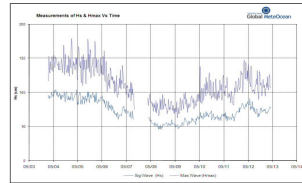


### Measurement and analysis of Metocean parameters: Waves, current, tide, wind, etc.

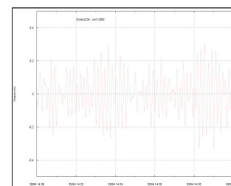
During highly sensitive operations Global MeteOcean's qualified and experienced Metocean specialists can work for the project to ensure a full range of onsite specific services from the deployment phase of equipment to the production of customised survey reports regarding recorded measurements throughout the campaign .

- **Wave measurement:** Datawell directional Waverider buoy allowing exploitation of accurate information every 30mn with spectra analysis of the swell affecting the site.
- **Sea current measurement:** RDI ADCP system enables to acquire and visualise relevant data such as direction and speed at given levels along a column of water.
- **Tide height measurement:** The Valeport sensor enables to monitor precisely the variation of tidal water level at a given location in real time with also further options such as visualisation and archive.
- **Multi sensor weather station:** Use of Vaísala equipment to measure a wide range of atmospheric parameters such as wind, temperature, pressure, humidity etc. depending on operational needs.



### Barge movement monitoring:

The installation of topsides, bridges, or towing structures are among the offshore operations that require very precise monitoring of barge movements. The use of Octans sensors enables to measure every movement on the three axes of displacement (Heave, Surge, Sway) and also the angular axes (Pitch, Roll, Heading).



### Metocean parameters surveys:

To assist the design of structures or decision making process relating to project of highly sensitive marine operations, or for risk assessment, our engineers produce studies on various characteristic environmental parameters such as wind, wave, current, tide. Statistical measured data, and analysis from numerical models are used to make very specific reports focused on the project needs.

