

MILITARY VESSEL

62 METER S5-S3 Support Ship (Mother Ship) For Multi-Domain Unmanned Systems



LOA	Beam	Draft	Speed	Range	Other Specs
205 ft. (62.5m)	34 ft. (10.4m)	8.25 ft. (2.5m)	32 knots	4,500 NM at 25 knots	Fuel Capacity: 96,000 Gal (363,399 L)

OVERVIEW

The S5-S3 Support Ship is a state-of-the-art engineering solution for LUSV, utilizing a proven Fast Supply Vessel (FSV) platform. It is an unmanned (remote or autonomous) large, high-speed Unmanned Surface Vehicle (LUSV) with long endurance, a robust aluminum hull, and a heavy-duty propulsion pack. The design is ABS-approved, with multiple configurations and a TRL 9 rating for both the craft and its technology. Outfitted with containerized missile defense systems, strike packages, mission modules, and launch and retrieval capabilities for UAVs, USVs, and UUVs, this vessel can execute multiple missions simultaneously, including defensive and offensive surface and underwater warfare. Additionally, it can serve as a logistics support platform.

Collaborating with U.S. Navy (N95) divisions, Swiftships has enhanced the range and adaptability of its commercial platforms to create the Multi-Mission USV (MM-USV), supporting U.S. and Allied Force objectives at a fraction of the costs of traditional naval vessels. This vessel has reserve weight and space capacity, enabling clients to customize weapons, sensors, and unmanned systems to meet specific theater and mission requirements.

MACHINERY

- **Engines:** 4 x CAT 3512-M [1,800RPM]
- **Propulsion:** 4 x Fixed Pitch. Prop
- **Generator:** 2 x CAT C9 @ 250 kWh

SPECIAL OPTIONS

Our S5 can be outfitted with any weapons/sensors. The sensor and communication systems on board allow for autonomy and situational awareness (DP2) to hold positions up to 1 meter. The S5 can be configured with a payload (41m x 8.5m) weight of 350 Tons, max. displacement of 660 Ton or deploy 32 x S3 USVs or 8 x 20 ft.

OTHER

- **Hull:** 5086 Marine Grade Aluminum
- **Sea-State(SS):** Operate (5+)
- **Sea-State:** Survive (6)
- **Transportable:** Sea
- **TRL:** 9 (Craft), and 9 (Technology)
- **Refueling:** Compatible
- **Thrusters:** 2 x 203 PS
- **Gears:** 4 x Twin-disk [MGX 61000]

SENSORS/ ELECTRONICS

- **NAV:** Furuno [FR-8122]
- **AIS:** Furuno FA-150
- **GPS:** Furuno [GP-150 SEA]
- **Comms:** I-COM [M504-11]
- **Camera:** HD FLIR [Optional]
- **DP Sys:** Beier DP2 [IVCS 2000]
- **Combat Sys:** Terma/LM/Other [Optional]
- **2D/3D:** Air Search Radar [Optional]

ARMANENTS

- **Guns:** Up to .50 Cal.
- **Weapons:** Missiles/ESM
- **UAS/UAV:** Vertical/Launcher

