



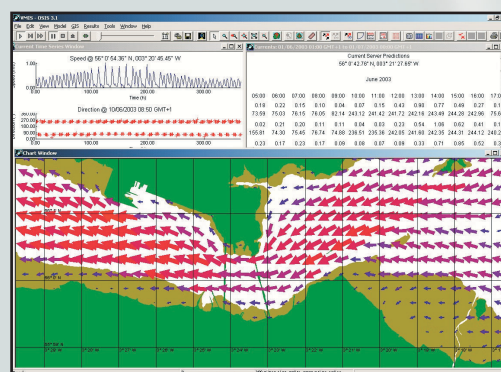
OCEANOGRAPHIC DATA MANAGEMENT AND ANALYSIS

BMT Cordah Limited

BMT Cordah has over 15 years experience in managing marine environmental data and providing oceanographic support services to the offshore oil and gas industry, coastguard agencies, national governments and shipping and survey companies. BMT Cordah's experienced team of oceanographers and marine scientists provides a comprehensive capability to collect, interpret, analyse and process marine environmental data and deliver bespoke management and database tools for our clients' needs.

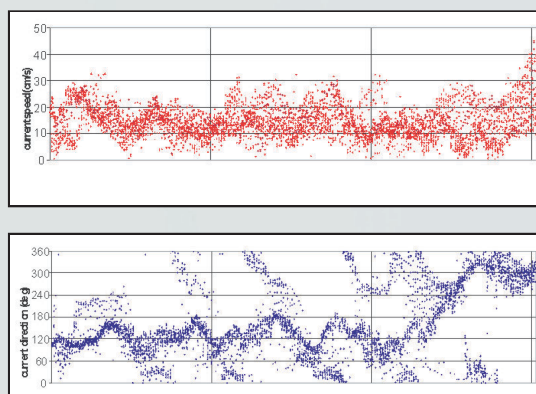
Core services available include:

- Wave and tidal data analysis
- Ocean processes analysis
- Tidal harmonic analysis
- Prediction and hindcasting
- Sediment and contaminant transport
- Metocean data analysis
- Geodetic transforms
- Engineering support services
- Coastal processes analysis
- Instrumentation/data logging support
- Monitoring system design
- Hydrodynamic data analysis
- Waterborne object pathway studies
- Database of worldwide circulation currents.

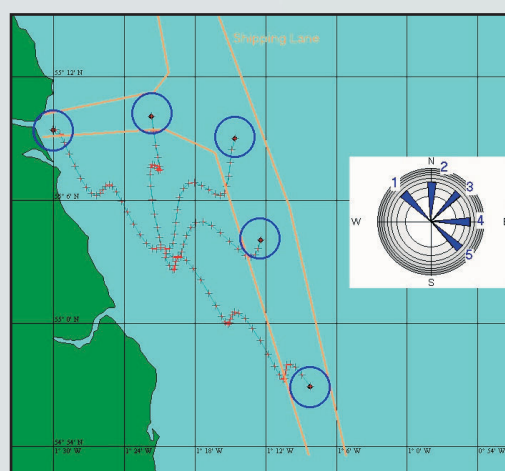


Tidal Atlas Analysis Tools for the Forth Estuary in BMT Cordah's VMIS software applications

BMT Cordah provides a range of metocean data services, from simple wind/current statistical analysis, to full processing of multi-layer, multi-parameter observed data, including filtering, harmonic analysis, interpolation and re-prediction.

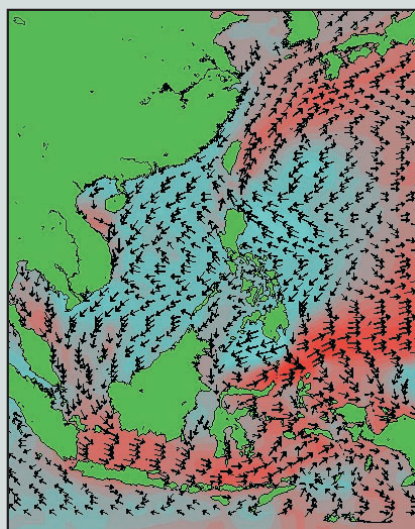


Observed current data from ADCP meter



Pollution source analysis using VMIS Backtracking tools

Oceanographic Data Management and Analysis

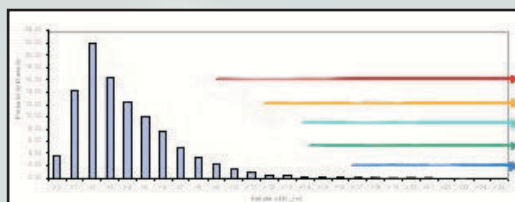


Visualisation of South China Sea current regime: extracted from BMT Cordah's database of worldwide circulation currents

In addition to established oceanographic analysis techniques, BMT Cordah is able to provide other services including:

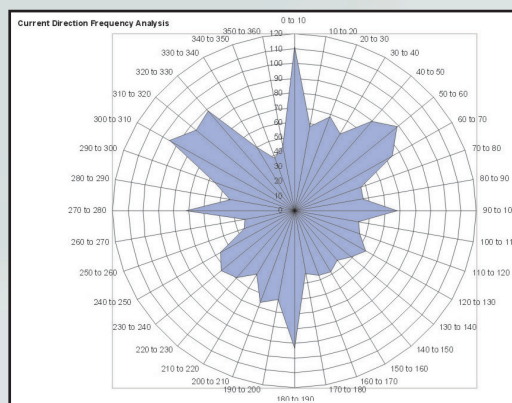
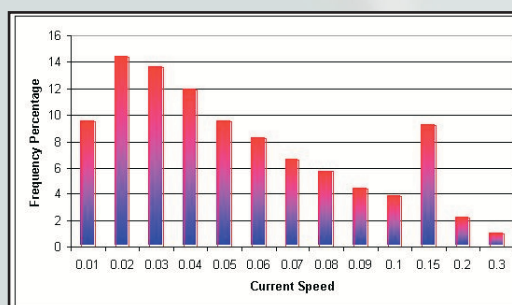
- Database management
- Internet applications
- Data warehousing
- GIS development
- Multi-parameter data handling tools
- Software development tools
- Remote sensing applications.

'MERMAID' Internet Marine Data Broker - Search Engine



Wave Spectrum and Elosion Thresholds

Our oceanographers have experience in the development of 3-dimensional tidal and residual atlas databases for both open water and estuarine environments.



Current Speed and Direction Frequency Analysis

BMT Cordah provides a full suite of oceanographic data services and turnkey solutions to manage projects from field survey through to hydrodynamic model development. Complete services are provided for all aspects of metocean projects including advice on instrument development, field surveys, tracer studies, data collection, processing, interpretation and the construction of flexible hydrodynamic databases.



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