

Multibeam and BlueView surveys

► High resolution multibeam surveys and BlueView sonar scanning. Own equipment, vessels, surveyors and processing.

Peter Madsen Marine Contractors offer a range of high resolution seabed survey services utilising owned equipment as well as in-house hydrographic surveyors and processing capabilities.

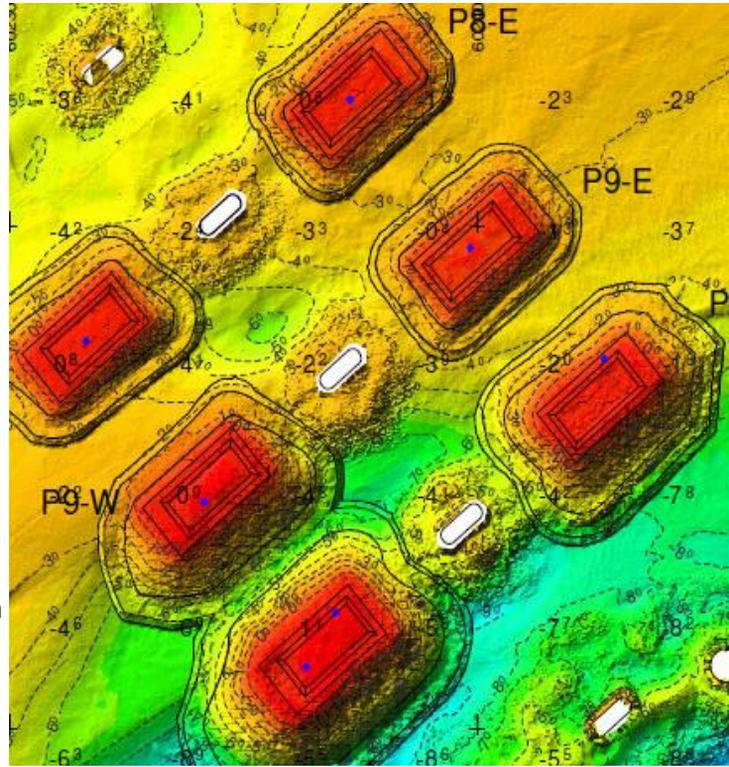
We use Teledyne Reson's SeaBat T50-R multi-beam echosounders which are mounted on either company owned work vessels or our motorboat suitable for very shallow water operations.

The SeaBat T50-R is fully frequency agile from 190 to 420 kHz and offers an across-track receiver beam width of 0.5-1.0 degrees and 50 pings/s.

Our survey capabilities are available as a stand-alone service or in combination with our marine contracting activities. This enables rapid validation as works progress.

Hydrographic or bathymetric survey results can be delivered as both data files and 2/3D survey plots in high resolution depending on client requirements.

We also offer underwater video and BlueView sonar scanning providing images of subsea conditions such as during seabed clearance or the placement of scour protection.



- MBES systems owned and operated by us
- Surveys offered as stand-alone or integrated service
- Seabed mapping in ports and fairways
- Pre- and post construction surveys at offshore wind farms and other marine construction sites
- Systems are mounted on most large work vessels
- Trailer inshore vessel for shallow water operations
- Data processed in-house for speed and accuracy
- Integrated with vessel's PDS2000 guidance system

Examples of projects

- Arkona OWF (DE)
MBES surveys, BlueView sonar scanning
- Forth Bridge (UK)
MBES for scour protection
- Esbjerg, Asnæs, Stignæs (DK)
Regular harbour MBES surveys
- NordStream1 gas pipeline (DE)
Full survey package for reefs and seabed



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