

[iIPSC-ANTRAD: Gyro Stabilized Antenna Platform for Agile Vessels](#)

iMAR GmbH, a leading German manufacturer of advanced systems for inertial navigation, stabilization, guidance, surveying and control for defence and industrial applications (www.imar-navigation.de), has launched the first system of the family **iIPSC-ANTRAD** to a German customer. It is designed to stabilize customer specific payloads like satellite or communication antennas on highly agile naval and surface vessels.



The system is designed for high angular rate and high angular acceleration ($> 300 \text{ }^\circ/\text{s}^2$; $\pm 300 \text{ }^\circ/\text{s}$) at high bandwidth. It can be operated on speed boats as well as on standard warships in heavy seas or on trucks in off-road condition. It supports tracking of stationary or moved targets. Furthermore systems for stabilization of optical devices like IR cameras, laser designators and Laser Range Finders for aircraft or UAVs are available.

iIPSC-ANTRAD is available as two-axes or single axis stabilized platform including radom and RF slipping, fully gyro stabilized and as an option equipped with INS/GNSS based georeferencing. Open electrical and mechanical interfaces allow a simple integration.

www.imar-navigation.de

[About iMAR GmbH](#)

iMAR Navigation, based in St. Ingbert, Germany, where it has its headquarters, development center, environmental and motion test labs and production site (40 engineers and technicians), has extensive experience in conception, development, production and maintenance of inertial measuring and navigation systems destined to a wide range of standard and special applications in various fields like defence, surveying, stabilization, guidance and control. iMAR is certified to ISO9001, EN9100 and EASA Part21G (aviation component and system manufacturing)..

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