



professional gear for undersea naval explores

## Detecting what's below

### Under-surface surveillance

RESON sonar gear provides you the capability of securing and protecting harbours through route surveys, object detection, mine avoidance and diver detection. With a high resolution multibeam solution you can be sure you know what is down there – every time.

## RESON A/S

### – Expedition Ready Solutions for Under-surface Surveillance

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RESON was founded in 1976 and has become one of the world's leading designers and manufacturing companies of underwater acoustic systems. RESON offers a comprehensive product line of systems and components for underwater acoustic applications. In particular, RESON has become a recognized supplier of real-time multibeam imaging sonar systems.

Typical applications for these integrated real-time multibeam bathymetric sonar systems:

- Mine Counter Measures (MCM)
- Mine Warning and Obstacle Avoidance (OAS)

- Waterside Security Systems (WSS)
- Tactical Seafloor Mapping
- Search and Rescue (SAR)
- Rapid Environmental Assessment (REA)

Other RESON products used within defense and security:

- Sonar heads for torpedoes
- Hydrophones for passive submarine sonar arrays
- Low-noise, low power hydrophones for detecting mines
- Transducers for echosounders
- Underwater communication transducers for telemetry links, navigation and positioning
- Narrow beam high power transducers

RESON has a network of experienced, leading edge technology and integration partners on whom it draws for large scale projects to ensure the highest level of performance and project security. Naval users can be served through either modified commercial off the shelf (COTS) sonar systems; stand alone custom built systems or a combination of both. Projects may vary in size from simple sonar installations to integrated multi mission sonar as part of Command & Control System.



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