



Blue Wasp Marine and Theyr Launch Strategic Partnership to Integrate High Fidelity Vessel Models and to Refine Business Analytics and Voyage Optimisation for Wind Assisted Vessels.

July 3rd, 2023

Blue Wasp Marine and Theyr proudly announce a strategic partnership to deliver best-in-class vessel models and innovative business analytics through Theyr's voyage performance optimisation solutions.

Building upon Theyr's recent partnership with Spire Global, which enables access to global weather data for Theyr's AI-powered weather and voyage performance optimisation engine, this new collaboration unlocks further business analysis opportunities. Blue Wasp Marine's high-fidelity vessel models will be integrated with Theyr's AI-powered voyage performance optimisation engine, T-VOS. This integrated solution empowers the maritime industry with enhanced resource management, reduced fuel consumption,

improved safety, and more accurate Estimated Time of Arrival (ETA) predictions. The partnership aims to redefine the future of performance routing by delivering unparalleled accuracy, reliability, and availability.

The partnership combines three advanced products: Blue Wasp Marine's vessel models, Theyr's multi-objective voyage performance engine T-VOS, and Spire's weather data. These comprehensive tools will be accessible through a secure webpage login or an onboard data link, providing vessel operators with real-time insights and optimisation capabilities.

Nico van der Kolk, a representative of Blue Wasp Marine, stated, "This partnership represents the combination of three superior products, enabling us to provide highly accurate predictions promptly. Maritime operators can now make well-informed decisions regarding the design and development of their fleet, leading to improved efficiency and performance. The value for wind-assisted vessels is uniquely complementary, as vessels can adapt their routing to maximise wind powering."

Moreover, this partnership will leverage Blue Wasp's ongoing development of a bespoke wind-assist feature set. The feature set will enable rapid statistical analysis of historical and current voyages for desk studies, and dedicated multi-dimensional vessel performance polars for operational routing advice.

The seamless integration of economic considerations and time constraints through a multi-objective genetic algorithm, resulting from a decade-long collaboration with the University of Southampton and The Alan Turing Institute, sets this offering apart. The advanced capabilities of the web application interface or onboard routing advice, updated hourly, empower vessels to navigate the most optimally efficient routes, avoiding potential hazards associated with extreme weather conditions while reducing fuel consumption and emissions.

Peter Mantel, Chief Commercial Officer at Theyr, further comments, "We are delighted to collaborate closely with Spire Global to enhance our voyage performance AI technology with the most advanced weather data and forecasting services. This new partnership with Blue Wasp completes the package with best-in-class vessel models."

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Notes to Editors

About Blue Wasp Marine B.V.

Blue Wasp Marine is dedicated to wind-assisted propulsion as a decarbonization solution for the maritime industry. Based on over a decade of PhD research, Blue Wasp has developed Pelican, a unique simulation tool that offers rapid, reliable performance predictions. With its highly flexible and customisable character, Pelican informs correct decision making and ensures the best results in wind-assisted propulsion.

Website: www.bluewaspmarine.com

About Theyr Ltd.

The T-VOS Optimisation Engine has been developed in partnership with the University of Southampton and the Alan Turing Institute. It utilises a world-class multi-objective genetic algorithm that optimises voyages simultaneously for safety, weather, departure and arrival times, fuel and carbon footprint, allowing one to select optimal routes and voyages.

Website: www.theyr.com

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