

SHIP MANAGER ADOPTS OCEANLY FUEL USE AND DECARBONISATION SOFTWARE

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Oceanly, a cloud-based performance software for fleet remote monitoring and subsequent reductions in fuel use and decarbonisation is to be installed on the Columbia Group's managed fleet.

Oceanly forms part of OneLink, a customisable solution which brings together a number of performance platforms under one umbrella, helping operators manage the complexities of vessel performance, while reducing costs and workload. With the ability to accommodate both hardware and data management onboard ship and ashore, OneLink can undertake high-level performance management across vessel types including tankers, dry cargo, cruise ships and LNG vessels. Through OneLink performance solutions, combined with Oceanly, owners and managers can detect energy inefficiency; compare sisterships, engines, and even crew between each other, to establish best practice and thereby drive down emissions; improve CII ratings; secure the data they need to better understand where the potentials are for the specific ships, and what type of ESDs can be utilised for any particular ship; and measure the effects of their installations before they deploy the technology on other ships.

Oceanly features a dual system, collecting and dashboarding performance data both onboard and ashore. Real-time data available onboard means crew do not need to rely on shore-based updates, resulting in faster reactions and improved decision-making.

Pankaj Sharma, OneLink MD said: "With the dynamic influx of emissions regulations coming in, we wanted a platform that was customisable, ready to integrate and scalable for the future, which is how we partnered with Oceanly via OneLink. We believe that with OneLink, we can bring in combined operational and technical efficiencies of between 5% and 12%. We have conducted pilots and understood the capabilities and these figures are very realistic. We recognise that change management is often not accounted for. However, at OneLink we adapt customer's existing processes while customising the solution for our clients."

OneLink solutions, combined with Oceanly, handle fleets that use sensor data, but can analyse information coming from manual inputs on older ships or vessels without sensors. This makes the solution applicable not only for new ships, but also for ships that have been in service for a while or for vessels where there is not full access to sensors (for instance short term Time Charter vessels).

Using standard or proprietary solutions, Oceanly's Data Collector (DC) can connect to any data source such as automation and navigation systems, onboard sensor systems and flow meters, while other systems such as Ecdis can also be integrated. The data not only allows real-time monitoring but the possibility to analyse historical data. Using sensor data for vessel reporting instead of manual input results in benefits such as increased sensor data accuracy, reduced errors, increased efficiency, better decision making because of accurate and up-to-date data, real time detection of potential hazards, as well as better compliance.