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Advanced camera and smaller vessel trialled on Dogger Bank

Forewind has once again used its regular operations and maintenance trips to the meteorological masts on Dogger Bank to trial innovative technology and methodology.

Its most recent trip enabled aerial inspection and survey contractor Cyberhawk to utilise a new advanced camera technology to inspect the overall status of the met masts and condition of bolts along with the structure of the lattice towers.

The use of remotely operated aerial vehicles (ROAVs) decreases the amount of working at height that is needed and therefore significantly reduces worker health and safety risks.

For the first time, Forewind also employed a multi-functional offshore wind crew transfer vessel, Tidal Transit's 20 metre *Eden Rose*. The aim was to determine how smaller vessels are likely to cope with operating at such distances from shore and in different wave and weather conditions.

Eden Rose travelled from the Port Sunderland to work on both Dogger Bank Met Mast East, located approximately 100 kilometres from the UK coast, and Dogger Bank Met Mast West, sited 150 kilometres from the coast.

Forewind's Operations and HSE Manager Nachaat Tahmaz said that while being conscious that *Eden Rose* was somewhat smaller than previous vessels used at Dogger Bank, it performed as well as larger vessels.

"This trip was a positive signal for the potential use of similar sized vessels as part of operations and maintenance trips to Dogger Bank in the future."

There were no health and safety incidents during the 1476 total offshore working hours.



Aerial photo of Dogger Bank Met Mast East and Tidal Transit's Eden Rose taken by Cyberhawk.