

GAC-SMHI

Weather Solutions

Powered by **Swedish Meteorological and Hydrological Institute (SMHI)**

Reliable navigation you can trust



Real-time weather reporting and route planning solutions for safe and economical navigation.



Delivering your strategy.

SMHI

Your all-weather ally for safe, efficient voyages

Whether you're heading for stormy waters or sailing smooth, GAC-SMHI Weather Solutions gives you the peace of mind you need for optimum voyage planning.

GAC-SMHI Weather Solutions combines the commercial strength and global reach of the GAC Group with the scientific expertise of the Swedish Meteorological and Hydrological Institute (SMHI) to give you the meteorological and oceanographic data you need to navigate safely and efficiently, wherever you go.

Round-the-clock support

Our experienced marine meteorologists based in Norrköping, Sweden, work around the clock, providing constant updates to vessels plying the world's sea routes. Support packages are individually tailored to the specific needs and circumstances of each vessel.

The personal touch

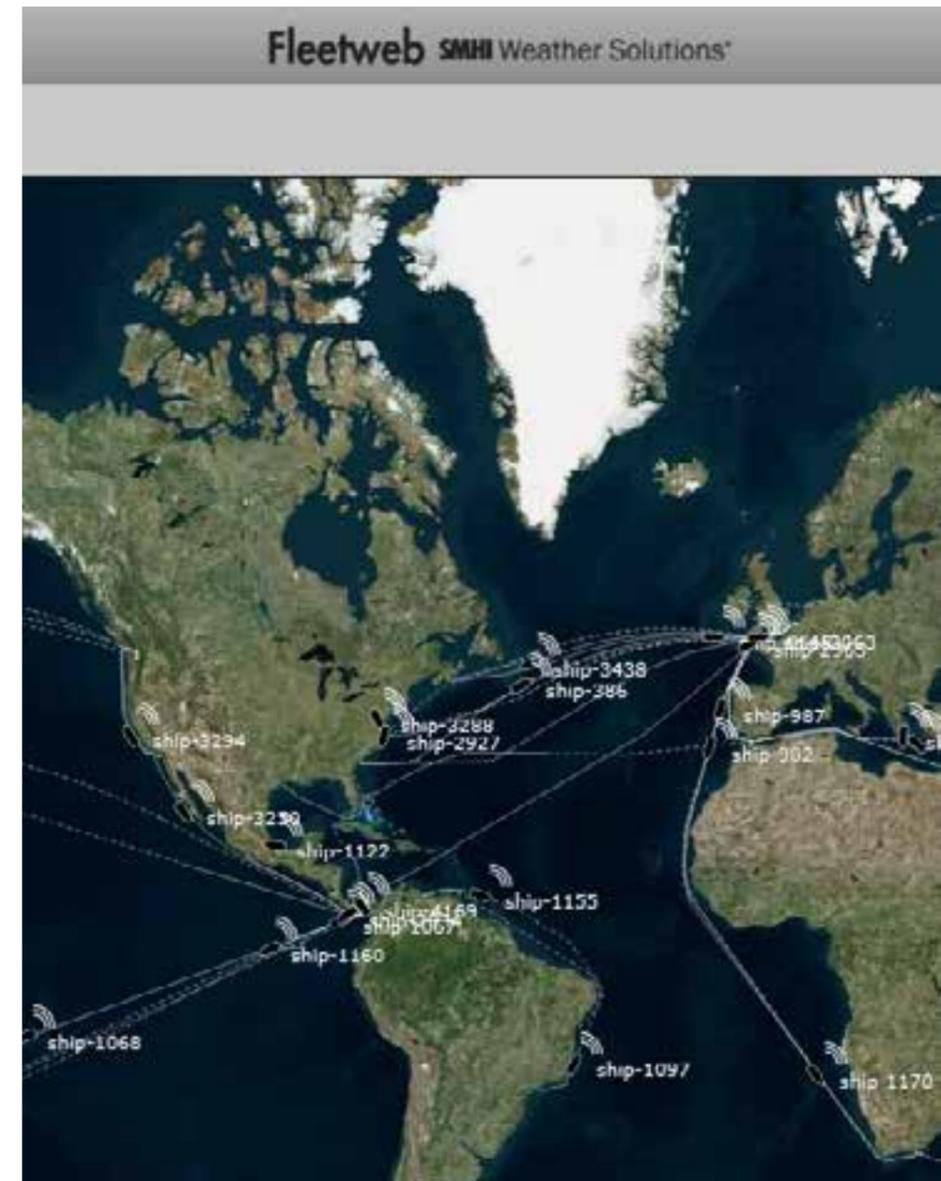
GAC-SMHI Weather Solutions' applications provide a platform for instant communication and interaction between our customer, the ship owner and our staff throughout each voyage. At all times, principals and masters have access to the expertise of GAC-SMHI's meteorologists, hydrologists and oceanographers, including best research and development

capabilities, first class onboard and shore based systems linked to its weather centre in Norrköping, Sweden.

The GAC-SMHI Weather Solutions portfolio covers services from the basic to the most advanced level, enabling you to choose and customise based on your needs:

- **Route Advice:** top-class advisory services provided worldwide by SMHI's highly skilled marine meteorologists for voyages longer than three days.
- **SMHI Onboard Weather Routing System (SOR):** advanced onboard planning software-based service allows ship captains to receive and view high quality weather forecasts, perform route analysis and optimise planning for the next or current voyage.
- **Post Voyage Analysis (PVA):** performance evaluation based on the wind, wave and current database in combination with the captain's report on the vessel's progress.

- **Fleetweb:** custom-made web-based application provides constant updates on weather forecasts and analyses of the vessel's performance in a graphically intuitive interface.
- **Visualisation of Performance Analysis (VisPer):** the most powerful tool of Fleetweb filters and visualises huge amounts of complex data to provide a clear and objective picture of past and current performances of your fleet. VisPer also helps you see new relations between the parameters affecting your ship's performance and even can tell when hull/propeller cleaning is required to improve fuel efficiency. Reports generated by VisPer can be exported to Excel or PDF format for your ease of sharing and analysis.
- **Fuel Time Analysis (FTA):** compare actual sailed voyages with recommended routes based on ETA or speed settings. The analysis can be done before, during or after each voyage.



**SAFE,
PROFITABLE
SHIPPING**

Be it time-efficiency or fuel cost savings that drive your voyage, GAC-SMHI Weather Solutions helps you save time, money and lives as you sail across the oceans.



Secure and optimise your operations with GAC-SMHI Weather Solutions

About the GAC Group

GAC-SMHI Weather Solutions is part of the GAC Group, a global provider of integrated shipping, logistics and marine services. Established since 1956, the privately-owned group employs over 9,000 people in more than 300 offices worldwide.

In partnership with the Swedish Meteorological and Hydrological Institute (SMHI), one of the world's top five weather routing service providers, we offer customised products and meteorological expertise to help global maritime business achieve greater profitability and safety.

The GAC advantage

- Global coverage-represented in thousands of locations
- Extensive and reliable meteorological and oceanographic data
- 24/7 support from professional marine meteorologists with expertise in weather routing and shipping knowledge
- Full involvement with both the Captain onboard and operators ashore at all times
- User-friendly and custom-made IT-based applications
- Outstanding data visualisation enabling agility and insight to support decision making

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gac.com/weathersolutions



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