



ECHOES 1500

LOW FREQUENCY SUB-BOTTOM PROFILER SOLUTION

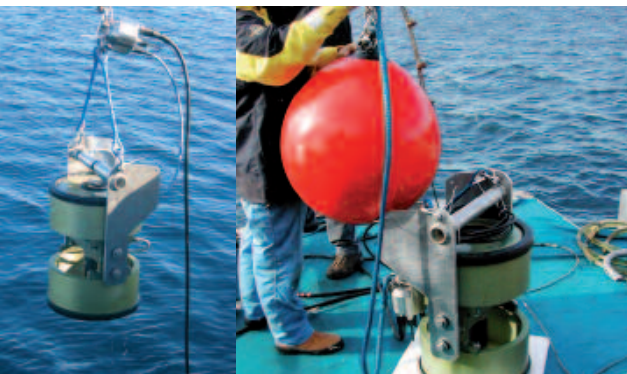
Successor of the boomer / sparker technology, featuring a single transducer repeatable sound source, ECHOES 1500 is a handy turnkey survey solution with towing system. It includes DELPH SEISMIC ACQUISITION and turns into a full-feature survey tool with DELPH SEISMIC INTERPRETATION productivity software.

FEATURES

- Full package: antenna, rugged rack, towing buoy system, PC and software
- Flat-spectrum, high-directivity CHIRP antenna emission
- 27 cm resolution
- Databasing of all information

BENEFITS

- Easy setup turnkey survey solution
- Very low profile distortion
- Unparalleled data quality at full ocean depth
- Ready for DELPH SEISMIC INTERPRETATION



DELPH SEISMIC ACQUISITION

- CHIRP selectable
- 24 bit raw data
- Segy 32 bits floating point
- Multi-ping management
- GPS and motion sensor interface
- Real-time waterfall



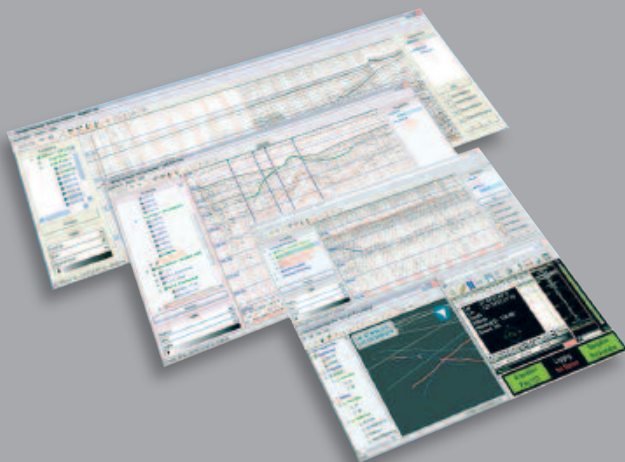
- #### APPLICATIONS
- Shallow water to full ocean depth survey
 - Offshore mining, cable route investigation
 - Environmental and continental shelf survey

ECHOES 1500

TECHNICAL SPECIFICATIONS

PERFORMANCE

Operational depth	From shallow water to full ocean depth
CHIRP center frequency	1500 Hz
Transducer type	Janus Helmholtz
Antenna configuration	Single transducer
Frequency range	300 – 3000 Hz
Resolution	27 cm
Pulses	User selectable and defined
Bandwidth	2700 Hz
Dimensions (Ø x H)	500 x 800 mm
Weight in air / water	84 kg / 60 kg
Typical mount	Towed with buoy system
Antenna depth rating	6,000 m
Power	3 kW



Make the most of the ECHOES system and improve productivity with DELPH SEISMIC INTERPRETATION:

- Display and process long survey lines
- Perform easy profile correlations
- Eliminate interpretation bottlenecks
- Produce faster survey reports

Please refer to DELPH SEISMIC INTERPRETATION brochure