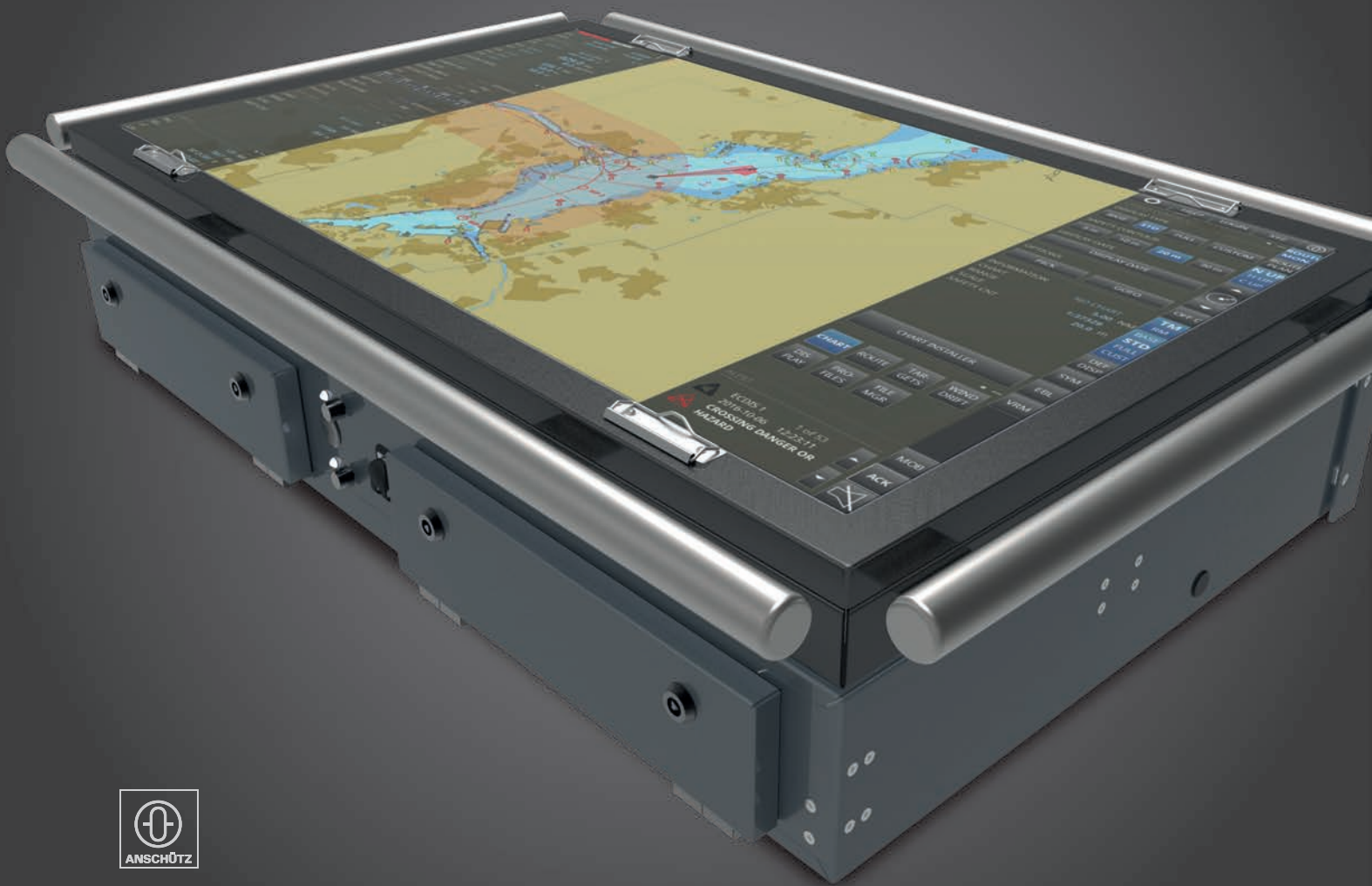


# Nav Command Table

Enhance navigation onboard your vessel



# Nav Command Table

Raytheon Anschutz presents a modern, intuitive to operate solution to improve navigation accuracy and safety onboard your ship or submarine.

