Echoes 3 500 T7
High-resolution sub-bottom profiler for full ocean depths

Echoes 3 500 T7 is a high-performance sub-bottom profiler offering high-resolution seismic reflection data. Its 7 transducers provide unique quality data from shallow to deep sea environments regardless of the seabed topography.

**HIGH QUALITY SEISMIC DATA**
- True flat bandwidth ultimate resolution capacity and power efficiency
- Chirp spectrum coverage of 1.7 to 6kHz
- Vertical resolution 20 cm
- Penetration up to 150 m in clays (@ 1,000m water depth)
- Penetration up to 40 m in sand (@ 1,000m water depth)

**FULLY OPERATIONAL**
- Perfect positioning and heave compensation
- Compatible with any bathymetric echosounder
- Hull-mounted systems
- Modular configuration

**DELPH SEISMIC SOFTWARE**
- All-in-one optimized geophysical processing and interpretation
- Easy access to all data collected for geologists and geophysicists
- Compatible with leading industry sensors and formats
- Best possible 2D/5D QC
- Visualization and reporting capabilities

**APPLICATIONS**
- Deep water oceanography
- Sedimentology and paleoseismology
- Marine platforms implantation
- Route/boulder clearance
- Pockmark detection
- Seabed roughness
- Bedrock depth
This high-resolution seismic profile was acquired at about 2500m water depth in the Marmara Central Basin with an Echoes 3500 T7 onboard of the R/V Le Suroit Ifremer/Genavir in 2009.

a) Earthquake-derived deposit (homogenite) is indicated by black arrows.

b) Map of the Sea of Marmara showing the location of the area given in c).