

ROLLS-ROYCE ORDERS SECOND REMOTE ENGINE MONITORING SOLUTION FOR ELIMINATION OF ENGINE ROOM COMMISSIONING HAZARDS

*Proven monitoring system ensures safe, remote engine commissioning during sea trials
commissioning with scope for business-wide roll-out*

Bristol, UK, 20th of June 2022 — Rolls-Royce's business unit Power Systems, provider of world-class mtu propulsion solutions to the maritime market, has ordered a second remote engine monitoring system from Reygar Ltd. (Reygar), eliminating engine room health and safety risks during maritime engine commissioning and testing.

Developed by Reygar, the leading provider of innovative remote monitoring and reporting systems, and designed to Rolls-Royce's exacting specifications, the remote engine monitoring technology enables engineers to operate outside the engine rooms during sea trials commissioning and testing, effectively cutting their exposure to the associated safety risks.

Rolls-Royce regards personnel safety as a paramount concern, with the company's expert understanding of engine room hazards making a clear case for removing engineers from the machinery spaces as far as possible. Its collaboration with Reygar wholly delivered on the ambition for improved safety through automation - upgrading the original hard-wired data logging system used by engineers to a wireless alternative for remote monitoring, delivering engine data in full integration with Rolls-Royce Power Systems' existing data processing interface.

The first system, delivered in 2021, has been deployed successfully during more than half a dozen sea trials of yachts and commercial vessels conducted by the Rolls-Royce Power Systems subsidiary in the UK. The technology has now been deployed in Italy, and will soon be utilised in the United States. The solution is vessel agnostic and fully customisable, with scope to support sea trials on a wide variety of vessels including ferries, pilot boats, tugs, workboats and Crew Transfer Vessels.

Darren Barnett, Director – Marine for Rolls-Royce Power Systems in the UK, said; “Collaboration is critical to unlock progress within the propulsion sector, and to establish the highest standards for personnel safety. We identified Reygar as an excellent collaborator in this endeavour due to its engineering expertise, and strong endorsement of its capabilities from Rolls-Royce Solutions’ leadership team. The solution we’ve developed together has proven wholly successful against our objective of removing risks to our engineers’.

“The adaptability of the system opens the door for us to scale its deployment sector-wide and integrate it as standard within our global commissioning process, realising its safety benefits across our entire maritime business. The opportunities for technology to address business and safety challenges are near limitless, and we’re excited to see how our use of the system can evolve in the future.”

Chris Huxley-Reynard, Managing Director, Reygar, said: “Rolls-Royce mission to remove its engineers from harm’s way presented both an interesting engineering challenge, and a unique opportunity to create a safer environment for the seafarers and engineers essential to maritime trade. Our collaboration proves that robust data management and supporting engineering infrastructure have the potential not just to create efficiencies in routine maritime operations, but also to improve the conditions of work for the maritime workforce.

“Built on our extensive experience of developing vessel monitoring systems, the remote engine monitoring solution we’ve refined together is an innovative means of addressing both safety and productivity challenges, powered by improved data capture and communication. The opportunity to improve safety standards through the application of remote monitoring systems is growing, and we look forward to seeing how this takes shape going forward.”

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