



# GAC-SMHI Weather Solutions

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

Whether you're heading for stormy waters or sailing smooth, we give you the peace of mind you need for optimum voyage planning.



Delivering your strategy.

**SMHI**

## GAC-SMHI Weather Solutions helps you save time, money and lives as you sail across the oceans.

We combine 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,

### Data excellence

Our experienced marine meteorologists in Norrköping, Sweden, work around-the-clock, providing constant updates to vessels plying the world's sea routes.

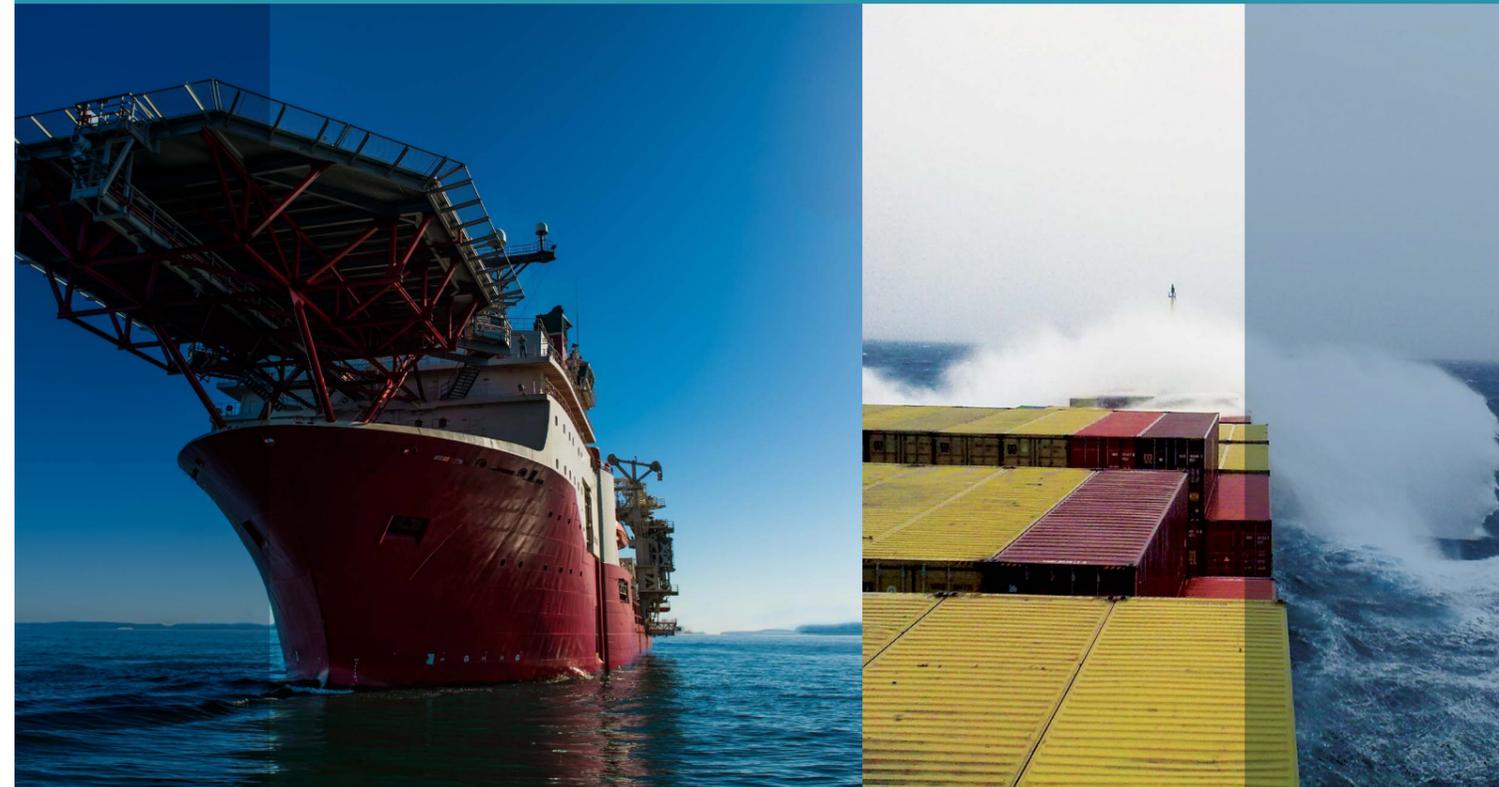
- **Route Advice:** top-class advisory services provided worldwide by SMHI's highly skilled marine meteorologists for voyages longer than three days.
- **SMHI Onboard Weather Routing System (SOR):** advanced onboard planning software-based service allows ship captains to receive and view high quality 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):** 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 when hull/propeller cleaning is required to improve efficiency. Reports generated by VisPer can be exported to Excel or PDF format.
- **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.



### World-class service

Support packages are individually tailored to the specific needs of each vessel/voyage.



## Your all-weather ally for safe, efficient voyages

### The personal touch

GAC-SMHI Weather Solution's applications provide a platform for instant communications between our customer, the ship owners 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 center in Norrköping, Sweden.

Our services portfolio covers services from the basic to the most advanced level, enabling you to choose and customise based on your needs.

# Reliable navigation you can trust



## About the GAC-SMHI Weather Solutions

GAC is a global provider of integrated shipping, logistics and marine services. Emphasising world-class performance, a long-term approach, innovation, ethics and a strong human touch, GAC delivers a flexible and value-adding portfolio to help customers achieve their strategic goals. 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.
- Round-the-clock support from professional meteorologists with expertise in weather routing and shipping knowledge.
- Full involvement with both the Captain onboard and operators ashore at all times.
- User-friendly interface and custom-made IT-based applications.
- Outstanding data visualisation enabling agility and insight to support decision making.
- Export reports to PDF or Excel format for sharing and analysis.



Secure and optimise your operations with GAC-SMHI Weather Solutions.

## GAC-SMHI Weather Solutions

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**SMHI**