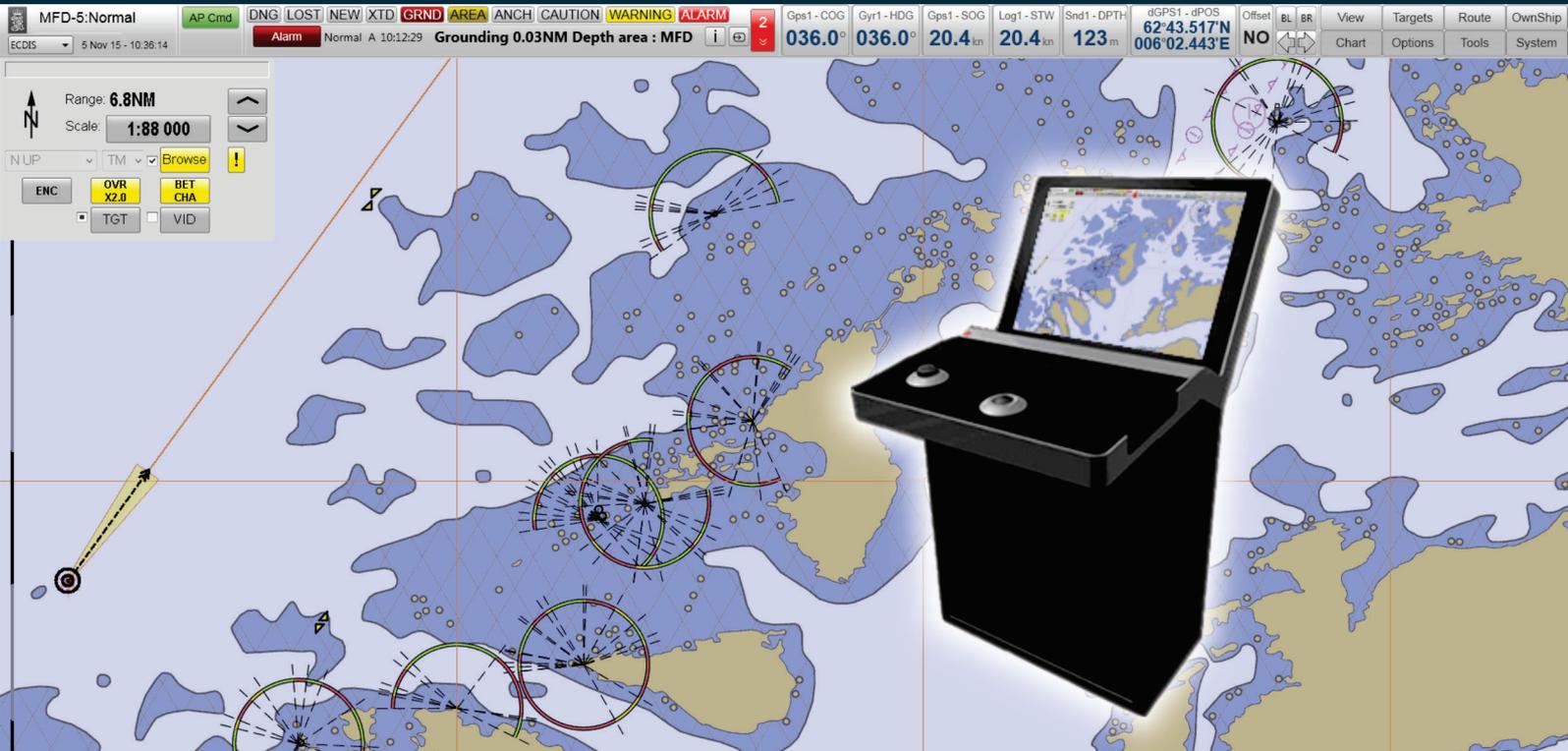


K-BRIDGE ECDIS



KONGSBERG



ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM

K-Bridge ECDIS (Electronic Chart Display and Information System) is a navigation information system that displays operator-selected information from ENC's (electronic navigational charts) along with data from the vessel's navigation sensors.

Sensor data displayed includes the vessel's position, heading and speed, but depth and other sensor data can also be displayed.

K-Bridge ECDIS is designed to assist the mariner to perform route planning and route monitoring with maximum safety.

K-Bridge ECDIS has an attractive user interface with a high resolution colour display and a carefully designed operator panel.

The system uses official vector charts, accepts Professional+ vector charts from Jeppesen/C-Map, and is also compatible with ARCS from the United Kingdom Hydrographic Office.

FEATURES

- 26" flat panel display (TFT)
- ENC: S-63 and S-57 Edition 3 (official charts)
- Vector charts: AVCS (UKHO), Navtor, Primar, Jeppesen/C-Map
- Raster charts: ARCS (UKHO) or Seafarer (AHO)
- Radar overlay from K-Bridge Radar
- Route planning and validation

- Continuous monitoring of own ship in relation to route plan and waters being sailed
- Displays up to 100 tracked radar targets
- Displays targets and information from AIS (Automatic Identification System)
- Voyage recording and replay
- EBL/VRM tools give correct range and bearing from own ship
- Remote control of K-Bridge Autopilot, including track-keeping functions
- Echo-sounder monitoring and recording of chart depth information
- Navtex interface
- Dedicated operator panel for ease of operation

OPTIONS

- Slave displays with dedicated operator panel

TECHNICAL SPECIFICATIONS

Standards

The equipment is designed to conform to the following standards:

- IMO Res.A.694(17)
- IMO Res.MSC.191(79)
- IMO Res.MSC.232(82)
- IMO SN.1/Circ.266
- IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)
- IEC 61162 Series
- IEC 61174 (2008)
- IEC 62288 Ed.1.0(2008)

Type Approval

The K-Bridge ECDIS is approved in accordance with EU MED 96/98/EC A.1/4.30 as an Electronic Chart Display and Information System (ECDIS).

Dimensions

Console:

	Height	Width	Depth	Weight
Slim	1200mm	650mm	859mm	≈61kg
Deep	1150mm	650mm	1100mm	≈65kg

Cabinet Specifications

Material:	Aluminium /ANSI 316
Protection standard:	IEC 60945 Protected Environment
Colour, black:	NCS S 9000-N (RAL 9005)
Colour, white aluminium:	RAL 9006

Electrical

Input voltage:	230 VAC +/- 10%
Frequency:	50/60 Hz +/- 5%
Power consumption:	340 W

Environmental Specifications

In compliance with IEC 60945.

LAN

K-Bridge ECIDS can be configured to communicate with:

- K-Bridge Radar
- K-Bridge Multi Functional Display
- K-Bridge Conning
- K-Bridge Autopilot
- K-Bridge Sensor Integrator
- K-Chief - Vessel automation system
- K-Pos - Dynamic positioning system
- VDR - Voyage Data Recorders

Display

Resolution:	1920 x 1200 pixels
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Specifications subject to change without any further notice.

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