

Navigation Systems for Cargo Ships & Tankers





Cargo Ships & Tankers

Tight voyage schedules with short port staying times, increased sea traffic and increased risk of accidents are challenges in worldwide shipping nowadays. Precise navigation systems with maximum reliability and low operation costs are therefore important prerequisites for success in this business.

System integration from Raytheon Anschütz provides maximum flexibility and customer orientated performance according to individual needs and classification rules. Precise navigation systems with economical function enable predictable operation under all circumstances. Reliable equipment, backed up with our worldwide service network, ensures minimized downtimes and reduced operation costs.

Benefits

- Personal support and competent project management for individual requirements
- Reliable equipment
- Economy through precise track keeping and fuel saving
- Safe operation under all environmental conditions
- Flexibility in upgrading and extending the system with respect to redundancy and safety
- Easy interfacing with reduced wiring costs
- Minimized risk of downtime backed up with a worldwide service network
- Cost savings during operation

Reliable equipment for safe operation and low life cycle costs





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 Anschütz 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.

NautoSteer®

The variety of devices required for navigation and monitoring in the bridge area necessitates a functional design meeting work sequence-oriented and ergonomic demands. All requirements for individual fitting of modern ships, from the smallest craft to the largest tanker, can be economically met by Anschütz NautoSteer®.

ARPA Radar/Chart Radar System

Raytheon Anschütz 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 parallel 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).

Anschütz 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.



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