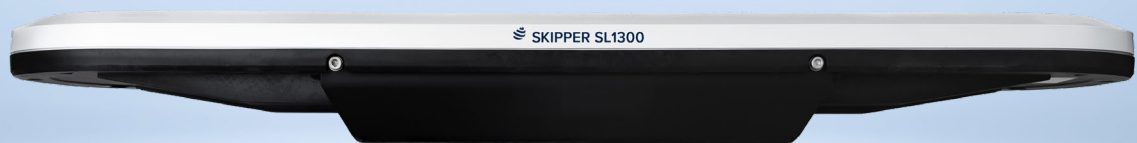


SKIPPER SL1300 SATLOG

Speed and distance over ground (SOG)



- IMO Wheelmarked MED-B
- Jamming and spoofing diagnostics and alerts
- SDME speed log (IEC 61023) SOG Satlog approved
- INS / OpenBridge-compatible web interface
- Support for multiple GNSS constellations

A satellite-based speed log from Jotron

The SKIPPER SL1300 is developed in accordance with applicable ISO and IMO standards and fulfils modern IEC requirements for maritime equipment performance and alarm management systems.

Advanced navigation for modern shipping

The SKIPPER SL1300 is a next-generation navigation system designed for modern maritime operations, combining high-performance positioning with enhanced resilience against GNSS interference.

Jamming and spoofing diagnostics and alerts

Meeting emerging cybersecurity requirements, the system incorporates advanced jamming and spoofing detection and mitigation capabilities, helping vessels maintain reliable navigation in challenging and increasingly complex operating environments.

INS/OpenBridge-compatible web interface

Fully integrated with SKIPPER INS systems, the SKIPPER SL1300 features a simple and intuitive open-bridge interface that provides easy access to critical navigation data.

Dual-antenna receiver

The system is based on the new GN200-SA dual-antenna receiver, developed in cooperation with Jotron company AD Navigation, and built on technology that has demonstrated exceptional performance during GNSS interference testing in Northern Norway. The dual-antenna solution receives signals from GPS, GLONASS, Galileo, and BeiDou across multiple frequency bands, including L1, L2, L5, and L6, ensuring robust positioning, heading, and speed performance.

By combining satellite data with an integrated rate-of-turn sensor, the SKIPPER SL1300 calculates highly accurate speed over ground (SOG), heading, position, and turn rate without requiring external sensor inputs.

Future-ready platform

The system delivers SOG vector speed data in accordance with IEC 61023 (SDME) and is prepared for future THD functionality, providing a future-ready platform for professional maritime navigation. The antenna module independently determines vessel position, speed, and heading using multiple satellite constellations, while advanced data fusion ensures the accuracy and reliability required for demanding marine applications.

Precision through simplicity

As a fully self-contained solution, the SKIPPER SL1300 minimizes installation complexity and eliminates the need for extensive calibration or adjustment after commissioning.

For maximum flexibility, the display can be configured to show the navigation parameters most relevant to the operator. Whether used on commercial vessels, offshore installations, or specialized maritime platforms, the SKIPPER SL1300 delivers precise navigation data through a user-friendly interface designed for safe and efficient operation.

Secure lifecycle

The SKIPPER SL1300 is integrated with the Jotron Product Passport (JPP), enabling QR-based access to configurations, updates, certificates, asset data, and system status.

System highlights

- INS generation 10.1 inch Control Unit (CU-M101 with 2 independent LAN ports IEC 61162-450)
- 2 serial ports IEC 61162-1 / IEC 61162-2
- 1 aux outputs (relay)
- 1 aux output (pulse)
- 2 X USB
- 1 x uSD
- 2 monitored 24VDC inputs

Software

- INS OpenBridge web interface
- Maintenance and recovery package (interface to JPP)
- Secondary sensor displays (showing STW, wind, current and others if available)
- Diagnostic and jamming / spoofing status screen

Antenna

- Dual, multiband, GNSS, (GPS (United States), GLONASS (Russia), Galileo (European Union), and BeiDou (China) enabled)
- Primary: Speed and distance (SOG)
Secondary: Position, heading, rate of turn

