

Introducing the Module B MED approved all new SMIDS Pro –SDME

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(IEC 61023:2007) with optional THD (ISO 22090-3:2014) System.

Speed Movement Information Display System

AMI Marine Ltd is the manufacturer of the trusted SMIDS (Vessel Speed Movement Information Display System), installing their first ever system onto Vessel MT AURIGA of Vela Shipping (owned by Saudi Aramco) back in 1997 and then supplying to organisations such as STASCO (Shell), EXXON, BOSKALIS, HAM Dredgers and U.S. Navy Heavy Lift Tankers. The list goes on extensively with over 200 large and Super Structure Cargo Carriers including VLCCs, LNG's and Semi-Submersible Carriers.



The SMIDS SDME system became a reliable and trusted solution as a cost-effective alternative to the Traditional Doppler Docking Systems, where with retrofits utilising existing cabling to convert to above-water GPS and GLONASS sensors. SMIDS has always been a trusted Visual Display for Safe Docking and manoeuvring in Ports.

SMIDS is especially useful for offshore discharging of cargo, lightering and Ship to ship transfer, providing unprecedented accuracy of 0.01 of a knot movement indication, becoming most popular with Ships master's and Tug

Operations. No matter the river or sea contamination encountered, SMIDS was and still is the most dependable aid to docking large commercial vessels – 50,000 GRT and above.



The Dredging industry has also used SMIDS extensively due to the requirement for accurate movement indication.

SMIDS Pro Now Approved.



Due to the legacy SMIDS looking a bit out of place on the more modern glass vessel bridges of today, the AMI Marine team decided to invest and develop a new software based SMIDS Pro system, moving away from the EPROM technology of a past ERA. The SMIDS Pro, which is to be launched in early February 2023, calculates, and displays vessel movement information, reporting the ground speed of the vessel's heading, and sideways movement at the bow and stern, with the exceptional accuracy of 0.01 knots, assisting the navigating crew to make informed decisions in all sea states and weather conditions.

SMIDS Pro safely records all ship's movement data and offers easy-to-use playback software for future performance evaluations, navigating crew training, and when necessary, incident investigation. Along with SDME, SMIDS Pro offers an optional THD function which is a vital stand-alone backup to safe navigation, especially when critical failures of Navigation systems encountered aboard Commercial Vessels, are not as uncommon as you may think.



SMIDS Pro has full data recording capabilities, with the internal storage retaining over 50 days of accurate ships movement information and all data can be reviewed using the embedded AMI Data Replay Software.

Sea Trials

We are offering subsidised prices for the first customers who buy SMIDS Pro and participate in Sea Trials. To know more, and to engage with the AMI Marine sales team on securing this new state-of-the-art SDME and THD system for your vessel, contact us at sales@amimarine.com or call +44(0)2380 480450 and speak with our director Martin Cox.

Module B MED Approvals

Speed and Distance Measuring
Equipment (SDME) – IEC 61023:2007
DK-MED000149 Issue 01

Global Positioning System Receiver
Equipment (GPS) – IEC 61108-1
DK-MED000153 Issue 01

Transmitting Heading Device (THD) –
ISO 22090-3:2014
DK-MED000152 Issue 01

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