SMART-SHIP TECHNOLOGY

RETOOLING THE MARINE & MARITIME INDUSTRIES FOR THE 21ST CENTURY

AUTONOMOUS COMMAND
REMOTE OPERATION
ASSET CONNECTIVITY
SEA MACHINES
PLUG & PERFORM
TECHNOLOGY IS YOUR:
CAPTAIN, MATE,
LOOKOUT, RADIO
OPERATOR, & ENGINEER

ADVANCED HARDWARE AND SOFTWARE FOR
AUTONOMOUS OPERATIONS

REDUCE OPERATIONAL COSTS 40%
INCREASE VESSEL PRODUCTIVITY 200%

INSTRUMENT FEED
AUTOMATE TASKS
REMOTE COMM.
MACHINERY INTEGRATION
PAYLOAD CONTROL
INTERFACE OTHER APPS
AUTO NAVIGATION
MACHINE AWARENESS

MISSION AND BEHAVIOR BASED AUTONOMY

READY-FOR-WORK
- Point-to-point, sweeping grids, or patrol patterns
- Collaborative mothership leading or following

PROGRAMMABLE MISSIONS
- Customizable PC-based task planner
- Integrates with 3rd party software applications

OBSTACLE & COLLISION AVOIDANCE
- Meshed multi-sensor perception
- Proprietary avoidance and rules-based algorithms

REAL TIME REMOTE VISIBILITY
- Stream vessel data to mothership or shore office
- Data logging for post-processing and analytics

INDUSTRIAL GRADE
- Proven and reliable marine industrial electronics
- Packaged and tested for harsh environments

A NEW ERA OF EFFICIENCY, PRODUCTIVITY, COMMAND, CONTROL & SAFETY

Modern advances in computer control have allowed aircraft, trains, and road vehicles to adopt increasing levels of autonomy. Sea Machines brings this latest wave of technology to the marine industry via a team of world-class engineers and autonomy scientists. Sea Machines enables a bold new era of vessel operations.
FOR MARINERS BY MARINERS
Autonomous control will fundamentally modernize the marine industry.

Sea Machines was built on the vision of bringing innovation & new technology to the marine sector.

The products developed by our team of mariners, engineers and scientists are ready to introduce unprecedented levels of command, control and connectivity to vessel operators.

APPLICATIONS
- Survey & Security
- Oil Spill & Fast Response
- Ferries & Shipping
- Tugs & Towing
- Offshore Supply Service

CAPABILITIES
- Waypoint Following
- Obstacle Avoidance
- Station Keeping
- Collaborative Following
- Payload Management

MODES OF OPERATION
- Joystick Control
- Autonomous Control
- Line of Sight
- Over the Horizon
- Shore to Ship

JOIN THE NEW WORLD OF MARINE AUTONOMY
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