



Complete Geophysical Measurements

Thanks to the overwhelming success of our P-Cable UHR3D seismic surveys for imaging marine geohazards in complex geologic settings we have been asked by a number of our clients to expand our service offering to include a full suite of geophysical measurements for comprehensive offshore site characterization. Building upon our unrivaled quality, health, safety, security, and environmental (QHSSSE) performance and leveraging our UHR3D seismic expertise, we are delighted to announce that we are supplementing our traditional P-Cable seismic data acquisition to include the following capabilities for site investigations supporting the offshore oil & gas, renewables, and construction industries:

UHR2D Seismic

Using Geometrics' revolutionary new GeoEel LH-16 multichannel seismic system, which supports both 2D and 3D surveying at incredibly fine temporal (1/16 millisecond) and spatial (0.92 meter) sampling intervals

High Frequency Energy Sources

Including Applied Acoustics' Dura-Spark UHD Seismic Sound Source to ensure broad bandwidth recordings with rich, high frequency content

SBP: Sub-Bottom Profiler

Using Innomar's SES-2000 with resolution up to 5 cm and penetration of up to 50 meters

SSS: Side Scan Sonar

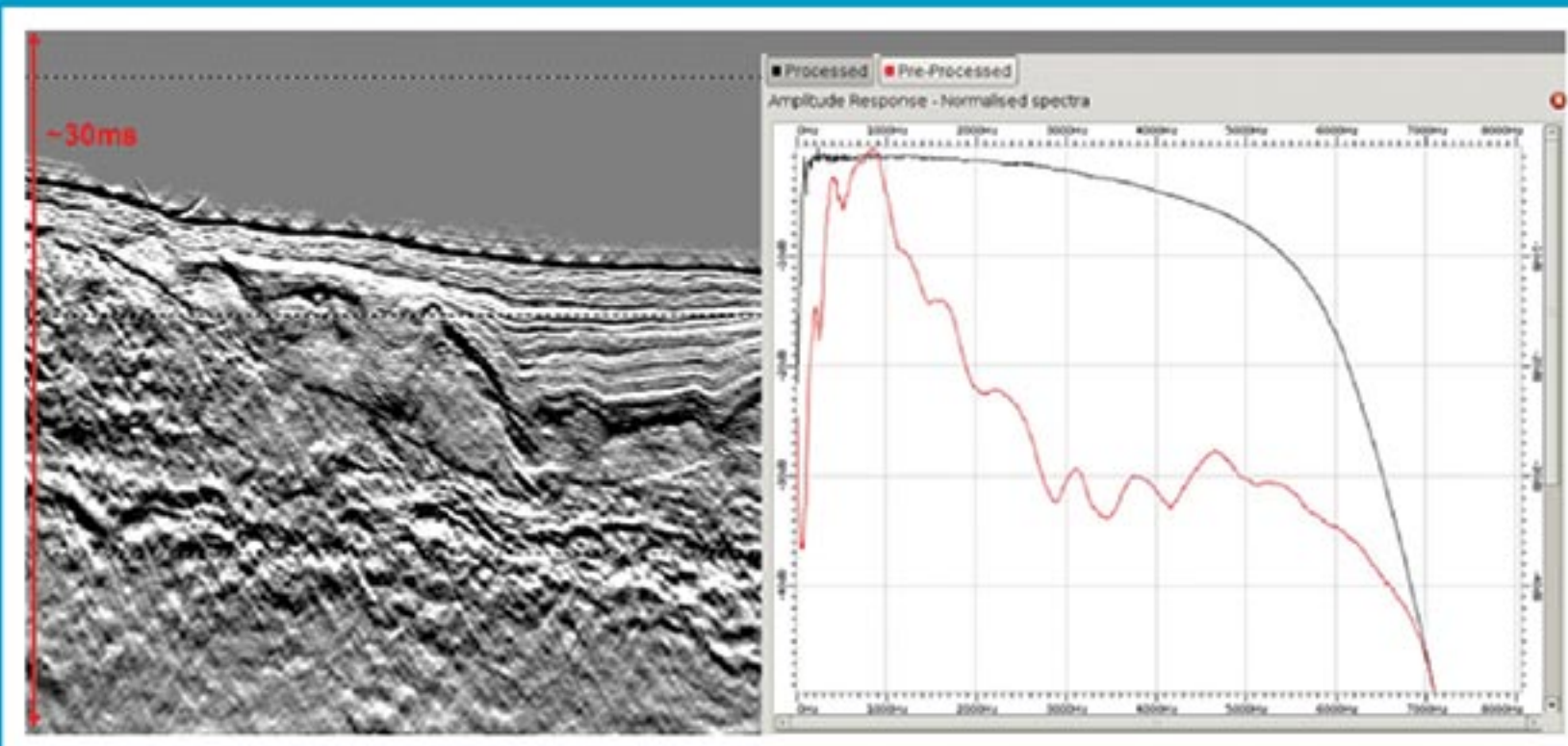
Using the EdgeTech 4205 featuring EdgeTech's Full Spectrum® CHIRP technology

MAG: Magnetic Gradiometer

Using tandem G-882 Cesium Marine Magnetometers from Geometrics featuring sample rates up to 20 Hz

MBES: Multibeam Echosounder

Using Teledyne RESON's SeaBat T50-P portable ultrahigh resolution echosounder



GeoEel LH-16 UHR2D seismic section from Moray Firth showing coherent signal out to 5 kHz and vertical resolution of approximately 10 cm.

State of the Art Sensor Packages

Our modular system approach ensures rapid and cost-effective mobilization and demobilization of our equipment and personnel using locally sourced vessels of opportunity.

