



## Marinus, accuracy in the most demanding conditions.

VT TSS is pleased to announce the launch of its latest product – MARINUS - designed to provide highly accurate heading, heave, roll and pitch. This new Attitude and Heading Reference System (AHRS) is an easy to use, install and configure stand-alone unit for use with multibeam systems. Based around a proven Ring Laser Gyroscope (RLG) the MARINUS offers outstanding accuracy in all dynamics. The industry-renowned TSS real-time and delayed heave algorithms are utilised by the unit, giving accurate heave measurements in all swell conditions, including long-period open ocean periods.

Due to the high accuracy of the RLG elements used (drift rates of 0.05° / hour)

the unit is capable of measuring earth rotation directly, leading to accurate heading without the requirement of a further dual GPS antenna installation on the vessel. As MARINUS incorporates highly accurate solid-state sensing elements the unit is maintenance free (no moving parts).

VT TSS is renowned for strong and responsive customer support. With a worldwide agent and representative network, as well as three regional offices, VT TSS supports its clients in a timely and effective manner, no matter their location.

MARINUS is the perfect product for high accuracy motion compensation with the quality support that customers deserve.

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## A DIGITAL SOLUTION FOR HYDROGRAPHIC OFFICES AND CHART PRODUCERS

The fully integrated ENC-based cartographic production environment that includes:

- S-57 Object Oriented Database
- Electronic charts production and updating (ENC, AML, Inland ENC, etc.)
- Paper charts out of ENCs production and maintenance (INT1, INT2, M4, etc.)
- Notices to Mariners and other nautical publications compilation and design
- On-line Data Services (charts, publications, catalogues on the Internet, automated NtM delivery, etc.)

### dKart Technology

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