SEA MACHINES

SM300-NG

Autonomous Command and Control System
for complex commercial applications

CLASS-APPROVED
AUTONOMY

SM300-NG is Sea Machines premium grade autonomy solution for commercial applications calling for more complex vessel integrations and requirements.

- **Built from High Spec Components** for Marine Class Approval
- **Engineered for Endurance** for complex installs requiring commercial durability
- **Modular Architecture** supports interface with any vessel configuration
- **Unified Processing** combines vessel control and autonomy processing in a single enclosure
- **Built on proven SM300 platform**, with improved processing performance and hardware quality.

01.
INSTALL
Our off-the-shelf system integrates with vessels of any size or configuration and can be installed in less than one week.

02.
TRAIN
We deliver hands-on training and onboarding to ensure your crew is fully equipped every step of the way.

03.
EXCEL
Your autonomous vessel is now mission-ready to help you decrease costs and reduce risks while increasing precision and efficiency.

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TALOS
Our Intuitive ENC-Based User Interface

The **SM300-NG** system is powered by our proprietary autonomy software, **TALOS**.

Operate your vessel using **TALOS'** intuitive interface. Access all critical data in one place, including cameras, radar, speed, heading, payload controls, and more.

Robust, user-friendly, and continuously updated, **TALOS** delivers a reliable edge for every mission.

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01. ONBOARD CABINET

Cabinet Enclosure	IP65 Rated industrial-grade stainless steel
Hardware Architecture	Combined vessel control and autonomy processing in a single enclosure
Dimensions	20 x 20 x 8.80 inches (50.8 x 50.8 x 22.35 cm)
Weight	65 lbs. (29.48 kg)
Temperature Rating	0–60° C
Communications	Starlink, LTE, Iridium, Direct IP radio
Integrated Sensors	ENCs, AIS, Radar, ARPA AI-ris Computer Vision, HM&E Systems

02. USE CASES

Complex vessel integrations
Long-endurance and high-reliability operations
Systems requiring broad interface compatibility

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03. REMOTE COMMAND OPTIONS

Over-the-Horizon
Operate your vessel from anywhere with a satellite signal via our user interface.

Wired Controller
Plug the wired controller into your PC to command your vessl remotely using joysticks.

LOS Wireless Remote Helm
The wheelhouse in your hands. Control your vessel and payloads from up to 1 km away for flexible vantage point.

Tablet Controller
Command your vessel using joysticks with the convenience of a portable UI.

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