

Safer Shipping | Smarter Ports



## BerthAlert

Safety forecasting and monitoring for moored ships  
**Reliable decision support**

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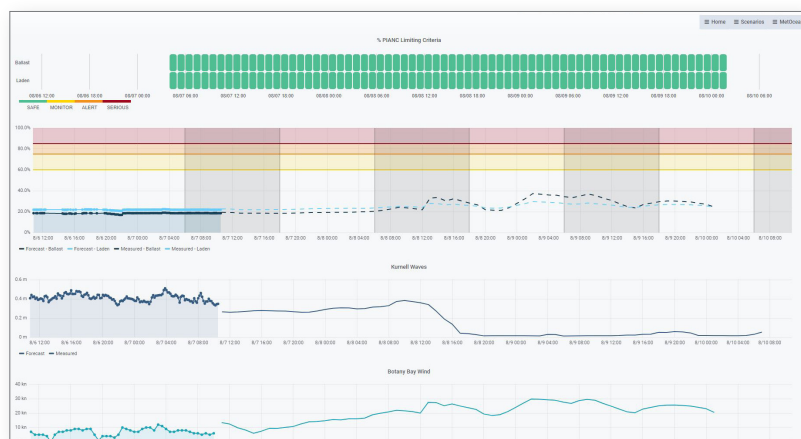
# Maximise Berth Availability, Minimise Risk

BerthAlert brings together OMC's 30 years of mooring analysis to deliver a reliable and flexible range of forecasting, monitoring, and alerting tools designed to assist ports and terminal operators maximise berth availability and minimise risk.



## FULLY INTEGRATED

A berth-specific dashboard gathers information from across the forecasts, observations, and models available to the system and delivers targeted berth-specific warnings and alerts.



## FULLY CUSTOMISABLE

BerthAlert provides a simple web-based graphical user interface and traffic light system to show alert status at a glance. Warning and alert parameters and levels are user-defined for maximum flexibility.

# Decision Support When You Need it Most

BerthAlert combines state of the art ship hydrodynamic modelling with critical measured and forecast environmental data including winds, currents, swells, and long period waves to determine mooring line forces and vessel motions.

Where protection of assets and safety of personnel is paramount, BerthAlert provides a science based decision support tool.



## DECIDE TO SUSPEND LOADING OPERATIONS OR CLEAR THE PORT

Arrive at a well-justified decision based on numerical modelling forecast environmental conditions, verified with on-site measurements. For greater precision, ship-specific line tension forecasts can also be provided.



## PLAN BERTH USAGE TO OPTIMISE THROUGHPUT

Planning tools allow operators to model several ships over a 7 day horizon to ensure operational safety and continuity by selecting the optimum order to load the ships.



## RESPOND TO CHANGES FAST

Real-time alerting can minimise harm if conditions deteriorate unexpectedly. BerthAlert will monitor and deliver these warnings exactly where you need them.