

## News Release

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### Raytheon Anschütz launches Standard 30 MF Gyro Compass

**The German navigation system manufacturer Raytheon Anschütz announces the launch of a new gyro compass at this year's SMM exhibition. The new gyro, Standard 30 MF, is the latest of the renowned "Standard" series of Anschütz gyro compasses.**

Standard 30 MF is the second generation of maintenance-free gyro compasses from Raytheon Anschütz. It provides highly accurate heading, rate-of-turn, roll and pitch information. Further, as part of a heading management system, Standard 30 MF provides the same advanced functions Anschütz gyros are known for.

The new gyro features an ultra-robust design and offers superior lifetime performance and effectiveness. Among its features, Standard 30 MF settles at rough-seas and provides heading output even if speed and latitude input fails. With Ethernet and CAN-bus interfaces, cabling efforts are minimized.



Like its predecessor Horizon MF the Standard 30 MF is based on hemispherical resonator gyro (HRGs) technology which has proven its reliability and accuracy in more than one hundred installations aboard a ship. HRGs are vibrating resonator gyros consisting of only few elementary pieces, assembled in a miniature hemisphere uncoupled from the outside.

Together with the simple design, this makes it extremely reliable with no wear and tear and no need for maintenance. Consequently, the mean time between failures (MTBF) of Standard 30 MF is more than 100,000 hours, which is significantly greater than the MTBF values of optical gyros.

Raytheon Anschütz, inventors of the mechanical gyro compass, is market leader for gyro compass technologies. Standard 22 is the current version of a classical gyro compass. With more than 18,000 installations, Standard 22 is the most popular gyro of all times. Standard 30 MF now completes the Raytheon Anschütz gyro compass portfolio.

#### **Picture:**

Raytheon Anschütz' new generation gyro compass: Standard 30 MF

## **Note for the editor:**

Raytheon Anschütz GmbH is a subsidiary of the Raytheon Company and a leading integrator of bridge and navigation systems for all kinds of commercial vessels and naval ships. More than 35,000 vessels worldwide are equipped with Raytheon Anschütz navigation systems, backed with a global network of owned subsidiaries and regional offices, e.g. in Shanghai, Singapore, Rio de Janeiro, Panama, San Diego, and Portsmouth / UK, as well as with a network of specialized service stations around the world.

More information: <http://www.raytheon-anschuetz.com>