Integrated innovation. Delivered.
The only combined and connected choice

// Weather routing services
// Voyage planning & route optimization
// Fleet performance management
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About StormGeo

StormGeo is a global provider of weather intelligence and decision support services, with leading solutions for shipping, oil and gas, renewable energy and aviation. More than 12,000 ships rely on StormGeo software or services for navigational planning, route optimization, weather and fleet performance. The company has offices worldwide, including six 24/7/365 operations centers. As a participant in the UN Global Compact for Sustainable Ocean Business, our passion for weather and the protection of natural resources motivates us to support our clients in making informed, environmentally responsible business decisions.

In 2018, StormGeo weather routing helped the shipping industry

- Save 1 million MT of fuel
- Save $405 million in fuel costs
- Reduce 3 million MT of CO2
StormGeo delivers the only all-in-one system for voyage planning, route optimization, fleet performance management and weather routing – delivered from a single company.

**Weather routing services**
- 24/7 on-demand route and performance advice.
- Cloud advanced analytics and safe data storage.

**Route Advice Services**
- // BVS
- // NaviPlanner BVS
- // NaviUpdate
- // NaviTab

**Voyage planning & route optimization**
- Route optimization.
- Navigation, voyage plans and ENCs.
- Digital publications.
- // ECO Insight
- // FleetDSS

**Fleet performance management**
- Commercial and technical performance analysis.

// Integrated innovation. Delivered.
Weather routing services
Our experienced staff of weather routing experts will recommend the optimum route, taking into account an analysis of all variables, including the weather, current, vessel type, age, stability, cargo and speed — delivering cost-effective, safe routes. Market leading Vessel Performance Reports include authoritative analysis.

Voyage planning & route optimization
StormGeo integrates all voyage planning elements into one optimal workflow, with a focus on usability and connectivity.

Fleet performance management
StormGeo gives shore-based teams access to fleet performance and advanced analytics tools — all connected to our onboard systems to improve efficiency and safety.

Key benefits of our connected portfolio
The only single-source solution spanning voyage planning & route optimization, fleet performance management and weather routing services.

// Customizable – All StormGeo products and modules can be used separately, although they perform best together.

// Compatible – All StormGeo products products are modular and work with most third-party solutions.

// Automatic – All StormGeo digital applications are automatically updated.

// Secure – Data is safely transmitted and stored onshore.

// Support – StormGeo provides 24/7 route advice and C/P performance resolution support.

// Transparency and compliance – Onboard products are connected to shore-based management for fleet compliance and analysis.
// Weather routing services

// Voyage planning & route optimization
The combination of experienced route analysts and StormGeo technology ensures the safest and most efficient voyage.

**Route Advice Services**

- **Classic routing** – optimum route given the C/P terms
- **Fuel optimization service** – choice of speed/cons for lowest total costs, versus fuel prices hire/pace
- **ETA service** – when arrival time is a primary concern

StormGeo is the only ship routing company to use vessel and voyage-specific severe motion alerts based on vessel size, draft, stability, speed, heading and sea conditions. Our experienced Route Analysts provide strategic voyage guidance and are available 24/7.

The commercial performance of all voyages can be monitored continuously through our shore-based FleetDSS, including messages between Route Analyst and vessel, latest weather information and fleet overview.

StormGeo’s Performance Resolution Team is well versed in the latest arbitration rulings and can help provide the necessary advice to confirm the approach and data used within the provided performance report.

**Key benefits of weather routing services**

- **Improved safety** for the vessel, crew and cargo
- **Time and fuel savings** through optimized route planning
- **Improved communication** between vessel and shore
- **Documentation**—Market leading Vessel Performance Reports

Ensure the safety of your vessel, crew and cargo.

Improve voyage commercial viability.

Receive market-leading voyage performance reports.

Access expert performance dispute assistance.

// For more information or to schedule a call with a representative, email us at info@stormgeo.com
Run one integrated workflow.

Ensure compliance.

Optimize routes.

Prevent cyber threats.

BVS

NaviPlanner BVS

NaviUpdate

NaviTab

BVS™ is the most used route optimization system in the industry with installation on 6,000 vessels.

Optimize routes for least cost, required arrival time or least time

Best in class weather forecasts

Display routes recommended by StormGeo route advisory service

Routes can be viewed and monitored in FleetDSS onshore

NaviPlanner BVS™ is a full-service navigational planning solution, combining weather and routing capabilities of BVS, ENC ordering and voyage plan generation to create reliable, optimized routes.

End-to-end voyage and automated route planning

Option for manual route creation

Online ENC ordering

Compliant Passage Plans

NaviUpdate™ connects the NaviPlanner BVS securely to the ECDIS for direct transfer of compliant routes and charts.

Maintains ENC charts

Works with any ECDIS

Keeps vessels compliant

Enhance cyber security by removing the use of USB sticks

NaviTab™ is a powerful digital publications tablet capable of storing all your needed publications together in one, easy-to-use virtual bookshelf. You can also upload your own documents.

Eliminate freight costs

Publications available instantly

Automatic updates ensure compliance with SOLAS Regulations

Search by keyword or phrase

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Fleet performance management
StormGeo gives shore-based teams access to fleet performance and analytics tools – all connected to advanced onboard data collection systems to improve efficiency and safety.

This level of reporting and analysis provides profound decision support to ship owners or liner and tramp operators.

**ECO Insight**
ECO Insight makes fleet performance visible and easy to understand. Vessels capture vast amounts of data. It allows ship owners and operators to make informed decisions that can save fuel, reduce emissions and lower operational costs.

**Key benefits**

- **Identify measures** that achieve savings—including integrated voyage, hull and propeller, engine and systems, and fuel quality performance
- **Increase operational efficiency** with scalability for all fleet sizes, alignment on onboard and onshore teams, unique benchmarking against fleet or externally, and accurate baseline data
- **Demonstrate control** and transparency to customers and other stakeholders with bespoke analytics and reporting schemes
- **Deliver** full environmental reporting and energy efficiency
- **Implement quickly** at low CAPEX and low effort with access to StormGeo’s technical experts

StormGeo and DNV GL create a new fleet performance management powerhouse
In cooperation with DNV GL, StormGeo is consolidating its fleet performance management systems, ECO Insight and FleetDSS, creating a new powerhouse in fleet performance management.

Both FleetDSS and ECO Insight users will experience continuous updates leading towards a combined and enriched system.

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Fleet Decision Support System (FleetDSS)

StormGeo's FleetDSS is a customizable fleet management system that integrates and organizes weather, voyage reporting, sensor data and expert assistance in one powerful analytic tool.

FleetDSS is designed to promote three-way communication between the Master, the operator and StormGeo – improving efficiency and safety.

**FleetDSS has been designed to**

- **Streamline routine work** of fleet management by identifying the vessels that need the most attention
- **Analyze** vessels’ technical, commercial and operational performance
- **Enable ship owners** to be fully compliant to regulatory requirements such as MRV and IMO DCS

**For owners**

Make data-driven, commercial decisions and create awareness.

- KPI dashboard provides a quick overview of your fleet deployment and performance
- Operating profile shows critical parameters at-a-glance
- Analysis report enables in-depth voyage performance analysis
- Alert dashboard continuously checks thresholds and vessel parameters

**For operators**

Easily assess a ship’s voyage progress when routed by StormGeo.

- ETA & Speed Confidence
- Speed & Consumption Variance
- Progress Graph – see how diligently the Master is following the constant power strategy
- Compare your fleet against the market, such as the fuel efficiency of your vessel to a peer group of the same ship type

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