

REYGAR TO ENHANCE TECHNICIAN SAFETY & COMFORT AT REMOTE OFFSHORE PROJECTS

In-depth analysis of motion data and personnel comfort onboard offshore support vessels will maximise technician safety and efficiency across multi-day offshore work

Bristol, 14th December 2020 – Reygar, the leading provider of advanced monitoring systems to the offshore renewable energy sector, has been commissioned to develop an industry-first motion comfort monitoring tool capability within BareFLEET, Reygar’s innovative remote monitoring and reporting platform. The new tool will track and analyse motion, fuel consumption and crew sickness in different cabin locations, with a specific focus on boosting safety and fitness to work aboard vessels supporting critical multi-day work at Siemens Gamesa projects.

The proliferation of large, remote offshore wind projects – particularly in regions characterised by challenging sea conditions - has only increased the need for greater granularity around vessel data. To service these projects, technicians are required to spend more time at sea – often multiple consecutive days. It is therefore crucial that offshore wind vessel operators are able to ensure that the wellbeing of the crew and technicians they transport to these projects is protected.

The BareFLEET system that Siemens Gamesa has commissioned automatically monitors the health and performance of critical equipment across each vessel, inclusive of engine health, CO2 emissions, fuel consumption, motion, and impact onto the turbine. The system also allows the crew to manually input supplementary data and observations into a customer-specific digital reporting platform, with the resulting DPR form customised to bring Siemens Gamesa’s own key performance indicators and priority data fields – such as crew comfort - to the fore.

Chris Huxley-Reynard, Managing Director, Reygar Ltd, said: “As wind projects move further offshore into areas of higher wind resource, it is paramount that charterers and vessel operators are equipped with the true understanding of vessel motions and

personnel comfort they need to keep these projects – and the people constructing and maintaining them - performing at their best.”

Chris continued: “Motion data measured across different cabin locations and different vessels, sourced via BareFLEET while in transit and while idling, will advise Siemens Gamesa’s chartered vessel operators on how to guarantee the crew and technicians are housed and transported in such a way that they can continue do their jobs effectively across multi-day projects.”

René Wigmans, Head of Offshore Service Logistics, Siemens Gamesa, said: “With the global energy transition well underway, we are increasingly focused on how digitalization can power the efficient and safe roll-out of our technology across projects in exciting, rapidly growing markets such as the US and Taiwan. Our work with Reygar to further integrate BareFLEET’s detailed motion reporting into our offshore activity will support our team in maximising operational efficiency and reducing vessel CO2 emissions whilst securing the health and comfort of our crew as they work on these flagship – yet often remote - sites.”

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About Reygar

Established in 2012, Reygar provides fully integrated remote monitoring and fleet reporting systems to the marine industry.

BareFLEET is a pioneering fleet monitoring platform that offers an unparalleled level of insight into all aspects of fleet performance and health. Developed to help maximise the operational effectiveness of fleets, BareFLEET automatically gathers a comprehensive set of engine, navigational, vibration, motion and health data, including fuel efficiency, CO2 emissions, vertical heave motion, tower impact and push-on force, plus indications of motion sickness.

For more information about Reygar and the BareFLEET platform, please visit:

www.reygar.co.uk