

Strainstall participates in 'Eden Rose' Vessel Monitoring Trial

Case Study



Strainstall participates in transfer vessel motion monitoring trial at UK offshore wind farm on board Tidal Transit's 'Eden Rose'.

Strainstall's new Vessel Motion Monitoring System™ (VMMS™) – developed by James Fisher group company Strainstall – provides accurate motion and impact load monitoring with a data logging capability.

Strainstall's VMMS™ product significantly improves safety levels during personnel and equipment transfer operations involving offshore installations such as wind turbines.

Crucially, however, VMMS™ enables transfers to take place safely during a significantly increased operational window, as support vessel masters can monitor all motion parameters rather than relying on significant wave height as the main limiting factor.

In addition to its role in transfer operations, VMMS™ can also be used as a dedicated health and safety tool, enabling the collection and logging of data for statistical purposes as well as in accident investigations.

The VMMS™ is part of a comprehensive modular package and is just one of the modular systems that comprise the Strainstall Offshore Wind farm Vessel Management System (OWMS™).

Summary

Strainstall's VMMS™ is now undergoing trials on board Tidal Transit's 'Eden Rose' during normal operations off the UK's east coast.

Services provided

- VMMS™ enables transfers to take place safely during a significantly increased operational window, as support vessel masters can monitor all motion parameters rather than relying on significant wave height as the main limiting factor

Benefits delivered

- Increases safety and operational efficiency during personnel and equipment transfer manoeuvres involving offshore wind
- Motion trend displays can be used by the vessel's master to monitor and quantify its motions, enabling more effective changes in course and speed to be made
- Displays can be used to monitor heave levels and provide warning to the master when pre-set danger limits are about to be reached

