

seaPro Pilot

the ultimate carry on board navigation system

seaPro Pilot provides a powerful yet easy to use carry on board system that interfaces to GPS, ship-board sensors and AIS transponders. Together with a ruggedized laptop, specialised pilot software, official charts and wireless connectivity to a ship's pilot plug, seaPro Pilot provides an easily portable navigation station.



seaPro Pilot System showing SEAMate 1A connected to the pilot plug and the information being sent wirelessly to the laptop

Key Benefits

Improved safety

- Real-time navigation
- 'At a glance' situation awareness
- Overlay of AIS targets on charts
- Automatic 'look ahead' view for maximum clarity
- Weather overlays
- Electronic chart corrections either on CD ROM or internet download
- Man overboard marker
- Built in AIS fault diagnosis

Increased operational efficiency

- Easy to use system interface
- Practical route planning tools enable passage plans to be quickly calculated or checked
- Electronic range and bearing tool
- Multi window displays
- Can communicate passage plans, logs, weather data and chart updates via email
- Data logging of position, track and AIS targets
- Own vessel AIS position check with secondary position fix

Realtime navigation

The navigator is automatically provided with a real-time position of the vessel and other important information for situation awareness, including :

- AIS target position and vector information
- Repeated data from other sensors including log and gyro via the pilot plug
- Projected position from heading or course over ground
- Vessel track
- Scaled vessel outline
- ROT indicator

Look-ahead view

seaPro provides both relative motion and true motion modes. Relative or 'look ahead' mode enables the vessel to remain at a fixed position giving the navigator a clear view ahead of the vessel. In this mode the chart is automatically scrolled in the background allowing true hands free operation.

The use of multiple windows allows the Pilot to keep an overview of the route as well as closely monitoring the vessel position at the same time.

In addition the chart orientation can be set to the following modes :

- North up
- Heading up
- Route up

Route planning

Advanced route planning facilities that enable tidal and magnetic variation to be automatically calculated in passage plans. Schedule information including ETA and time-to-go are provided in addition to a print formatted passage plan.

En route the seaPro instrument panel gives you constantly updated information of how you are performing in relation to your planned route.

Multiple routes can be displayed at the same time allowing the navigator to select the correct one quickly and easily

Authorised Dealer

Integrated weather information

Weather data from various official Meteorological Offices can be delivered via email and animated within seaPro to show visual dynamic weather forecasts. Information that can be displayed includes pressure, wind speed, wind direction and wave heights.

Chart formats

seaPro Pilot is a 'multi-fuel' platform that supports both raster and vector chart formats to provide the best choice of charts world-wide.

Vector chart formats :

- S-57 ENC
- Livechart
- Navionics

Raster chart formats :

- ARCS Navigator and Skipper
- BSB

Chart corrections

Chart updates available as frequently as once per week on a CD ROM or as an online download (depending on chart format and type).

Hardware

Toughbook laptop - Rugged yet powerful, featuring a bright screen and long battery life it is the perfect choice for this system.

SEAMate 1a - Provides NMEA data wirelessly to the PC from the ship's pilot plug. It can also work as an independent GPS.

Options

Admiralty Total Tide - The world's most comprehensive tidal prediction program providing fast accurate tidal height and tidal stream predictions from the UKHO. Interfaces directly into seaPro Pilot.

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