

Features of ECDIS, JAN-701 series

ECDIS : JAN-701 ECR, ECO and EOO meet IMO A817 and other related International Regulations and are able to display both raster and vector charts such as ARCS, ENC and C-MAP93 ed 3.



Multiple -View Mode

The JAN-701 ECR, ECO and EOO display two areas in different scales simultaneously to monitor ships progress and destination, or ahead on route. The mode to display, course up or north up in relative or true motion is operator selectable.

Upper : Course Up in Relative Motion(1/150,000)
Lower : North Up in True Motion(1/250,000)



Radar Display

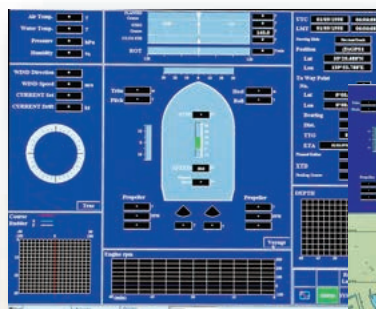
The JRC ECDIS JAN-701 ECR offers a practical radar use with ECDIS. This is more than overlaying of a rough radar picture.

The radar image is displayed with very high resolution when interfaced with JRC radars. The radar picture does not hide the priority objects of vector charts but overlays them on the radar picture. The brilliance and clutter controls of the radar picture continue to be operable.



Conning Display

The JRC ECDIS JAN-701 ECR or ECO are able to display interfaced Nautical Information such as Rudder Angle, CPP value, Engine Revolution, Wind Speed and Direction, Docking Mode of Speed Log, etc as well as various alarms. The nautical information is displayed in a "Windows" format.

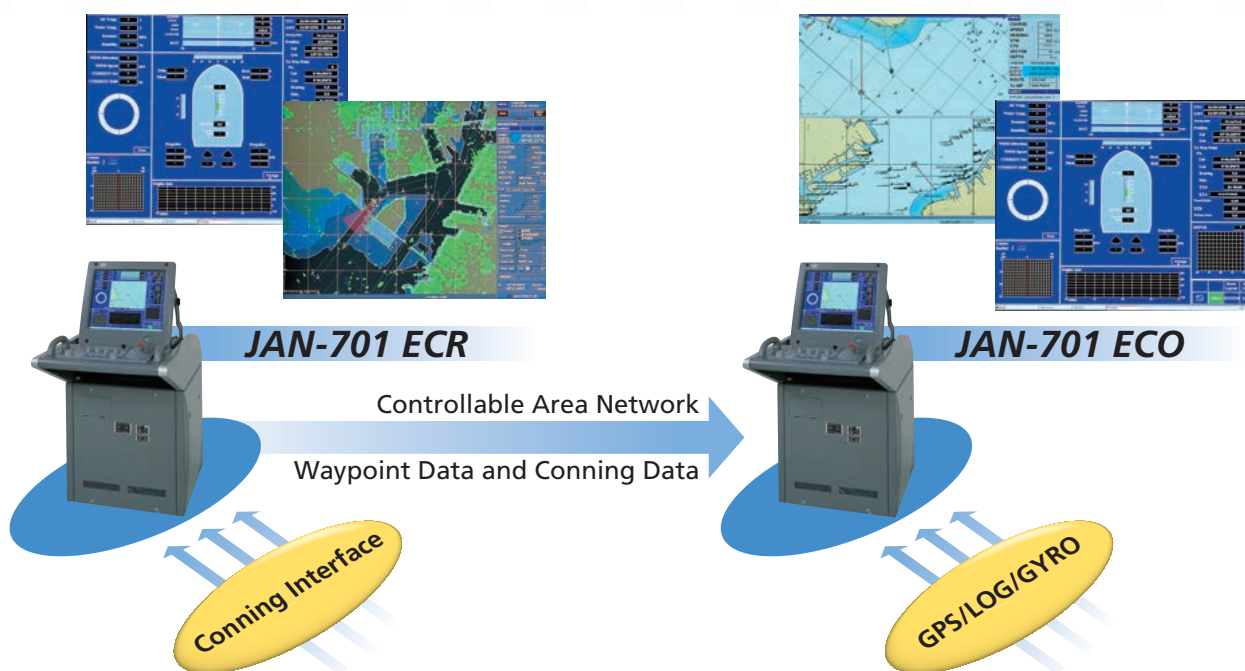


Track Control System

The JRC ECDIS JAN-701 ECR or ECO achieves highly reliable and efficient track control by interfacing to an Adaptive Auto Pilot conforms to IEC 62065 standard. The accurate track control reduces grounding rate. The smooth rudder control is safe and efficient.

Integrated Solution - Back Up of ECDIS

The combination of JAN-701ECR and ECO offers duplication of ECDIS & the Conning Display.



Console Design

The console is designed for ergonomic improvement of the working environment to prevent casualties related to human factors.

1. **Tilting display** : The display module is capable of tilting from 70 degrees for standing operation to 50 degrees while sitting.
2. **Console height** : The console is extremely compact with a height of only 1100mm excluding foundation. This maintains a greater range of visibility in both sitting and standing positions.
3. **Operation** : All primary functions are easily accessible using the track ball.

