Valeport Reports Higher Sales of Tide Gauges

UK-based Valeport has reported a surge in sales of tide gauge equipment in its most recent quarter. The manufacturer of oceanographic, hydrographic and hydrometric instrumentation said that sales of tide gauge equipment rose 22% compared with the same period in 2016. Valeport's performance and reliability in tide gauges is well renowned and the firm confirm that sales across the portfolio of tide gauge instrumentation including TideMasters, Radar sensors and the TideStation are significantly ahead of forecast.

Valeport's tidal observation hub, TideStation, optimises performance of instrumentation and is designed to be flexible in its configuration and has Valeport's industry leading tide gauge system at its core. The compact and robust TideStation unit offers pressure, radar and hybrid tidal observation techniques coupled with interfaces to other meteorological, telemetry and third party systems.

The Valeport TideMaster provides an accurate, versatile and easily deployed tide gauge for use in short or long term survey operations. TideMaster is compatible with a wide range of hydrographic software and tools. A control/display panel, Bluetooth, SD card memory and an optional weather sensor provide unrivalled functionality. Low power consumption and a user selectable sampling regime allow for up to a year of autonomous operation, whilst optional telemetry packages extend the capabilities for real time operations.

Radar sensors developed by Valeport such as the VRS-20, which is a pulsed k-band radar level sensor, are designed to work seamlessly with the TideMaster tide logger and to operate standalone with optional integrated GPRS telemetry or interface to a third party data logger. Versatile and simple to install, the VRS-20 addresses a number of the issues traditionally associated with water level measurement. The non-contact technology removes the installation, corrosion and fouling issues of submerged sensors, while simplifying datum control. Accuracy and performance are unaffected by changes in water density and atmospheric conditions.