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## **Spire Global to partner with Theyr and to provide Maritime Weather Data to Power the T-VOS Voyage Performance Optimisation Engine**

[Spire Global](#), a leading global provider of space-based data, analytics and space services, have entered into a new partnership agreement with Theyr to provide global weather data sets to power Theyr's weather and voyage performance optimisation engine and to relicense the integrated solution.

Spire has the ultimate vantage point from space to collect global weather data through its constellation of over 100 satellites, reaching remote areas like the open oceans that have traditionally been difficult to gain insight into. Spire's unique weather observations, coupled with cutting-edge machine learning techniques to enhance the data, provides a reliable and accurate global weather forecast. This is especially important in the maritime industry, where ships may be confronted midway through their journeys with hazardous weather conditions that pose a threat to crew safety and can significantly delay their arrival.

Merging Spire's accurate weather insights into Theyr's AI-powered voyage optimisation software and high-quality metocean data will give the maritime industry direct access to managing their resources more efficiently, optimising fuel, safety and ETAs. This integrated solution will deliver "unprecedented accuracy, reliability and availability" and will reshape the future of performance routing.

*"We're happy to contribute to Theyr's vision of maritime innovation that will help build more sustainable shipping operations," said Mike Eilts, General Manager of Weather and Earth Intelligence, Spire. "With 80% of our world's ocean remaining unmapped and unexplored, it's difficult to predict ocean weather through traditional, terrestrial-based methods. Our satellites, which scan all points across the globe from the remote regions to the vast oceans, fill a critical gap in collecting weather observations, allowing us to run proprietary models and produce best-in-class forecasts."*

Peter Mantel, Chief Commercial Officer at Theyr, further comments, "We are incredibly pleased to work in close collaboration with Spire Global to continue enhancing our voyage performance AI technology with the most advanced weather data and Forecasting services."

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## Notes to Editors

### **About Spire Global, Inc.**

Spire (NYSE: SPIR) is a leading global provider of space-based data, analytics and space services, offering access to unique datasets and powerful insights about Earth from the ultimate vantage point so that organizations can make decisions with confidence, accuracy, and speed. Spire uses one of the world's largest multipurpose satellite constellations to source hard to acquire, valuable data and enriches it with predictive solutions. Spire then provides this data as a subscription to organizations around the world so they can improve business operations, decrease their environmental footprint, deploy resources for growth and competitive advantage, and mitigate risk. Spire gives commercial and government organizations the competitive advantage they seek to innovate and solve some of the world's toughest problems with insights from space. Spire has eight offices across the U.S., Canada, UK, Luxembourg and Singapore. To learn more, visit [www.spire.com](http://www.spire.com).

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### **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 to select optimal routes and voyages.

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