The Nav Command Table replaces the traditional paper charts by continuously providing navigational information on an electronic chart (ECDIS) visualized on a 46" table display. The hardened display provides touch functionality for most convenient operation, that even allow to works with fireproof gloves. If needed, the operation can be switched to an integrated keyboard and trackball as well.

The dimensions and interfaces allow an easy retrofit of the Nav Command Table in the place of an outdated plotting table. Customers benefit from a modern, affordable system which also introduces a range of new capabilities to the platform and means an entrance ticket to the merits of electronic navigation.

## A NEW AREA OF CAPABILITIES

The Nav Command Table is much more than just a digital sea chart.

Depending on customer needs and the configuration of sensors, the Nav Command Table connects with GPS, radar, electro-optical system, optronic mast, OBD or other sensors and provides all information in an intuitive and clearly arranged way. The result is a comprehensive and powerful situational overview enhancing your decision making process.

Furthermore, the hardware and software concept allow constant enhancement of the Nav Command Table by updates and upgrades. If tasks change, the Nav Command Table is easily adapted.

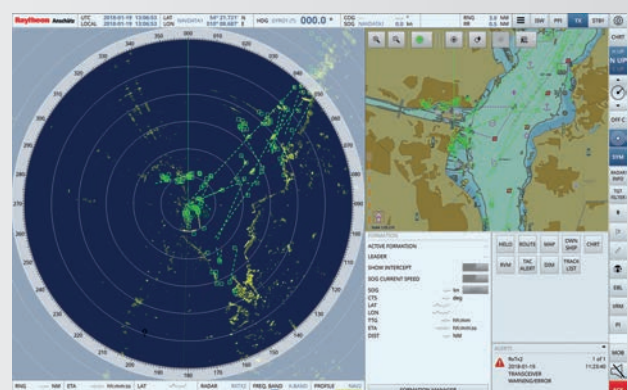
## BENEFITS AT A GLANCE

- Central place of information, accessible from all sides
- Enhances safe, paperless navigation and situational awareness
- Supports quick decision making for the ship's command
- Easiest way to introduce paperless navigation
- Capability enhancement by integration of Radar NX and SYNTACS C<sup>2</sup>
- Silent fanless operation
- Fits through submarine hatch
- Tilttable display allows more ergonomic operation and adjustment to special situations
- Future-proof hardware and modular software for easy updates and functional upgrades

ECDIS NX



Radar NX





## ONE TABLE - UNLIMITED POSSIBILITIES

The Nav Command Table was designed to adapt to the operational needs of customers - not vice versa. This way the Nav Command Table offers unique features you do not want to miss when you get used to it.

### Put it where you need it

- Place it on a deck stand for access from all directions.  
Meet with other crew members and have all information right at hand in the middle of your meeting.
- Place it on a desk with detached handrails if the available space or your configuration does not allow a free stand.



Tilting for maximum readability

### View it from anywhere

- Use it flat to have maximum visibility from all sides
- Hoist the display electrically between 0 and 30° to allow more ergonomic operation or if you want to view from larger distances
- Flip the picture 180° around
- However you use it, the wide viewing angle and high contrast always give you a clear picture.

### Experience intuitive operation

- Software optimized for touch
- Touch technology allows operation even with fireproof gloves
- Gesture support for faster and more intuitive use
- Keyboard and trackball included for special situations

### Benefit from state-of-the-art navigation software

Designed in close cooperation with key users and in accordance with human-centered design principles, ECDIS NX and Radar NX support navigators with:

- Consistent user interfaces through navigation system
- Clear structured display, easy to grab information
- Less disturbance, improved readability
- Intuitive operation concepts including context-sensitive help
- Functions beyond IMO added value (ongoing roadmap), having focus on safe navigation, better situation awareness and smart assistance
- Mandatory functions need a single click only

