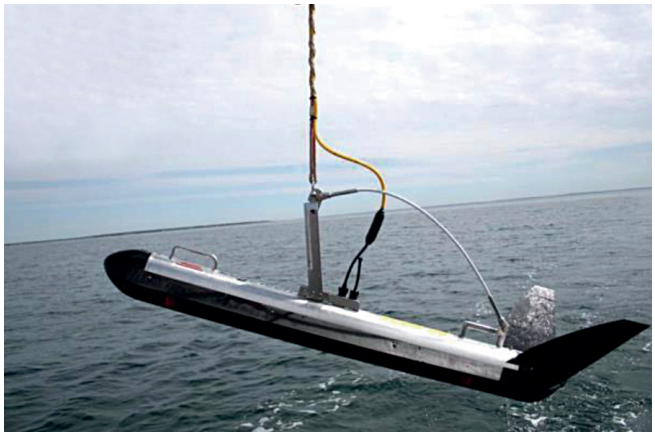
# MARINE GEOPHYSICS

**SEATERRA** offers a wide range of marine surveying technologies for geophysical and marine surveying. Along with SeaTerra survey vessels we offer the complete services for seabed investigation ranging from reconnaissance to detailed surveys.

## SENSORS

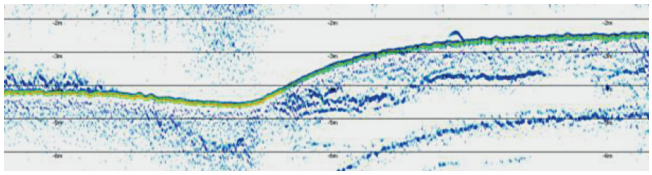
The SeaTerra equipment pool encompasses a large variety of marine geophysical and surveying instrumentation.

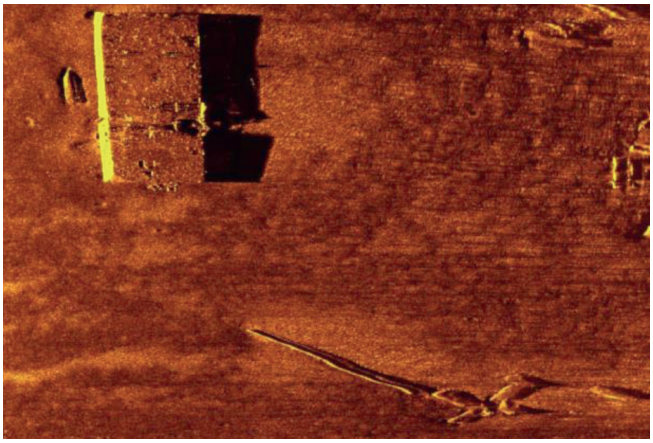
- Total Field Magnetometers (TMI)
- Vertical- and Horizontal Gradient Magnetometers
- Time Domain Electromagnetic Sensors (TDEM)
- Side-Scan Sonar
- Multi-Beam Sonar
- Blue-View Sonar
- Sub-Bottom Sonar



## EQUIPMENT

- G882 Marine Magnetometers
- Marine TDEM Time Domain Systems
- M500 und V8 Offshore ROVs
- ROTV towed platforms
- Heading sensors
- DGPS Systems
- Edgetech and C-MAX Side-Scan Sonar
- 6205-Edgetech Multi-Beam Sonar
- Innomar SES2000 Sub-Bottom Sonar
- Edgetech ORE Bats underwater positioning
- Geometrics Seismic System
- Video and Sonar Imaging (Blue View)

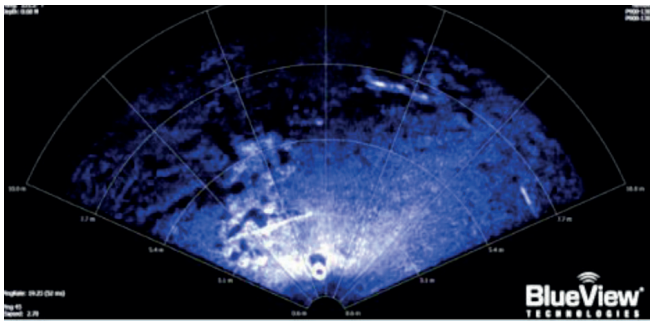




## APPLICATIONS

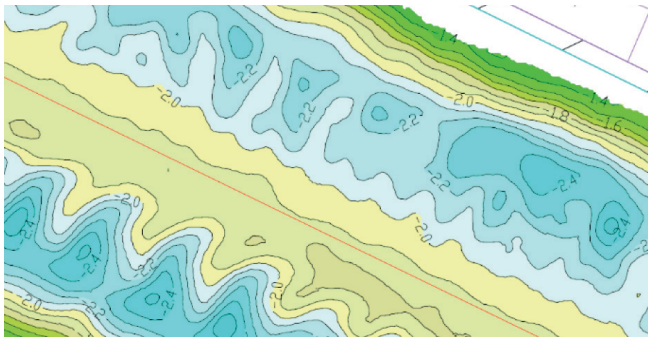
SeaTerra's high resolution marine survey services including

- Reconnaissance sea bed investigation
- Geological sub-sea investigation
- Route, cable and pipeline surveys
- Survey for Dredging Operations
- Nautical Charting / Hydrographic Surveys
- Obstacle + target detection / Debris Search
- Detailed investigation of structures
- Scientific investigation




## SOFTWARE

A variety of software packages are used for data processing and chart generation. All geophysical information is generally added to an ESRI ArcGIS or GEOSoft data base.





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