NaviPlanner™

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NaviPlanner™
The complete voyage planning software

All-in-one voyage planning tool

NaviPlanner is one of the most important decision support tools available to modern shipping; the first navigational planning solution in the market with integrated weather intelligence capability.

It is used by bridge officers to make operation-critical decisions on the bridge – from planning all available route options in seconds, monitoring real-time weather to producing compliant voyage plans.
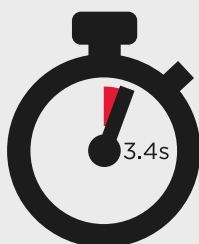
Using NaviPlanner as an onboard to onshore planning tool can generate significant savings in time and fuel. NaviPlanner provides reliable route suggestions based on machine learning and big data: data sources including optimum voyages used by mariners, compliant navigational chart data and digital publications. It integrates with StormGeo's BVS weather intelligence to optimise decision making and usability, providing an intuitive way to make reliable, mission-critical choices in port and at sea.

The software enables you to export a complete voyage plan in just a few minutes to ensure your vessel is fully compliant.
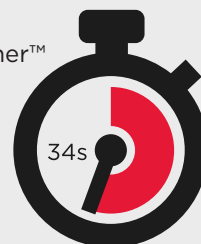
Features

- Manual route creation using maps and waypoints
- Automated route planning with route suggestions
- Real-time StormGeo weather intelligence for planning and adapting voyages
- Route editing
- View accurate voyage distance
- View global ENCs and ENCs required
- View port information and include in plan
- ENC online ordering facility
- Copy permit files to USB for vessel's hardware e.g. ECDIS
- Create and personalise compliant voyage report
- Export voyage report as printable PDF
- View cell options – overview, general, coastal, approach, harbour, berthing

- Traffic light system to help build the report
- Layer information on the map – text, lights text, ports, piracy information, NavArea warnings
- View weather data by region and weather type – wind, rain, pressure
- View contour settings – shallow, deep, safety
- Enter vessel's turn radius and speed
- 24/7 support via phone and email
- Does not require specific hardware
- DVD and quickstart guide
- Touchscreen compatible
- Compatible with NaviManager and NaviUpdate
- ENCs available through our Pay-As-You-Sail™ service
- Available in one of our FlatFee™ bundles.

Average time to see automated route suggestions — 3.4s

Time for NaviPlanner™ to calculate route options — 34s

Average time to create a voyage plan (inc port information option) — 18min

Typical per vessel fuel cost savings $9000pa

Average CO_2 saving per vessel xxxx tonnes

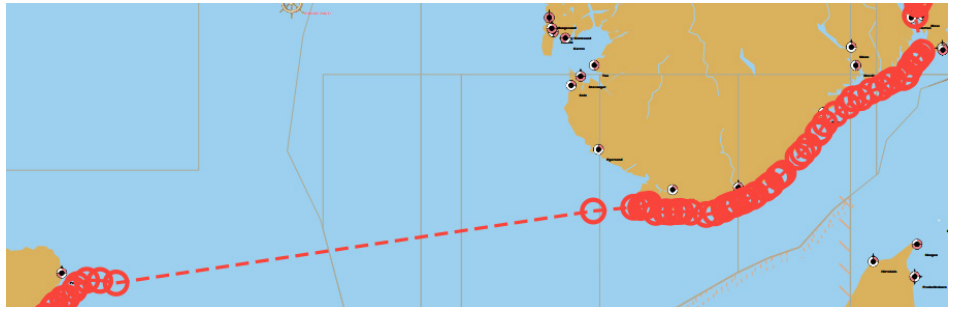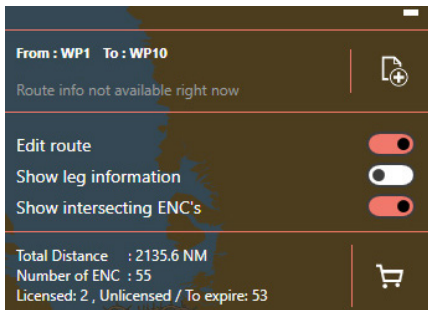Individual ENC cells: Approx. 15800

Potential route suggestions: > 60 million

18 billion waypoints for flexibility and control

Digital charts

NaviPlanner allows you to see digital charts (ENCs) to refine your route plan. When you plan a route the software identifies the required ENCs to safely navigate the route.

It also tells you which ENCs you have in your inventory – and which ENCs you need to download or update. You will see, based on your subscription, whether the ENCs are licenced or require purchase, and the software has a 'shopping basket' to make ordering simple.

With our Pay-As-You-Sail™ service all ENCs are available for route planning free of charge and are already available on board.

Charts download using our proprietary ECTP – a protocol that both compresses the files and ensures there no loss of data if your vessel encounters a drop out – such as loss of signal at sea, or because of bridges, mountains, cranes etc. Downloads require a standard Internet or satcoms connection.

Benefits for shipping companies:

- Rapid installation with support 24/7
- Monthly billing to make budgeting simple
- Simple way to start using digital charts
- Onshore and offshore decision making
- Efficient route planning to make time more productive
- Better planning can improve fuel efficiency
- Constant improvements integrated at no extra cost
- Typical cost savings per vessel:
- $xxx on digital charts v paper
- $xxx on fuel on a 4000nm voyage
- Whole life cost saving over 3 years $xxx

Benefits for mariners:

Simple and intuitive to use
- Range of support videos and guides
- Easy to create a compliant digital voyage plan
- Real-time weather data for decision making
- Printable pages and PDF outputs
- 18 billion waypoints for total flexibility and control
- Piracy and current data available
- Lightweight data used low bandwidth on satcomms
- No data loss due to proprietary ECTP protocol

StormGeo weather intelligence

NaviPlanner can include StormGeo's BVS weather intelligence to make voyage planning efficient and safe. It includes advanced analytics to not only provide relevant meteorological data for the voyage plan, but intelligently suggest route options that will save time, fuel and keep the crew safe. It also delivers weather warnings to enable effective and rapid decision making during a voyage. The products are integrated to make planning simple and fast.

Compatibility

NaviPlanner™ is designed to be compatible with virtually all bridge hardware systems without requiring additional hardware. When ENCs are updated, your permit files can be transferred from the PC via USB stick or cable to any ECDIS system for complete compliance – or managed even more effectively using NaviUpdate™.

NaviPlanner™ is designed to be used with other optional Nautisk products.

Available options

The NaviPlanner software is fully functioning out of the box, but certain options require subscription to activate. This includes:
- StormGeo BVS weather intelligence
- Piracy warnings
- NavArea warnings
- Google Maps-integrated port information.

Simple installation

- Available on DVD or download
- PC or equivalent running Windows 7 or above
- Touchscreen compatibility included for compatible devices
- Installation team on-hand 24/7 for support.

Pricing

One-off fee, monthly subscription – per vessel or multi-vessel fleet. Prices available on request.

Support

Support for NaviPlanner is free of charge and available 24/7 from our global support team, via phone or email.

NAUTISK™
A StormGeo Company