



WaveSignal™

LOOK INTO THE FUTURE

Operate with confidence when conducting on-deck or overside activities. A bridge display and companion deck panel let personnel know when quiet periods or wave hazards exist.



See Beyond


 **Mackay**

Marine Electronics &
Satellite Communications

OIL & GAS • WORKBOAT • CARGO • CRUISE • FERRIES • SAR • FISHING • WIND ENERGY



WaveSignal™



sigma S6 WaveSignal™ is a radar-based wave prediction system that delivers real-time visibility of wave activity from a vessel or platform, providing valuable information to mariners. High definition graphical indicators of oncoming wave fields combined with numerical data and intuitive signal lights keep the operator well-informed when assessing environmental risk and identifying safe operational windows.

Here's how **WaveSignal™** can add value to your operation:

OFFSHORE CONSTRUCTION and MAINTENANCE

Identify quiet periods to conduct at-sea operations.

With visibility into approaching wave fields and the flexibility to customize settings, operational efficiencies can be achieved and/or safety precautions taken when thresholds are met or exceeded.

SEAFOOD HARVESTING

With advanced situational awareness of wave activity, fishers can mitigate the risk when setting gear and harvesting catches.

A simple red or green signal light will keep deck crews aware of impending wave conditions to continue operations or take refuge as required.

HELIDECK OPERATIONS

Reduce the risk associated with operating from a helideck.

With **WaveSignal™** helideck managers can observe wave conditions and make better informed decisions and/or take corrective action to improve safety.

EQUIPMENT DEPLOYMENT and RETREIVAL

Position in-water sensors, ROVs, etc. with confidence and precision.

The ability to identify 'quiet periods' in wave activity greatly improves the likelihood of success. A green signal will be displayed when optimum operating conditions exist.

WALK-TO-WORK

Safely transfer personnel at sea.

Intuitive Stop or Go signals vastly improves crew change and maintenance operations.

CARGO OPERATIONS

More efficient load/unload activities.

With visibility into upcoming quiet periods, time and resources can be better utilized.

Decisions Made Simple



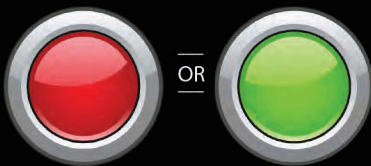
Now, it's possible to glimpse into the future to predict wave activity. **WaveSignal™** takes situational awareness to a whole different level.

WaveSignal™ Bridge Display and Remote Deck Signal Panel



A 'bolt-on' to most industry-standard marine radar, **WaveSignal™** gives the user visibility into wave activity up to 180 seconds in advance.

SIMPLE, INTUITIVE



WaveSignal™ identifies anomalous waves and quiet periods. A simple red or green light lets operators know, at a glance whether or not it's safe to resume activities.

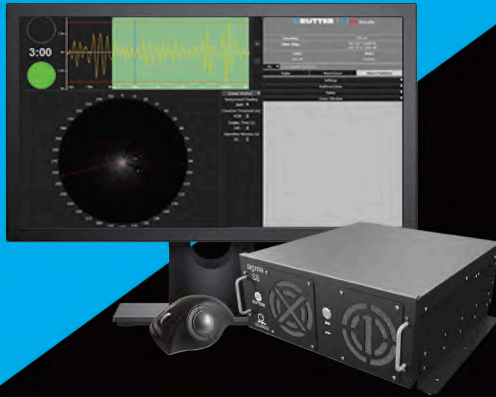
 **RUTTER**

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Rutter Product Commitment

Since 1998, Rutter has been on the leading edge of radar image processing technology for the global marine sector. For over 20 years, we have helped mariners navigate safely through ice-hazards; detect and respond to oil spills; protect people, assets and coastlines, and conduct ocean-related research. Our commitment to new product development and service delivery is on display every day and we thank you for your continued trust in our people, products and services.



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Current Monitor™
Ice Navigator™
Oil Spill Detection
Small Target Surveillance
WaMoS® II
WaveSignal™
WaveVision™



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