

“Where will our knowledge take you?”

Tidal Information

In Support of Operational Planning and Depth Survey Tidal Correction

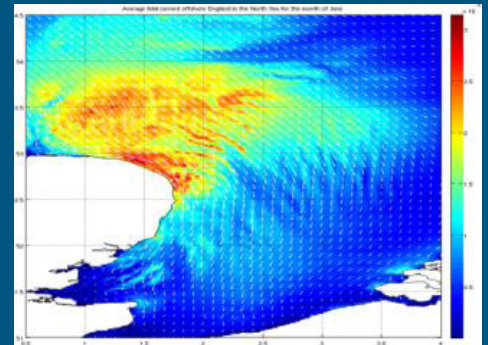
To support projects sensitive to water level variations and / or currents BMT ARGOSS provides tidal information that allow clients to plan their operations. The same tidal data also has an extensive track record with regards to depth survey corrections worldwide.

BMT ARGOSS' tidal models are based on the integration of approximately 5000 tidal stations and 15 years of satellite radar altimeter measurements into depth average tidal models. The combination of satellite measurement data and measurement data from tidal stations allows for a highly accurate assessment of tidal information globally.

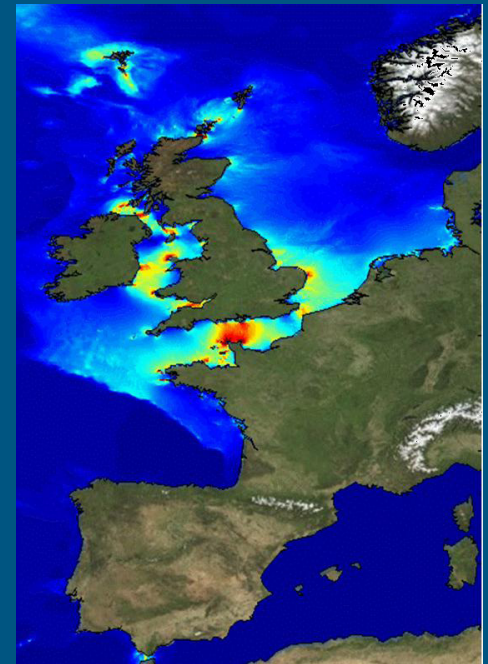
Having the correct tidal information can reduce a operations downtime thus reducing costs and saving time

Our models are operated at various resolutions. Currently the highest resolution models are maintained at a 1 minute resolution. When required our models can be refined further to accommodate a given requirement like for instance wave modelling in areas with a substantial tidal level range or current.

To assure high quality the BMT ARGOSS tidal models are operated using highly detailed bathymetry information. This in combination with the high resolution of our models ensures that time series of variables such as tidal levels, current speeds and current directions can be provided with a high degree of accuracy.



Average tidal current speeds on the North West European Shelf



Average tidal current speeds in the southern north sea, clearly showing shallow water areas and sand banks