Sperrymarine *Vessel Performance*
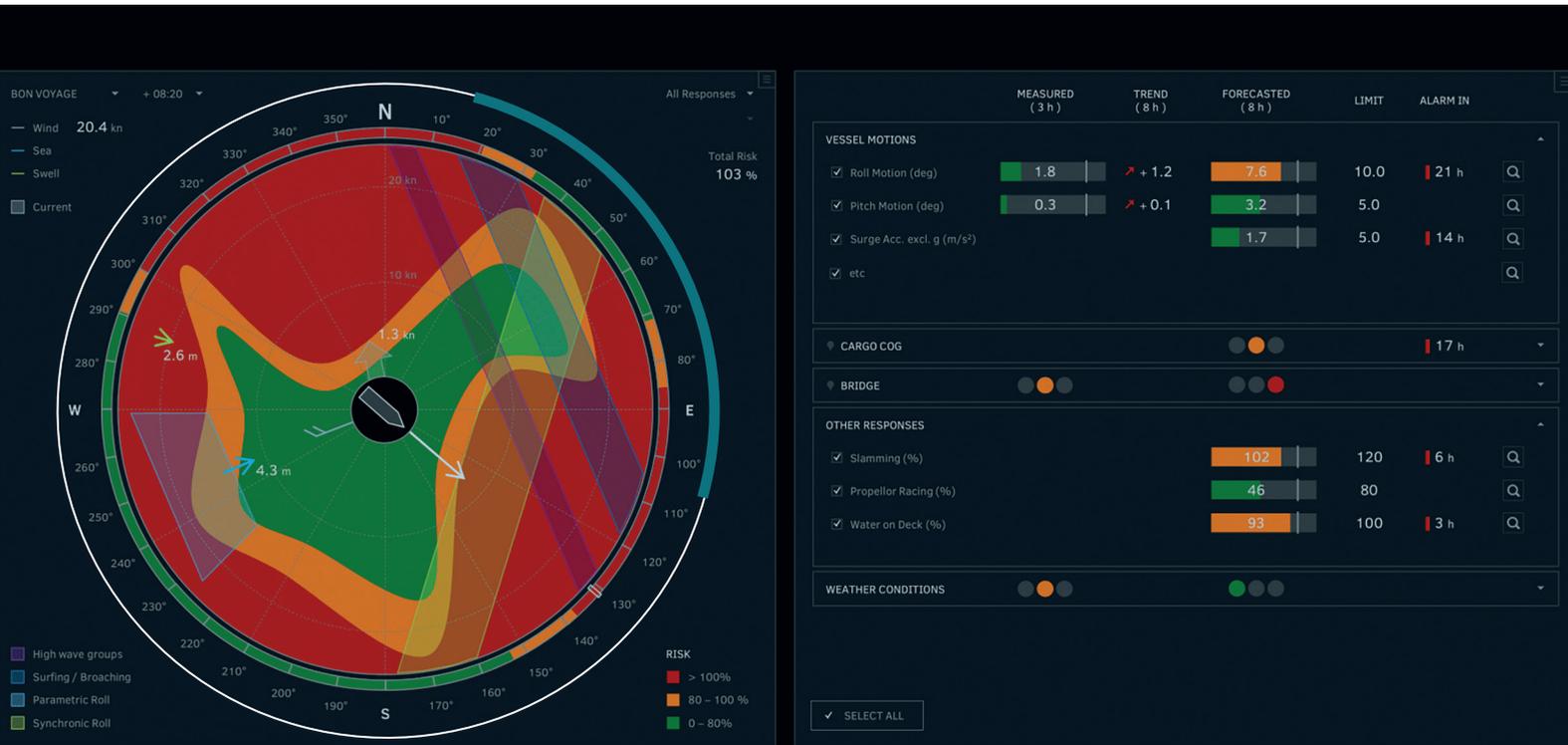
powered by **ABB**

Enabling safe, efficient, and sustainable operations

Sperry Marine Vessel Performance powered by ABB increases the overall efficiency and safety of ships operations at sea. The system optimizes the performance and safety of a ship and minimizes the overall fuel and energy costs for the whole fleet.

