

## **RS Aqua launches WaveRadar REX<sup>2</sup>**

### **RS Aqua are delighted to announce the launch of its next generation WaveRadar**

The WaveRadar REX<sup>2</sup> has been in development for several years to ensure that it meets the high standards for performance set by its predecessor, the WaveRadar REX, which has close to 1,000 offshore installations to date. The WaveRadar REX<sup>2</sup> is half the size and weight of the legacy REX, consumes 10 times less power, and has 25% greater range whilst maintaining its accuracy.

The WaveRadar REX<sup>2</sup> is powered by a new Emerson microwave sensor, using the same proven Frequency Modulated Continuous Wave (FMCW) measurement technique that has been perfected by the WaveRadar REX over the past 20 years. This new higher frequency sampling unit enables a greater measurement range of up to 80 m, and the same exceptionally high accuracy over this distance (3 - 6 mm, dependent on range).

Every WaveRadar REX<sup>2</sup> will be supplied with a brand new, intuitive configuration software package called WaveConfigurator. This will enable system set up and diagnostic monitoring by end users in the field, providing more flexibility and control over the sensor to better meet different requirements.

Unlike its predecessor, the WaveRadar REX<sup>2</sup> incorporates an LCD screen for instantaneous sensor measurement display, as well as status and health data. It has a complete stainless-steel and Polytetrafluoroethylene (PTFE) external construction, making it virtually maintenance-free, and highly resistant to corrosion or extremes of temperature or humidity.

The WaveRadar REX<sup>2</sup> is fully backwards compatible with all existing REX installations. It includes a new suite of hazardous zone certifications, facilitating global installations in almost any offshore or other hazardous location. Further, the WaveRadar REX<sup>2</sup> will have fewer import and export restrictions than any other microwave radar sensor on the market.

RS Aqua will be accepting orders for the WaveRadar REX<sup>2</sup> at the start of April 2020, with the first shipments to be supplied in early May 2020. Before then RS Aqua will be releasing details on the development of WaveRadar REX<sup>2</sup> and its extensive field trials on both a fixed platform and a moving vessel.