



AUTONOMOUS SURFACE VESSEL LR-1



MEET THE LR-1: REDEFINING VERSATILITY IN MARINE OPERATIONS

The LR-1 (Long-Range #1) is engineered to adapt to your needs, whether operating autonomously or with a crew on board. From deep ocean exploration to navigating rocky coastlines, the LR-1 seamlessly integrates autonomous and crewed operations to tackle even the most demanding survey tasks.

With exceptional speed, stability, and endurance, the LR-1 delivers superior performance in challenging sea conditions, setting a new industry standard for range and reliability, especially when paired with a mothership. Outfitted with a fixed hull mount and a hydraulic over-the-side arm, it can accommodate a wide array of sensors, making it the ultimate tool for diverse mission requirements.

Discover the unmatched versatility of the LR-1. Where precision meets efficiency.





SPECIFICATIONS

Specs

Flag of Registry: USA
Autonomous vessel
Manufacturer: Custom
Year Built: 2023
Hull: Aluminium
Hull Shape: V-shaped

Dimensions

LOA: 25'
Beam: 9'
Maximum Draft: 2'

Engines (1) Outboard

Engine(s): Yamaha 150 Outboard
Total Power: 150 HP.
Survey Speed: Up to 7 knots
Transit Speed: Up to 12 knots

Passengers

6 Max

Tankage

Fuel: 250 gallons

Electrical

110 -12 Volt

Electronics

VHF
Garmin Forward Scanning
Depth Sounder
Time Zero Chart Plotter
with radar overlay
Furuno Radar
Class B AIS transmitter/receiver
Garmin GPS
MBR communication

Satellite Communications

Starlink

Additional Equipment

Generator 3kw 110VAC
Heated Cabin
Multi-beam attachments, both
hydraulic arm and hull mount



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