Three modules of Vessel Performance

Performance Monitoring
A fleet wide insight into fuel consumption KPIs
- Supports SEEMP and EEXI compliance
- Increase awareness of performance and fuel consumption KPIs of the vessel
- Increases energy efficiency and reduces fuel costs

Motion Monitoring
The measurement of motion, velocity and acceleration
- Provides insight and alarms when critical vessel motions and accelerations are exceeded
- Assesses and prevents accidents though data evaluation
- Increases safety and comfort during voyages

Response Forecasting
Clear advice for safe operation in difficult weather conditions
- Better decision-making with regards to routing of vessel
- More efficient routing, leading to time and fuel savings
- Better understanding of impact of weather and waves on the motion behaviour of the vessel

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Fleet Portal

Shore-based decision support tool to maximise safety, efficiency and availability

- Provides onshore insights on fleet overview and vessel details
- Provides onshore insights on fleet and vessel status
- Provides vessel and fleet level analytics for fleet performance monitoring and vessel benchmarking
- Tailor-made dashboard upon customer's need

Features

- Reduced risk of cargo damage or loss of containers
- Up to 10% fuel cost savings
- Supports SEEMP and EEXI compliance
- Integrated one stop shop Navigation & Performance solution

Benefits

- Real time vessel efficiency and performance monitoring
- Real time forecasting and monitoring motion behaviour
- Operational advice to navigators and operators onshore
  - Heading and/or speed change
  - Re-routing the vessel
  - Changes to improve vessel efficiency
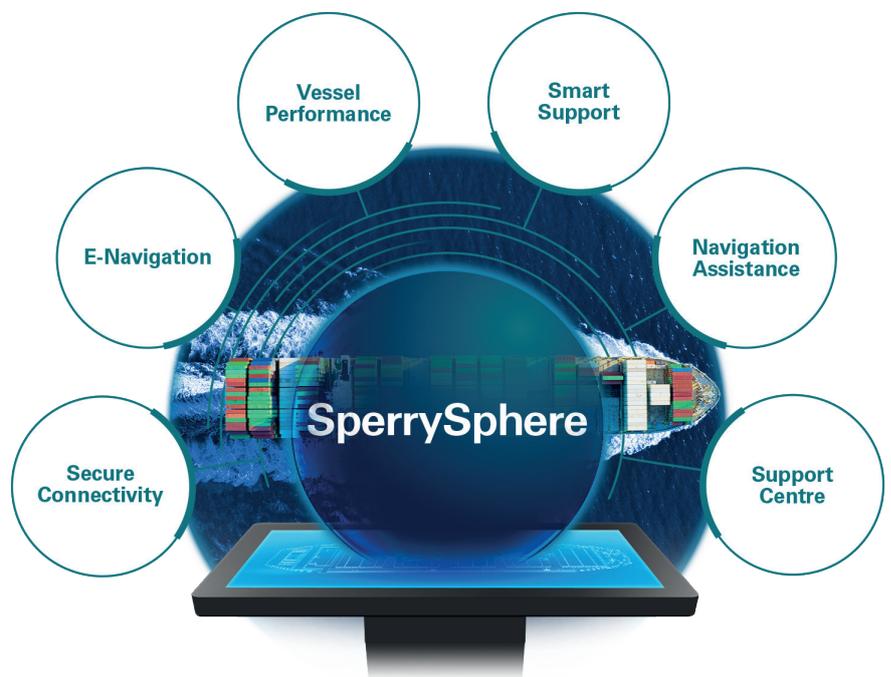- Integrated with SperrySphere platform

SperrySphere

The intelligent navigation platform for ships and shore

With the heritage of being at the forefront of innovations in navigation, Sperry Marine have created SperrySphere, an integrated, easy to use platform with a choice of industry leading digital services that enable greener, safer and more efficient navigation. **Your Sperry Marine advantage.**

SperrySphere will be continuously developed and enriched with new features and applications in six categories based on feedback from users to mature the solution over time.

The intelligent navigation platform for ships and shore

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