

Navigation Systems for Cruise & Ferry





Cruise & Ferry

Today's modern cruise liners and ferries are designed to offer spectacular experiences for both passengers and crew. Maximum standards of safety, precision and reliability as well as an attractive design are therefore important demands of our customers concerning their navigation systems.

Taking advantage of integrating harmonized developed products, our navigation systems reach optimized functionality. Multifunctional workstations provide all information for precise, safe and comfortable operation under all circumstances. This enables full navigational data access at any place on the integrated bridge.

Benefits

- Personal support and competent project management for individual requirements
 - Harmonized products ensure reliable and precise performance
 - Optimized functionality for safe operation under all environmental conditions
 - Full navigational data access at any place on the integrated bridge
 - Special solutions provide maximum safety at sea, e.g. SeaScout® technology
 - Attractive bridge design with respect to ergonomical function
 - Minimized risk of downtime backed up with a worldwide service network
- Redundance
 - Safety
 - Safe return to port

Precise navigation systems for maximum safety at sea



Integrated Bridge System

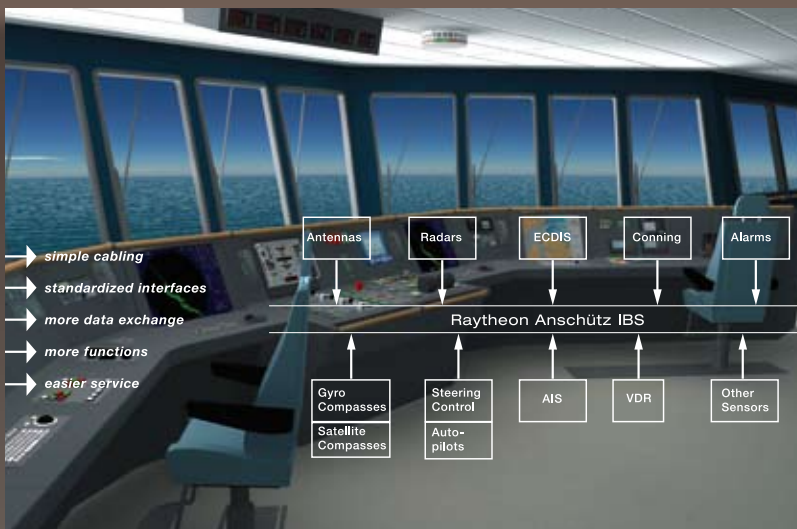
Full multifunctional workstations allow the operator to combine functions of IMO Radars, ECDIS and Central Navigation Data Display at one dedicated position – leading to a maximum flexibility for navigation data access at any place of the Integrated Bridge. Raytheon Anschutz strength is to integrate well-proven equipment into its own system, providing excellence and reliable performance under all conditions. Our multifunctional systems are developed to ensure easy and safe operation, supported through the lifetime of your vessel, keeping a focus on smallest lifecycle cost.

ARPA Radar/Chart Radar System

Raytheon Anschutz presents one of the most sensitive radars even under rough weather conditions. Brilliant performance goes hand in hand with ease of use and installation.

The clear structure allows the user to concentrate on navigational tasks and provides support concerning collision avoidance.

The NSC chartradar increases the efficiency during watch keeping by displaying charts as underlay to the radar image.



ECDIS

With its Pathfinder®/ST MK2 Raytheon presents a high performance ECDIS which provides the base for paperless navigation and effectively supports the operator in manoeuvring.

Comfortable server functionalities and the interaction with NSC Radar and adaptive autopilot series NP 20X5 makes the Pathfinder®/ST MK2 ECDIS an integral component of Raytheon's bridge concept.

In addition to IHO/IMO compliant vector Electronic Navigation Charts (ENC), the MK2 ECDIS also displays raster charts (ARCS).

Anschutz Autopilots

No matter which Autopilot you choose, Nautopilot 20X5 series, Pilotstar D or NP 60: Our Autopilots make perfect course- and track keeping possible even at very low or very high speeds.



Anschütz Gyro Compass System Standard 22

The Gyro Compass Standard 22 is a modular system that was designed to meet the individual requirements of our customers. The system combines proven technology with most advanced features and highest precision. Due to excellent reliability and long maintenance intervals Standard 22 is a long time secure investment in your ship.

Satellite Compass Standard 21

It is oriented to geographical north and not affected by the earth magnetic field, latitude and ship's speed. There is no need for compensation of variation and deviation.

The Standard 21 therefore is the perfect satellite compass for all kinds of professional work boats such as fishing or pilot boats and a perfect back-up for a gyro compass system for all merchant vessels.

GMDSS A3 Station

The Raytheon Anschütz GMDSS A3 Station combines all components required for GMDSS communications - completely prewired in a table top console or as single components for individual integration on your bridge.



Subject to change due to technical developments without notice.

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