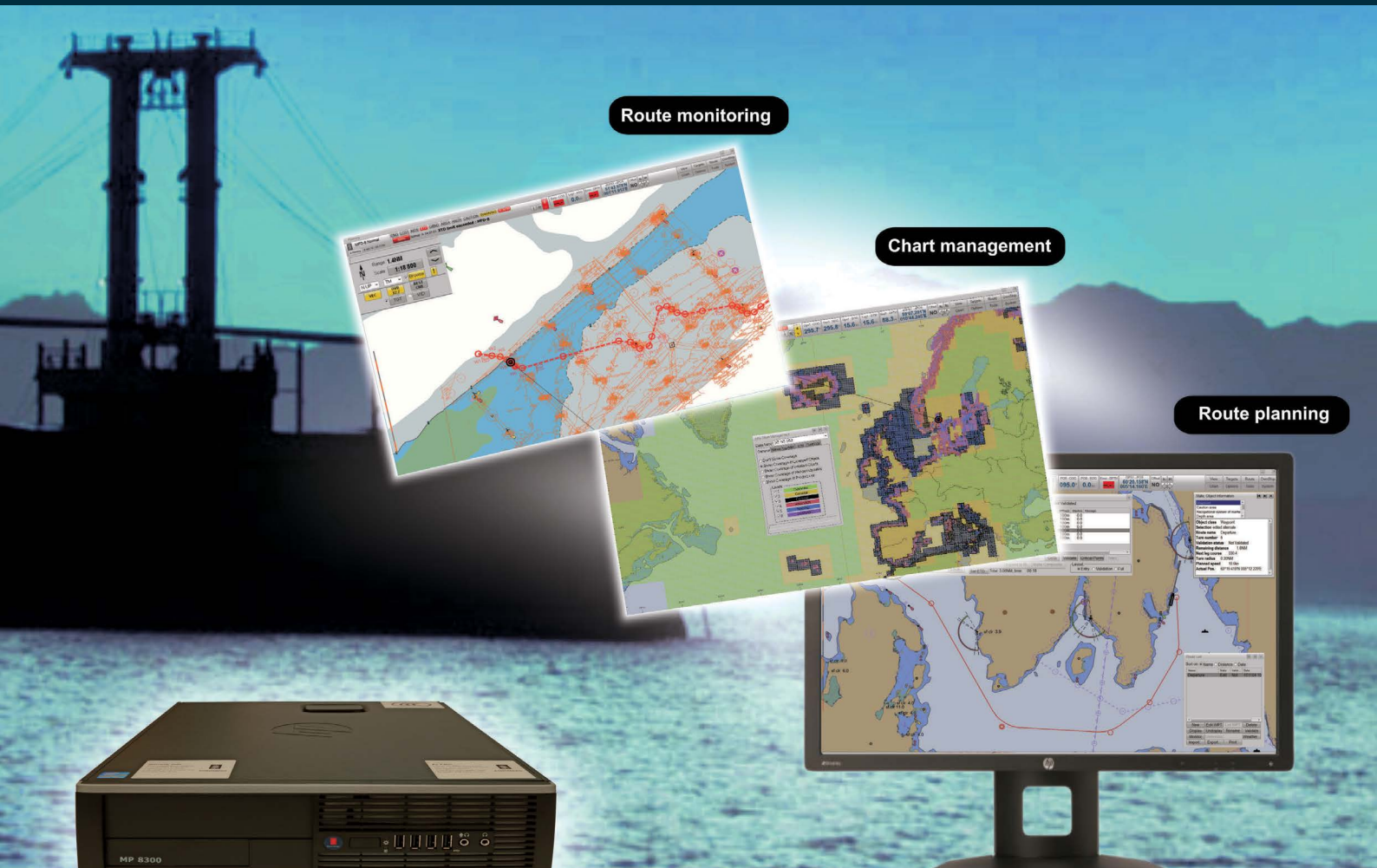


K-NAV PLANNING STATION



KONGSBERG



COMBINING ECDIS FUNCTIONALITY WITH SHORE-BASED SERVICES

A Planning Station with full ECDIS functionality for chart management and voyage planning

Description

The K-Nav Planning Station is a “back-office” station for the K-Nav bridge navigation system. It is primarily designed for voyage planning and chart management.

The station can be interfaced to Kongsberg Remote Services, giving access to: chart update services, NMs (notices to mariners), weather forecasts, harbour information, anti-piracy information, remote support, and other special services available to mariners and required by vessel owners (such as shore-based tracking and management of vessels at sea).

Benefits

- The same comprehensive and flexible route planning facilities as are available on K-Nav ECDIS.
- As the route is being planned, it is checked by the system against the vector chart database. When the planned route crosses the user-specified safety contour or the border of a restricted access area, warnings are issued.
- Route monitoring can be performed.
- K-Nav Planning Station can display radar video (from a selected radar display) as an overlay on the chart.
- As an alternative to receiving chart updates from Kongsberg Remote Services, it is possible to perform chart mirroring from the Planning Station to the K-Nav ECDIS and K-Nav Radar operator stations.
- Integrated system-wide palette, alert acknowledgement, and alert sound-off controls.
- Routes can be exported to other KM operator stations (over the LAN) or to third-party systems over a serial connection.
- A Site Map option allows non-ECDIS (AutoCAD or GeoTIFF) data to be displayed on the chart.
- A Survey option allows surveys to be planned and performed.
- A Wind Farm Route Planning option allows routes to be planned through a wind farm for a vessel that is making scheduled service or delivery stops at several turbines. The planned route uses up-to-the minute weather and tide prediction data.

TECHNICAL SPECIFICATIONS

PC

Dimensions:	338 x 379 x 100 mm
Weight:	7.6 kg (8.5 kg with mounting kit)
Input voltage:	115/230 VAC (autosense)
Frequency:	50/60 Hz
Power consumption:	Approx. 240 W
Network connection:	10/100 Mbit Ethernet, using standard RJ45 connector.

Display

Dimensions:	556 x 362 mm
Weight (with stand):	6.6 kg
Resolution:	1920 x 1200
Input voltage:	90 to 265 VAC
Input frequency:	50-60 Hz
Power consumption:	40 W (max) 35 W (typical) 0.5 W (sleep) 0.5 W (off)
Operating temperature:	5° to 35° C
Storage temperature:	-20° to 60° C
Relative humidity:	20 to 80%
Enclosure protection:	IP20
Energy efficiency compliance:	ENERGY STAR® qualified

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