Integrated weather services for marine operations

MetOcean Solutions offers a full suite of metocean services to support all types of marine industries, including cable / pipeline laying operations, geophysical surveys, subsea construction, offshore transport and heavy lift operations.

Metocean site reports
Our metocean reports provide a detailed assessment of the oceanographic and meteorological conditions at the exact location of interest or along an ocean route. Based on high quality hindcast information reaching back to 1979, a rigorous analysis of the waves, winds and 3D currents is supplied for guidance on rig selection, riser and anchor design, cable and pipeline laying route planning, weather operability window estimates and other operational aspects as required.

Weather downtime analysis
Downtime analysis uses a sophisticated technique to simulate complex project schedules through multiple years in the hindcast database. This provides a reliable statistical basis for downtime estimation and effects of project slippage on completion. Weather window analysis can be done for a single site or for several locations along a construction / cable path project or cable route.

Specialist marine weather forecasts
Receive customised guidance optimised for the project location. MetOcean Solutions’ in-house models run by experienced scientists offer 7-day ahead information at local scale. Our services include automated forecast updates 4 times per day, and derived guidance products such as workability (go / no-go), hazard warnings, kinematics, vessel motion and real-time oil spill trajectory.
Marine route analysis
MetOcean Solutions offers route optimisation studies based on weather avoidance, fuel efficiency or arrival time. We can also provide specialist guidance including fatigue and motion analysis specifically for your vessel. Accurate and localised route forecasting helps you save time and fuel, enhance safety, and reduce fatigue and carbon emissions.

MetOceanView
MetOceanView is our online customer platform through which we deliver accurate, high-quality marine weather forecasts and historical data for a range of offshore operators all over the world.

Specialist services
Solutions designed by our experienced scientists to help solve your specific challenges.

For more information, please contact:
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Try out MetOceanView: www.metoceanview.com

Specialists in Oceanography