46" ruggedized touch display

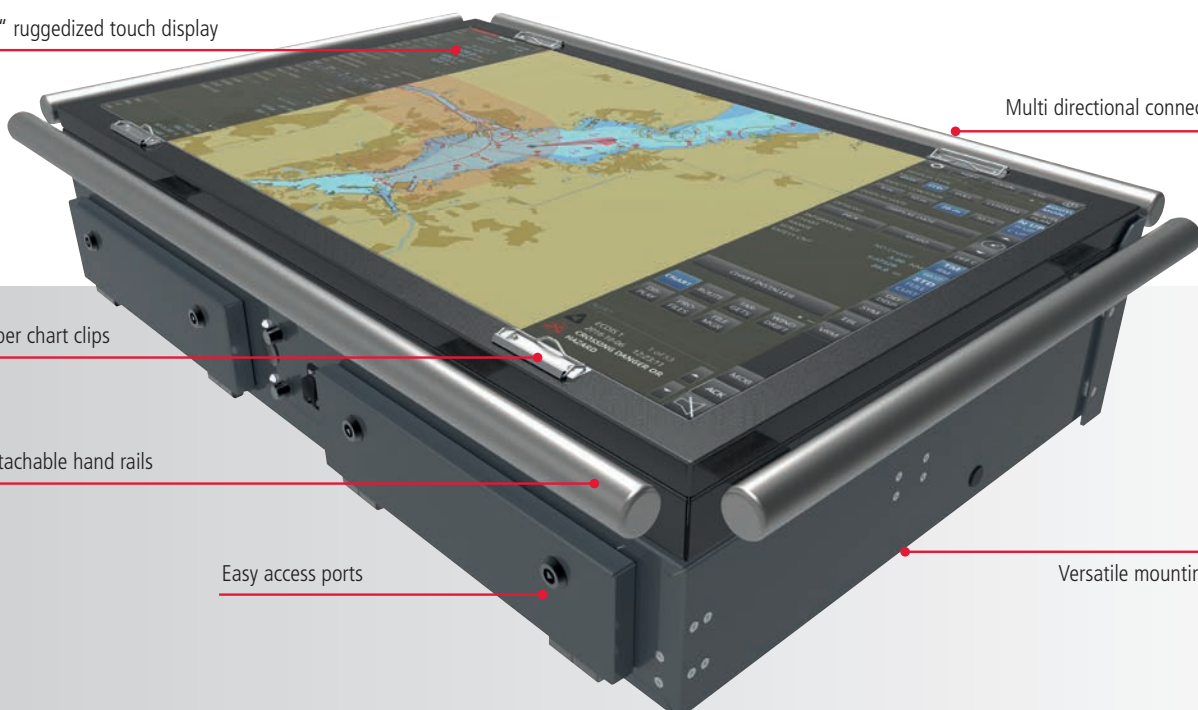
Multi directional connector bay

Paper chart clips

Detachable hand rails

Easy access ports

Versatile mounting ports



## TECHNICAL DATA

### Dimensions

	With installed handrails	without handrails
Length:	131 cm	118 cm
Depth:	87 cm	73 cm
Height:	27 cm	27 cm

### Weight

140 kg

### Power supply & consumption

- 115 to 230 VAC / 50-60 Hz
- 100 VA to 250 VA (hoisting)

### Interfaces

- Configurable via a web application
- 1 1Gbit Ethernet connection
- 8 full-duplex RS422 interface lines
- 2 RS232 lines
- 8 I/O status lines
- (RS422 lines configurable to read in/output messages acc. to IEC 61162)

### Display

- 46" Color TFT panel
- Full HD resolution (1920x1080 pixel)
- Color-calibrated i.a.w. IEC 62288, annex G
- LED backlight illumination optimized for naval operation
- Contrast ratio 4000:1 at a response time < 6.5 ms
- 89° viewing angle in all directions
- Multi-touch (allows operation with fireproof gloves)
- Electrical hoist & lock between 0° and 30°

### Environmental qualification

- Qualified acc. to IEC 60945

### Mil-Std. qualification

- Shock acc. to MIL-STD 810, 22G/20 ms, half-sine all axes
- Other shock requirements by means of additional shock dampers
- Other Mil-Std. qualifications optionally available

### Type of enclosure acc. to IEC 60529

- IP23
- Display area splash-proof

