



Vessel Performance Merchant is a tailored application designed to enhance merchant vessel fuel efficiency and optimise performance of both vessel and its crew.

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## **Kongsberg Digital introduces Vessel Performance Merchant application to optimise Merchant Fleet**

To meet the merchant fleet's need for optimised voyage decision-making, Kongsberg Digital has just launched Vessel Performance Merchant. The application is a tailored application designed for the merchant fleet to enhance fuel efficiency and optimise the overall performance of both the vessel and its crew.

By collecting and contextualising data from the vessel's onboard sensors, automation systems, and manually reported data through the vessel-to-cloud cloud infrastructure Vessel Insight, the Vessel Performance application has been providing shipowners and crew members with valuable insights and analytics since its launch in 2020.

Offshore and merchant segments have distinct differences in terms of operational profiles and optimisation requirements. As offshore vessels operate on shorter, dynamic voyages and often need to be at a standstill in a single position over time – also known as dynamic positioning – merchant vessels undertake long and stable voyages. Also, a key difference is the planning phase of the voyage; where offshore operations objectives can change within a very short period of time, merchant voyages is normally planned several weeks ahead.

To address the differences in operations and underlying decision-making for the two segments, Kongsberg Digital is launching the 'Vessel Performance Merchant' application. This application is specially tailored for long, global-spanning merchant voyages in the maritime merchant segment.

The application will provide merchant vessel's operators with customisable dashboards that seamlessly integrate with other specialised performance and analytics tools, such as CII and Maritime Digital Twin Trim Optimization, as well as the Application Work Surface. Through this, Vessel Performance Merchant enables crew members and onshore management to make well-informed decisions regarding energy drivers, conduct voyage comparisons, and optimise fuel consumption.

*“Through successful collaboration with our esteemed clients and partners, we have identified the unique needs of the offshore and merchant sectors. As a result, we have developed Vessel Performance Merchant, a tailored tool that empowers operators of merchant vessels with an intuitive performance status dashboard. Utilising this powerful tool, shipowners and operators can optimise fuel consumption, reduce emissions, and achieve cost savings – thereby leading the way towards a cleaner and more sustainable future.”, said Sigrid Johansen, Product Manager in Kongsberg Digital.*

Vessel Performance Merchant will be built on the same interface and functionality as the original Vessel Performance application. The application will be available through the marketplace.

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Image captions:

Image 1 - Vessel Performance Merchant is a tailored application designed to enhance merchant vessel fuel efficiency and optimise performance of both vessel and its crew.

Image 2 - Sigrid Johansen, Product Manager at Kongsberg Digital, presented the Vessel Performance Merchant application on Kongsberg Digital's Tomorrow Show this week'.

**For more information, please contact:**

Henning Hammer Torp, Senior Communications Advisor, Kongsberg Digital  
Henning.torp@kongsbergdigital.com  
+47 416 99 349

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**Kongsberg Digital**

Kongsberg Digital is an industrial software company shaping the future of work by changing how businesses design, operate and maintain their assets. Businesses trust us for our innovative carbon capture and storage technology, new energy ventures towards net zero, voyage optimisation, emissions reduction, and technology to help balance grids and complex power systems. We are transforming carbon-intensive industries by providing industry-leading solutions that extract value from industrial data. We enable businesses to connect physical assets to an industrial work surface, serving as one common infrastructure for decision-making across the value chain.