

# K-NAV PLANNING STATION

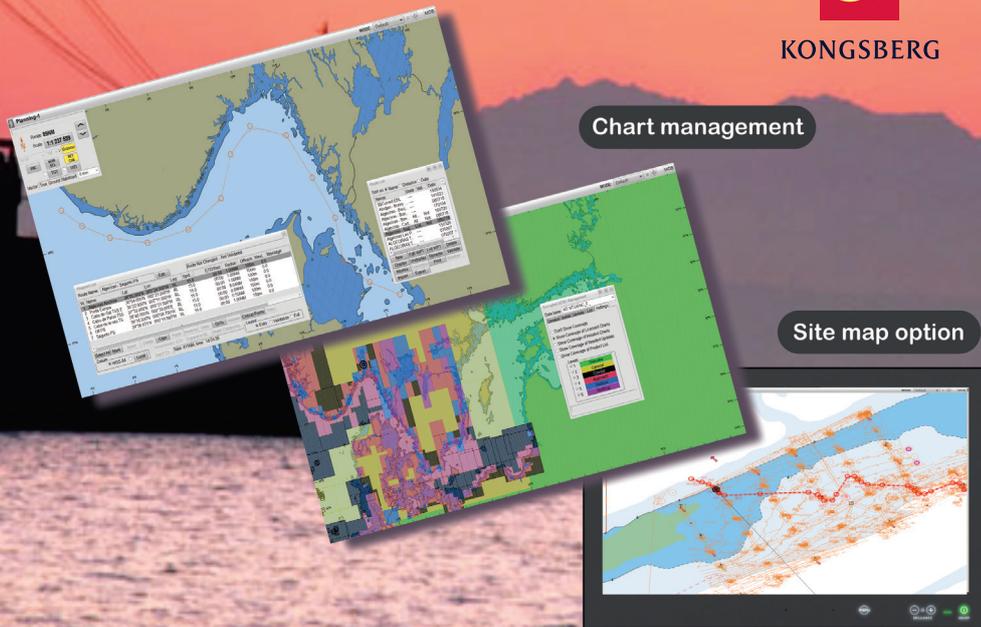


KONGSBERG

Route planning

Chart management

Site map option



## A PLANNING STATION WITH ECDIS FUNCTIONALITY ON A PANEL PC

The K-Nav Planning Station is a “back-office” station designed for chart maintenance and voyage planning. It provides standard ECDIS functionality – including route planning and validation – but on a desktop Panel PC).

### Features

- The same comprehensive and flexible route planning facilities as are available on K-Nav ECDIS.
- Validation of the planned route against the vector chart database. (If it crosses the safety contour or the border of a restricted access area, warnings are issued.)
- Displays radar video from a selected radar display as an overlay on the chart.
- Displays radar and / or AIS targets.
- Interfaces to a Kognifai Connect unit from Kongsberg Maritime, giving access to automatic chart updates and other services.
- Acts as a mirror host for distribution of chart updates to K-Nav ECDIS and Radar operator stations.
- Integrated system-wide palette controls.
- Exports routes 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 takes account of weather and tide prediction data.
- Meets class requirements for planning stations.

### KEY POINTS

- Easy desktop installation
- 27” (or 24”) Panel PC
- Optional radar / AIS targets
- Route planning and validation

# Technical details

## Panel PC

Resolution:	1920 x 1080 (FHD)
Colours:	16,7 million (maximum)
Viewing angle:	+/-89/89/89/89 degrees typical (up/down/left/right)
Contrast ratio:	3000:1 (typical)
Weight:	Approx. 9.5 kg
Dimensions (27"):	650 x 437 x 74 mm
Dimensions (24"):	593 x 384 x 74 mm

## Serial ports

Nine serial ports are available: 7 x input, 2 x input/output.  
Three of the input ports are for:  
1 x DGPS  
1 x heading reference system  
1 x speed log

## Electrical

Input voltage:	230 VAC ±10 %
Frequency:	50/60 Hz ±5 %
Power consumption:	198 W (typical)

## Key measurements

