



# Offshore Wind Management System<sup>®</sup>

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OWMS<sup>®</sup> provides full operational insight to enable enhanced decision making for offshore activities delivering powerful results: greater operational efficiency and cost-reduction.

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# Offshore Wind Management System<sup>®</sup>

**A sophisticated marine management system developed in response to customer demand and engagement, OWMS<sup>®</sup> focuses on the industry-wide drive to reduce the cost of megawatt per hour for offshore wind.**

Specifically designed for use during construction and O&M, OWMS<sup>®</sup> raises the standard of how key offshore wind farm operations are managed. Its reporting system enables users to quantify efficiency and operational cost savings through a complete auditable performance and expenditure trail.

OWMS<sup>®</sup> tracks, monitors and reports on the performance of offshore vessels and activities to deliver an all-encompassing overview of a wind farm's status. With the integration of numerous systems, OWMS<sup>®</sup> provides users with valuable information to ensure that vessels, personnel and other assets are utilised efficiently and cost effectively. Maximising the productivity of offshore wind farms has never been so easy.

## Benefits:

- Complete marine management system through one web-based portal
- Fully customisable and scalable system depending on project requirements
- Enables efficient offshore wind farm operations
- Maximises productivity and operational efficiency
- Quantifiable cost savings
- Complete operational visibility enabling users to effectively target assets and activities
- Auditable performance and expenditure trail
- Enhanced decision making enabled through intelligent reporting

## Features:

- Comprehensive tracking of offshore assets (personnel, vessels, high value tools)
- Quantifies vessel performance and fuel usage
- Sophisticated weather and sea monitoring, predictions and reporting
- Personnel tracking wrist band RFID technology
- Personnel activities and certification expiration management
- Intelligent Fender System<sup>™</sup> monitoring turbine impact and push-on forces
- Vessel Motion Monitoring System<sup>™</sup>
- Multi-screen control room enabling full project management
- Integration of GIS Data



### Plan

Efficient planning and coordination of marine operations. Includes a sophisticated site or area of interest specific weather feed to ensure maximum entry to site is possible, while reducing wasted fuel and transit time.



### Manage

Seamless management of operations. The system ensures all key assets are monitored live to maintain full control and visibility at all times.



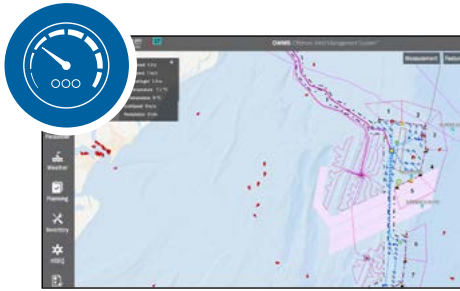
### Report

Sophisticated reports enable operators to quantifying cumulative and on-going running costs. The report module creates an auditable trail with key data, delivering a clear and measurable reduction in operational costs.

# Offshore Wind Management System® modules

## User interface

The Offshore Wind Management System® comprises of immersive and intuitively designed modules that allow the user to access both current and historical sets of data



### Dashboard

- Marine coordination view
- Vessel locations
- Alerts and messages



### Vessel management

- Vessel work planning
- Live vessel data
- GPS and AIS views



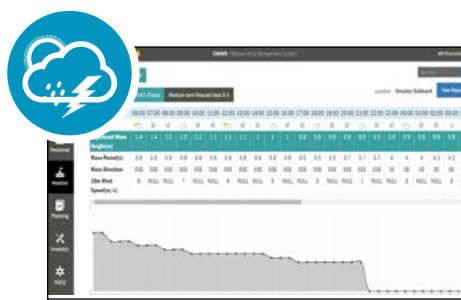
### Personnel

- RFID wristband tracking
- Certification records
- Medical and contact details



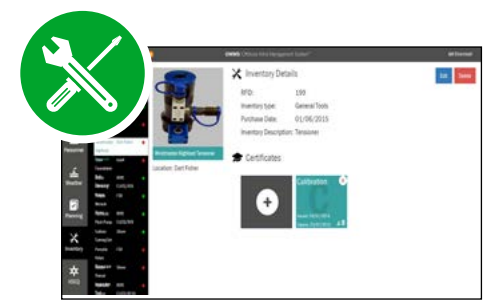
### Work planning

- 5-day look ahead
- Scheduling assistant



### Weather

- Live weather
- Forecast



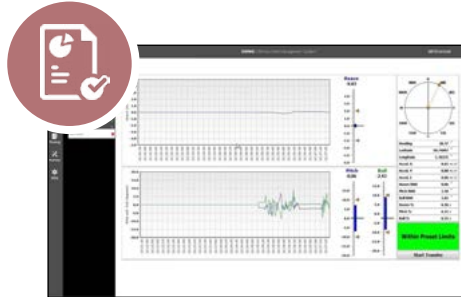
### Inventory

- RFID tool tracking
- Inventory



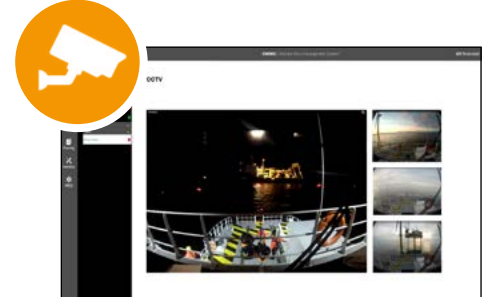
### QHSE

- Procedures
- Policies and response plans
- RAMS



### Reporting

- Performance tables
- Vessel fuel and motion data
- PAX lists
- Certification reports



### CCTV

- Integration with existing CCTV
- Optional bolt-on module

**James Fisher**  
Marine Services



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