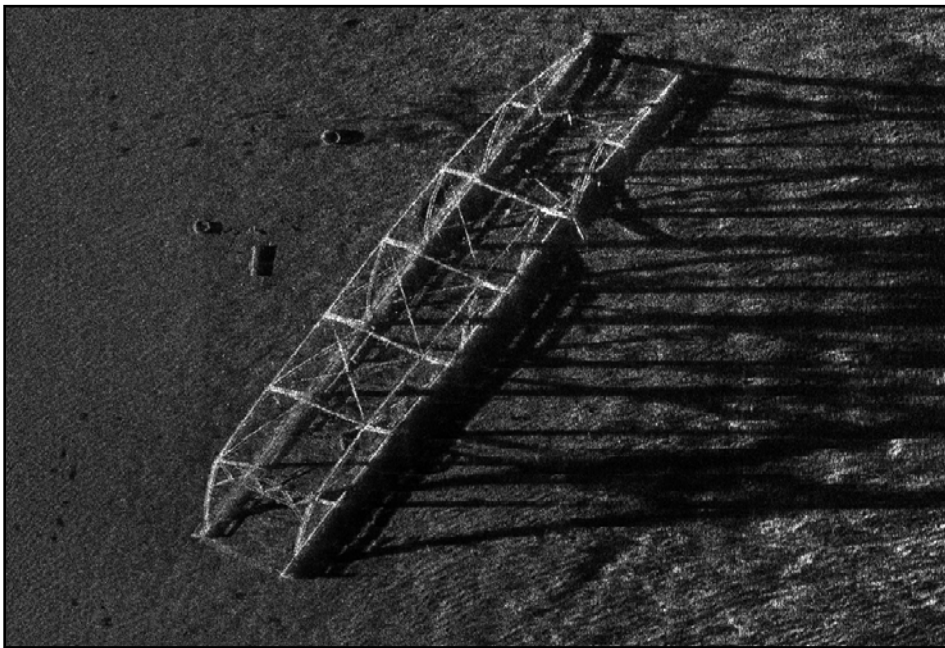
Laser Line Scanner

- <1" Resolution
- High Speed Operation
- Optical Imagery for Target identification
- Field Proven / COTS Based

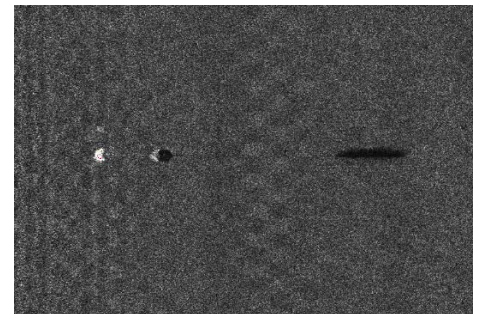


Common Mission Analysis Station

- Portable Sonar/Laser Analysis
- Tactical Plot of Search Area
- Target Log Data Base
- Target Cue Boxes
- Digital Imagery for Quick Dissemination



Higher resolution allows for greater fidelity in undersea object imaging



Tethered Mine with Anchor

For more information, please contact:

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