



Press Release

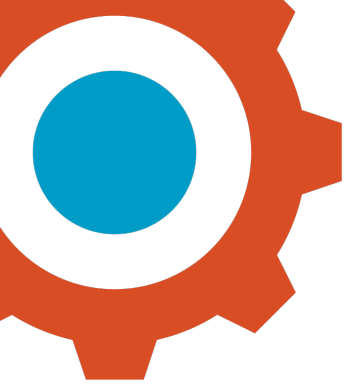
September 2025

Crystal Offshore equips another ship with RMS Smart Fuel Monitoring

Our successful partnership with Crystal Offshore continued on August 26, 2025, with the commissioning of Aquametro's Fuel Monitoring System on board the tugboat Crystal Arion. The Fuel Monitoring System had already been successfully installed on the sister ship Crystal Veda on August 4 of this year and has been providing reliable data ever since. We are very happy about Crystal Offshore's high satisfaction. Two more vessels to be equipped with the Aquametro Fuel Monitoring System are already being processed by our team in Singapore.

The **Crystal Arion** is now also well prepared for its operation in Labuan. The tugboat is equipped with flow meters for both main engines, integrated with each engine's RPM data. The monitored fuel consumption, measurements, and events are transmitted to shore, where charterers and ship owners can access the data (FMCC) via a web portal and mobile application to analyze engine performance.



**Onboard monitoring:**

- » Fuel consumption for two main engines
- » RPM for two main engines

Product/service details:

- » Industrial PC-based fuel monitoring and performance system RMS - expandable for all available data points and interfaces
- » Customized preconfiguration of the actual ship operating system on board (engines [ME's/AE's], boilers, shaft generators)
- » Supports multiple engines, bunkers, and engine parameters on board
- » Web portal for on board / on shore
- » Real-time monitoring of fuel consumption and all implemented parameters
- » Performance charts and reports available
- » Data storage and visualization of data history
- » Communication mode to onshore server for notifications, database and report updates
- » Minimal human intervention required
- » Fleet monitoring ashore based on available server database and reports (PC or mobile devices)

This further milestone was achieved through close collaboration with Crystal Offshore's technical and operations teams. We are delighted that Crystal Offshore is represented in the Aquametro FMCC platform network.

Learn more about our monitoring solutions [here](#)>



Since 1928, Aquametro Oil & Marine has been among the leading manufacturers and suppliers of volumetric meters for diesel fuel, measurement and optimization solutions for all kinds of oil and diesel-powered vehicles and ships, generator sets, diesel electric locomotives and marine shipping.

Our range consists of more than 100 different fuel meters and marine systems which have been developed specially for ships, transport vehicles and other heavy machinery in the shipping industry. We are also considered experts in viscosity measurement/control, performance measurement, monitoring and management systems for fuel performance and fuel switching units (HFO to MDO and vice versa).

With companies in Switzerland, Germany, India, Singapore, South Korea, the USA and the UAE and contacts all around the world, we can offer you seamless, professional and solution-driven support.

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