

SEA MACHINES

SM300



AUTONOMOUS  
COMMAND  
AND  
CONTROL SYSTEM



SEA-MACHINES / SM300

# AUTONOMY FOR MARINERS, BY MARINERS

Sea Machines is the leader in providing products for man-on-the-loop autonomous control and command technology for surface vessels. The SM300 system draws on decades of maritime and technology experience to provide vessel agnostic and retrofittable autonomous piloting capabilities that increase productivity, efficiency, and safety. Leveraging advancements in Artificial Intelligence (AI) and sensor fusion, the SM300 offers mariners a tool for shifting manual crew effort to pre-programmed navigational tasks.



**EDGE-COMPUTING  
AUTONOMY WITH FLEXIBLE  
SENSOR INTEGRATION**

**INTUITIVE USER INTERFACE**

**PAYLOAD CONTROL AND  
STREAM-FROM-SHIP DATA**

**LINE-OF-SIGHT AND  
OVER-THE-HORIZON  
COMMUNICATIONS**



## **SAFETY**

Approximately 85% of marine accidents are attributable to human error. Provides advanced situational awareness and dynamic collision avoidance



## **PRODUCTIVITY**

Increase crew capability by shifting routine navigational tasks to autonomous technology

# THE OPTIMIZATION OF MANNING ONBOARD VESSELS

The SM300 enables operators to remotely command and monitor vessels from a shipboard or shore-based station. Remote operators can plan all aspects of a voyage, including setting navigational waypoints and configuring vessel machinery, while safely monitoring the progress, situational awareness, and communication with the onboard crew. The SM300 directly benefits traditional workboat tasks such as bathymetric surveying, seismic support, spill operations, dredging, aquaculture, surveillance, area marking, escort, and more.



## FUEL EFFICIENCY

Optimization of acceleration and deceleration profiles and engine performance



## MINIMIZE RISK

Remove humans from harm's way and command the vessel from safer or visually optimized location

SEA MACHINES. SEA BETTER.



Mackay Marine – Commercial Sales  
+1 281 479 1515  
marinesales@mackaymarine.com



For more information,  
email [sales@sea-machines.com](mailto:sales@sea-machines.com)

[SEA-MACHINES.COM](http://SEA-MACHINES.COM)



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