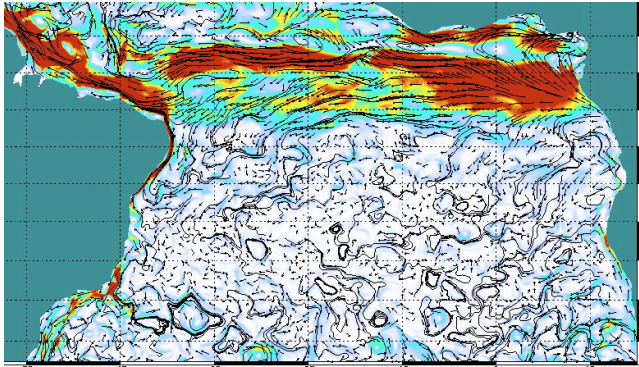


## METOCEAN SERVICES: Data Acquisition, Processing & Forecasting Services

Metocean Studies– Operational Oceanography– Ocean modelling & forecast - Oil Spill Studies



(courtesy of Mercator-Ocean)

For more than 35 years, ADVANCED SUBSEA's founders have been deeply involved in Marine Technological Innovation, developing new Tools & methods for monitoring Oceanographical & Meteorological parameters, by combining external and in-house competence and expertise.

Advanced Subsea do Brasil Modelling & Forecast Services are based on a partnership between ADVANCED SUBSEA SAS & LEGOS – CNRS Laboratory for Geophysics & Spatial Oceanography.

AS METOCEAN services are dedicated to Oil Companies, Marine Contractors & Port authorities.

### 1- SCOPE OF METOCEAN ACTIVITY

- Meteo-oceanographic studies : Waves, Current, Tide, Wind, rain, air température, seawater physical & chemical parameters
- Radar Surface Waves & Currents Monitoring
- Real time mapping
- Metocean Modelling
- Daily weather and seastate condition analysis & forecast
- Pollution drift monitoring

### 2- AS METOCEAN SERVICES

- **Engineering, Development, Mobilisation, Servicing of Metocean Systems**
  - Wave/ Currents Coastal HF Radar, Telemetry Systems
  - Databuoys, Currentmeters Deployment & Servicing
  - Met-Ocean data acquisition Systems Mobilisation & Servicing
- **Metocean Data analysis & Reporting**
  - Data validation & pre-processing
  - MetOcean Reporting
  - Standard Statistical study
  - Engineering Statistical study
- **Metocean Modelling & Forecast**
  - Sea state & Currents Numerical modelling
  - Analysis & Forecast of daily operational conditions
  - Oil Spill drift Modelling
- **Development of Metocean Data analysis & Reporting Software Package**
  - Data validation & pre-processing Modules
  - Standard Statistical study package
  - Engineering Statistical Study package

### 3- AS MAIN REFERENCES

- \* Development & Servicing of Met-Ocean Data Acquisition & Processing system for ELF (2 years)
- \* Development & Servicing of Met-Ocean Data Acquisition & Processing system for CEA (3 years)
- \* Large deepwater Current Measurement Campaign (2 years) for PHILLIPS PETROLEUM
- \* 5 semi submersible Met-Ocean buoy Study for PETROBRAS (partnership with IPT)

Your contact : Jacques Schoellkopf

Tel : 55(21)30 10 9559 Email :jsk@advanced-subsea.com