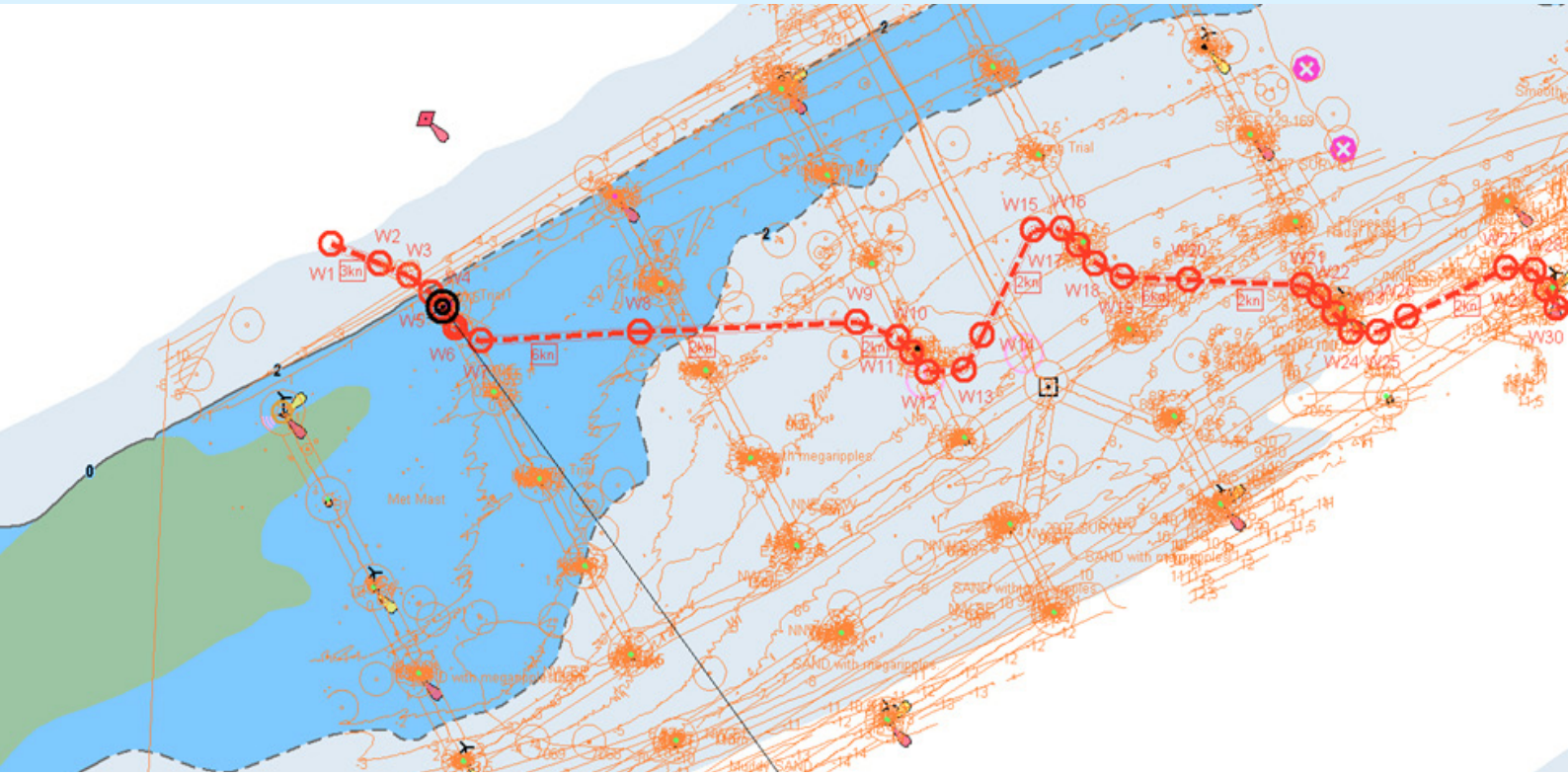
K-Bridge Planning Station Standalone

KONGSBERG



K-Bridge

Planning station with ECDIS functionality on a Panel PC

K-Bridge Planning Station Standalone 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.

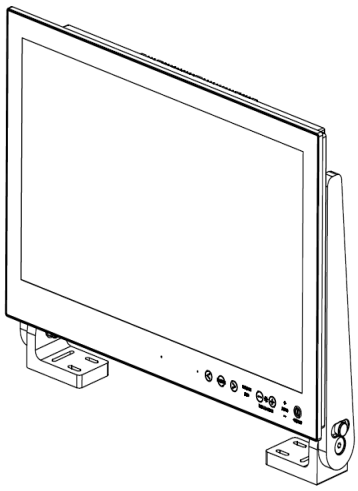
The Planning Station offers the same comprehensive and flexible route planning facilities as are available on K-Bridge ECDIS. Validation of the planned route is performed against the vector chart database. (If the route crosses the safety contour or the border of a restricted access area, warnings are issued.) Video from a selected radar display is presented as an overlay on the chart, and radar and / or AIS targets can also be displayed.

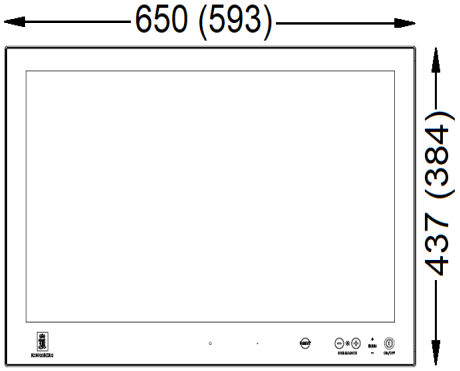
Automatic chart updates and other services are available via an interface to the Kognifai Connect unit from Kongsberg Maritime.

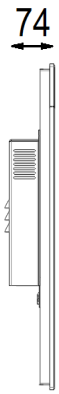
A Wind Farm option allows routes to be planned for scheduled service and delivery stops at different turbines. The planned route takes acount of weather and tide prediction data.

Features

- Easy desktop installation
- 27” (or 24”) panel PC
- Optional radar / AIS targets
- Route planning and validation
- Automatic chart updates (via optional interface to KM Kognifai Connect)
- Routes exportable to other KM operator stations over the LAN (or to 3rd-party systems over serial connections)
- Site Map option allows non-ECDIS data (AutoCAD or GeoTIFF) to be displayed on the chart
- Survey option allows survey routes to be planned and followed
- Wind Farm option allows routes to be planned through a wind farm
- Meets class requirements for planning stations.







Technical details

Panel PC

Resolution:	1920 × 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 × 437 × 74 mm
Dimensions (24”):	593 × 384 × 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)

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