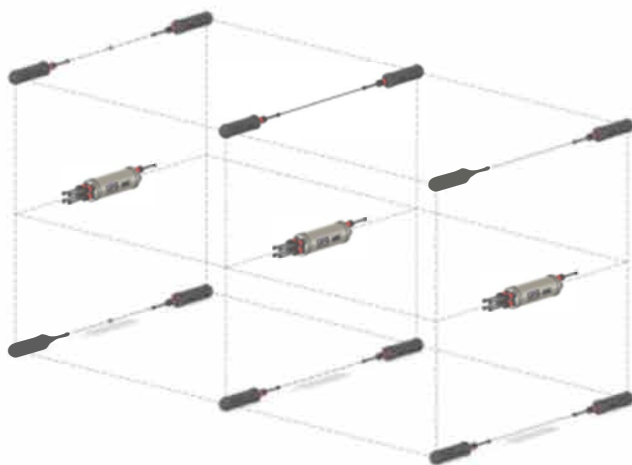




Hypermag

The Ocean Floor Geophysics (OFG) Hypermag system is a subsea magnetometer sensor array combined with a proprietary software algorithm that allows for real-time magnetic measurements that are compensated for the disturbances from the host vehicle caused by heading, attitude, electric currents, and/or servo motors. Individual sensors are synchronously sampled across each set of two (2) or four (4) magnetometers to allow real-time gradient measurements on suitable platforms.

The system is available in 1000m or 6000m depth-rated versions for tight integration into your subsea platform, avoiding the operational and navigation problems associated with multi-body and soft line tows behind the subsea vehicle. Improved sensitivity and discrimination of magnetic signatures is made possible by combining multiple 3-vector sensors to measure total field, gradients and magnetic vectors in multiple geometries.



UXO, pipeline and AC/DC
cable depth of burial



Proprietary real-time
compensation



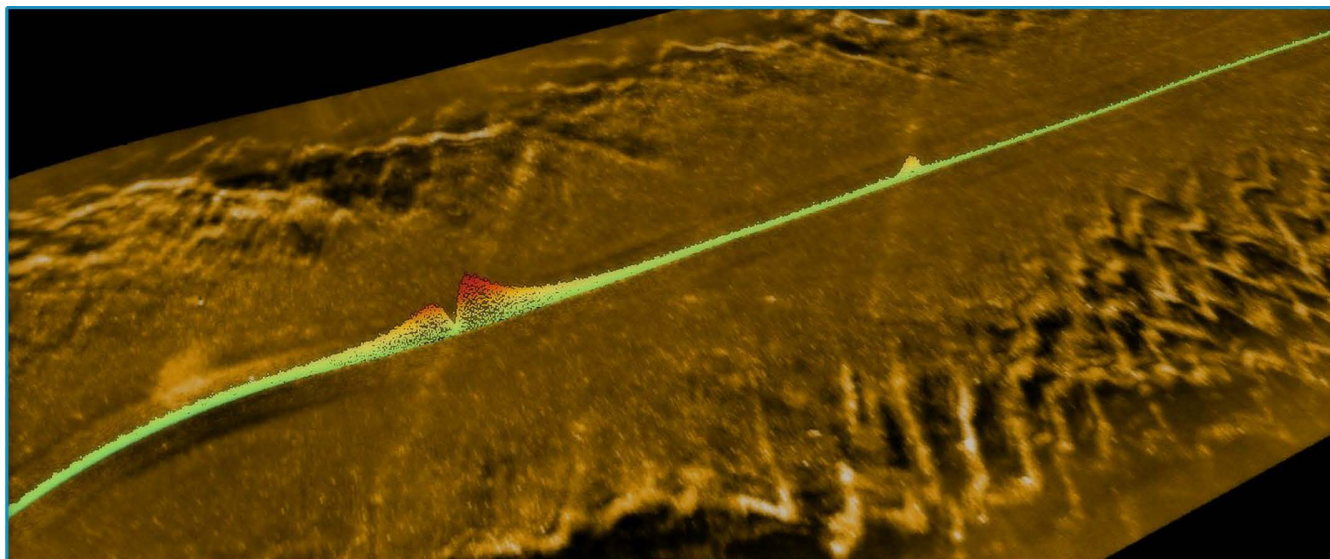
High-sensitivity,
high-frequency, total field
and vector magnetometers



Tight integration with
subsea platforms

Power Cable Detection and Depth of Burial

Crossings of two AC cables acquired with the Hypermag and Solstice sidescan on the EIVA Viperfish



Tailored Configuration

Sensor geometry can be optimized for your needs with vertical, horizontal and inline gradients. Sensors can be rigidly attached to your platform, improving positional accuracy and eliminating the risks of multi-body soft tows.

Scalable Solutions

Individual sensing units can be combined into synchronized arrays of multiple units optimized for the application and your subsea platform.

DIVERSE APPLICATIONS

UXO/MCM detection

Cable mapping
& depth of burial

Pipeline mapping
& depth of burial

Search

Archaeology

