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iMAR Navigation GmbH

iMAR GmbH is a German business, founded in 1992. iMAR provides systems and solutions in navigation, stabilization, surveying, guidance and control for the areas of defence, industrial and automotive applications and aviation. The company has specialized to deliver standard solutions as well as customer specific solutions and operates a high technology manufacturing and engineering center in St. Ingbert / Germany.

iMAR is a leading company in the development of integrated gyro and satellite based navigation and stabilization solutions for surface, underwater, drilling, naval and aircraft applications.

iMAR Navigation GmbH	
Legal status	Limited liability company (*Gesellschaft mit beschränkter Haftung*)
Founded	1992
Location	St. Ingbert, Germany
Employees	> 40
Turnover	> 15 Mio US$
Sector	Navigation (industrial, defence, automotive and aviation)
Products	Systems for inertial Navigation, Stabilisation, Surveying, Guidance and Control
Website	www.imar-navigation.de

Technology [edit]

iMAR as a highly innovative company of inertial technology sets worldwide milestones in the development of inertial measurement techniques:

- 1995 worldwide first inertial automotive testing system in strapdown technique with fiber optical gyros (Moose test-Sensor "iDIS-FC", "iNAV-FMS")
- 1999 Introduction of the first gyro based 3D angular measurement system for surveying of axis parallelity of rollers in steel mills and paper machineries and for gun calibration ("iPEGASUS")
- 2004 Introduction of the worldwide most accurate inertial guidance system for horizontal drilling (horizontal directional drilling, / DrillGuide)
- 2010 Implementation of the first and most accurate worldwide Target Tracker, which can be operated on-shore and off-shore, to realize mobile tracker ranges on sea ("iIPSC-TR")

Quality Assurance [edit]

The quality management system of iMAR GmbH is certified according to EN9100 and ISO 9001 for industrial and defence products. For manufacturing of aviation parts and systems iMAR is certified according to EASA Part 21G.

External links [edit]

- www.imar-navigation.de – Homepage

Categories: Defence companies of Germany | Defence companies | Manufacturing companies of Germany | Navigation system companies | Gyroscopes

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