



## Company Profile

January 1, 2019

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### RAYTHEON ANSCHÜTZ – EXCELLENCE AT SEA

The brand of Raytheon Anschütz has a long tradition and is well known in the maritime market. In the past century, Raytheon Anschütz has proven to be a reliable partner for navies, shipping companies and shipbuilders worldwide. Today 35,000 high-sea vessels are underway using our navigation systems, supported by 600 employees at the Raytheon Anschütz headquarters in Kiel, Germany, as well as by worldwide subsidiaries, sales partners and more than 200 certified service stations.

#### OUR HISTORY

The history of Raytheon Anschütz has strongly influenced the navigation on board of ships. Our tradition makes us a truly maritime company with unique know-how and experience in navigation technology.

It all started with the gyro compass. Around the turn of the 20th century a classic problem of high-seas navigation was reliable course-keeping, especially near the poles. Since the magnetic compass does not work properly in steel ships and near a pole, the young Dr. Hermann Anschütz-Kaempfe was obsessed with finding a suitable course-keeping instrument and concentrated on locating the geographical north direction with the help of a gyro. In 1904 he invented the gyro compass.

As a result, in 1905 the company Anschütz & Co. was founded in Kiel. The company started the design and the production of gyro compasses. A sizeable share of today's indispensable equipment for navigation and steering has its roots in this company, such as the world's first chart plotter, a great-grandfather of the present generation of electronic sea chart systems, and the first autopilot for ships, the so-called "iron helmsman".

In 1995 Anschütz & Co. was acquired by the Raytheon Company (USA). Anschütz & Co. was renamed to Raytheon Anschütz GmbH and the traditional product range was expanded to radars, electronic sea charts and integrated solutions for bridge systems and coastal, port or offshore asset surveillance. Raytheon Anschütz meanwhile has extended business to worldwide subsidiaries in Shanghai, Singapore, Panama, Portsmouth, Rio de Janeiro and San Diego to provide customers with local excellence in navigation and maritime system integration.

#### WHEREVER YOU NAVIGATE – WE ARE WITH YOU

Today, our wide range of products reflects our core competences – navigation and systems integration. The most critical navigation components and solutions, from sensors like the gyro compass and the radar through stand-alone workstations for radar or ECDIS up to fully integrated workstations and integrated bridge systems, are developed, produced and maintained by Raytheon Anschütz.

We have therefore concentrated the processes of research and development, project management, production, system engineering and assembly, quality management, sales, and service coordination at our headquarters in Kiel. To ensure the standards we are accustomed to delivering, all processes are continuously monitored within our Integrated Management System, which complies with international standards such as ISO 9001 and ISO 14001. Sophisticated testing procedures far above basic IMO levels are applied to all of our products.

Our business is based on trusting relations with our customers in the commercial and defense market. Our customers rely on the high levels of quality and performance of our navigation systems, on our flexibility with regard to individual adaptations, and on our professional and firm order processing. For all deliveries of Raytheon Anschütz, a wide variety of services is offered, ranging from early customer consultancy and customized designs through project management and setting-to-work up to after sales services such as obsolescence management, logistic support, in-service support and worldwide maintenance contracts.

## OUR PRODUCTS – MADE IN GERMANY

Raytheon Anschütz is a leading supplier of integrated navigation solutions and navigation components for all kinds of commercial vessels, megayachts, work boats, coast guard, naval surface ships and submarines. Our solutions are suited for newbuild, upgrade and retrofit purposes, being able to replace virtually any other maker's products in a cost-efficient solution. Furthermore, we make use of our know-how in maritime systems integration and provide customers with individual solutions for safety and security, logistics management and surveillance for coastlines, harbors or offshore platforms, ranging from sensors to multiple integrated situational awareness displays. Our corresponding product range covers:

- Gyro Compasses, Repeater Compasses and Rate-of-Turn Systems
- Manual Steering Control Systems and Rudder Angle Indicators
- Adaptive and non-adaptive Autopilots
- Trackpilots from standard to highly sophisticated
- ARPA Radars and Chart Radars
- Electronic Chart Display and Information Systems (ECDIS)
- Conning Displays / Navigation Data Displays / Captain's Displays
- Multifunctional Workstations
- Integrated Bridge and Navigation Systems (IBS / INS)
- Radio Communication Systems acc. to GMDSS
- Additional Navigation Sensors
- Battery Monitoring Equipment and 3D Steering Controls for Submarines
- Ring Laser Platform for Naval Ships (Marine Inertial Navigation System / MINS)
- Military Navigation Data Management Systems (NDMC)
- Specialized Equipment for Surface Ships and Submarines
- Command and Control Systems for Naval Ship, Coast Guard and Commercial Ships
- Surveillance Radars, Small Target Trackers and Cameras
- Information- and Training Programs for Board- and Service Personnel
- Equipment for Depot- and Service Stations

In addition, Raytheon Anschütz serves as a European footprint of Raytheon Company, a global naval capabilities integrator and innovation leader in defense electronics, and provides access to Raytheon services worldwide.

## COMPANY DATA

Form of enterprise:	Private limited company founded: January 1, 1995
Court of registration:	Inferior Court Kiel, No. HRB 4086
Capital stock:	Euro 14 634 000
Managing Director:	Michael Schulz
Site of firm:	Factory 1, Zeyestr. 16-24, 24106 Kiel-Wik Factory 2, Mecklenburger Str.32-36, 24106 Kiel-Wik
Postal address:	Postbox 1166, D-24100 Kiel or Zeyestr. 16-24, D-24106 Kiel (Wik)
A subsidiary of	Raytheon Company (Waltham, MA, USA) Business division: Raytheon Integrated Defense System (Tewksbury, MA, USA)
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