

SMIDS Pro Pilot

INDEPENDENT, RELIABLE AND COMPLIANT

In response to the Panama Canal Authority (ACP) requirements for a Non-Portable Piloting Aid for all vessels with 109ft beam or greater, AMI Marine has created the solution you need.

As per the Advisory to Shipping No. A-32-2022 created and submitted by the Panama Canal Authority (ACP), this custom-made product has been designed to meet new positioning requirements for fixed (non-portable) piloting units on transiting Neopanamax vessels. This requirement came into effect in October 2023, and penalties will be enforced from January 2024 onwards.

The SMIDS Pro Pilot provides reliable, accurate, real-time vessel movement information independently of the ship's navigational systems, ensuring safe passage through the Panama Canal with worldwide functionality.

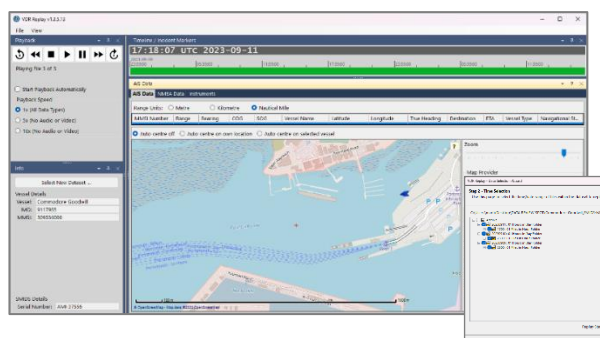


BENEFITS OF SMIDS PRO PILOT

- Simple modular system, fit for all vessel types and quick installation.
- Compatible with Trelleborg SafePilot platform.
- RTK Position Accuracy of ± 0.01 kn / 0.03m (3cm).

TYPE APPROVED SPEED LOG DESIGN

- ✓ IEC 61023:2007 - Marine Speed and Distance Measuring Equipment (SDME)
- ✓ IEC 61108-1 - GPS/GNSS Receiver Equipment
- ✓ ISO 22090-3:2014 - Transmitting Heading Device (THD)



DATA RECORDING AND PLAY BACK

SMIDS Pro Pilot provides accurate Position, Heading, ROT, COG, SOG, AIS data and has full data recording capabilities.

The internal Solid-State Drive can store over 50 days of ships movement information. All data may be reviewed using the supplied AMI Data Replay Software that can be used for vessel performance reviews.

Approvals Pending from Panama Canal



SYS-0096 SYSTEM SPECIFICATIONS



MAIN ELECTRONIC UNIT (MEU)

INPUTS: 8* IEC61162-2 ports

OUTPUTS: 3* IEC61162-2 ports

- ▶ NMEA 0183 - GGA, VTG, HDT, ROT, GSA, GSV, GST, THS, PTMSX, PTMSG
- ▶ 50 Days Data Storage on System Drive

POWER: 24Vdc

DIMENSIONS: 300 x 400 x 155mm 8kg



BATTERY BACKED POWER SUPPLY

POWER: 110 to 230vAC 50,60Hz

24vDC Output

Battery Backup of > 5hrs operation

DIMENSIONS: 400 x 300 x 210mm 22.8kg



DUAL GNSS RECEIVER

CONNECTIONS: N-Type, RG213

POWER: supplied from MEU

DIMENSIONS: 188 x 245 x 56mm 1.5kg



GNSS ANTENNAS

ACCURACY: ±0.01 kn / 0.03m

DIMENSIONS: 130 x 130 x 61mm 0.38kg



WI-FI INTERFACE

For Pilot Connection to system

POWER: supplied from MEU

DIMENSIONS: 130 x 130 x 61mm 0.38kg



RTK ANTENNA AND RECEIVER

POWER: supplied from MEU

ANTENNA DIMS: 149mm Length 0.56kg

RECEIVER DIMS: 139 x 67 x 29 mm 0.25kg



AIS ANTENNA AND RECEIVER

POWER: supplied from MEU

ANTENNA DIMS: 170mm Length 0.2kg

RECEIVER DIMS: 132 x 106 x 46mm 0.6kg



15" MAIN DISPLAY

FEATURES:

Touch Screen Display

Can be Vesa or Flush mounted.

POWER: 24Vdc supplied from MEU

DIMENSIONS: 415x290x61mm 2kg



DISPLAY OPTIONS



13.3" PORTABLE PC MONITOR

FEATURES:

Portable and lightweight

Ideal for installation and configuration

POWER: USB Charging Cable

DIMENSIONS: 305x200x15mm 0.62 kg

All specifications and options may change without notice.