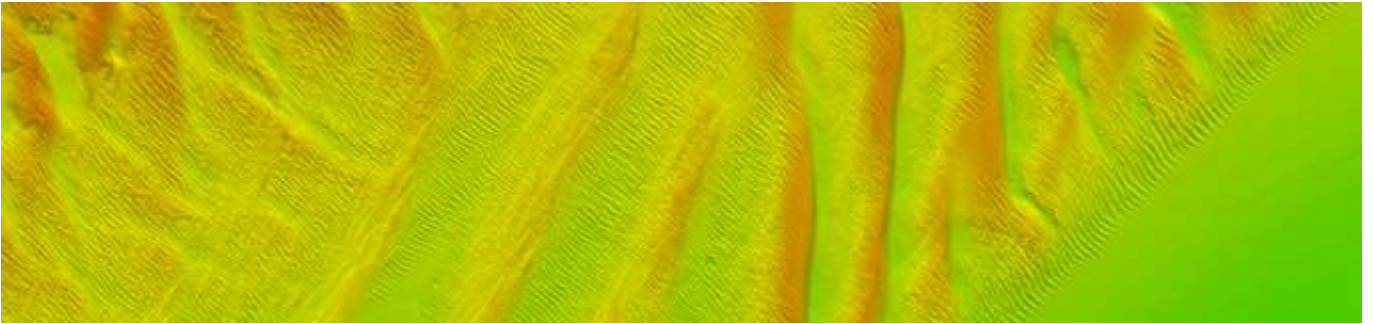


Coastal Engineering

Hydrographic, Geophysical and Oceanographic Surveys



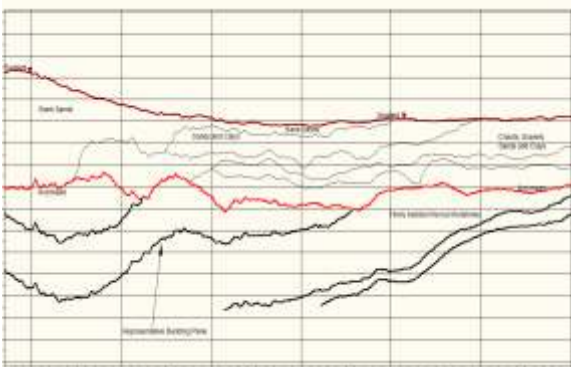
Example MBES bathymetry

Titan Environmental Surveys offer a range of survey services tailored to the requirements of coastal engineering projects.

These services include the complete spectrum of hydrographic, geophysical (including unexploded ordnance location - UXO) and oceanographic survey services. These services are appropriate during the initial design, baseline, construction and long term monitoring phases of projects. Titan is able to provide the services of specialised - near shore scientists working from our own dedicated coastal vessels during field work with post processing and reporting being undertaken by experienced data analysts.



Preparation of an ADCP prior to deployment



Interpreted Vertical Section

Provided Services:

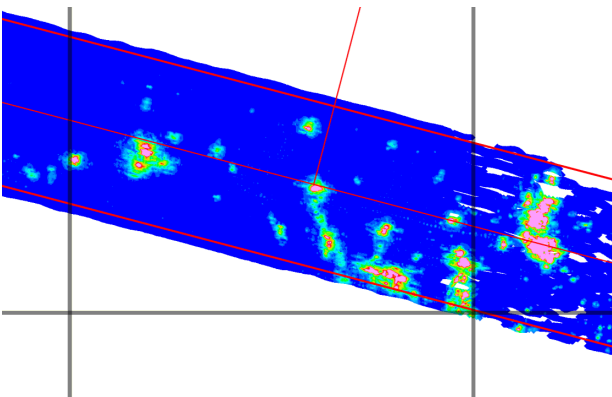
- High precision hydrographic - terrain modelling multibeam bathymetry
- High resolution site specific wave statistic data
- Long term real time wave and tidal monitoring
- Seabed feature mapping with high frequency sonar
- Ultra-high resolution seismic profiling
- Magnetometer -(UXO detection) surveys
- Sediment transport studies

Post Processing and Reporting:

All data processing is carried out using recognised cutting edge techniques and software including Caris Hips and Sips (navigation and bathymetry), Geofusion (sonar and seismic), Oasis Montaj and Seazone Geotemporal data management/processing software.



Post processed Side Scan Sonar data



Post processed magnetometer data produced in Oasis Montaj



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