

Newsflash

Sailbuoy World Tour - update from Beijing



The Sailbuoy with Aanderaa sensors made another port of call on its world tour in August with a visit to the World Robot Conference in Beijing. Here it joined the rQPOD and the HYCAT, highlighting Xylem Analytics different solutions for autonomous surface measurements in lakes, coastal and ocean areas.

The Sailbuoy with Aanderaa sensors is developed in collaboration with Offshore Sensing. It has repeatedly proven itself in Ocean observations. During the summer of 2018, the vessel was the first unmanned surface vessel that has crossed the Atlantic successfully. During the 80 days crossing, the vessel sailed a total of 5100km. Having safely crossed the Atlantic, the vessel went on to Norway, covering 7800km before being picked up by the Norwegian coast.

Complementing the Sailbuoy, the rQPOD modular remote survey boat is a lightweight and portable solution for water surveys in lakes and coastal areas. Equipped with the Sontek RiverSurveyor S5/M9, it collects hydrographic and bathymetric data quickly and efficiently. It is also a lot of fun to use!

The HYCAT autonomous surface vehicle is developed in partnership by YSI and SeaRobotics. It combines multiple products, such as water quality with YSI EXO2, side scan sonar, Sontek Hydrosurveyor M9 and Hypack software on-board processing.

The interest for the unmanned vessels and Xylem Analytics instrumentation was formidable during the

event in Beijing. These solutions provide the ability to cover a wider range of geographical locations and increase the amount of data from the field at a much lower cost. Whether in the ocean, lakes or coastal areas, these three autonomous vessels cover all major applications.

During this part of the tour, the Sailbuoy was equipped with oxygen, conductivity, UV antifouling and experimental sensors for upcoming applications. Look out for new sensors being featured on the Sailbuoy during the fall of 2019.



The Sailbuoy was getting a lot of attention at the World Robot Conference in Beijing.

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