

# 10 METER S-I: SWIFT INDEPENDENCE (LUC-E)

BUILT FOR MULTI-DOMAIN MISSIONS WITH  
CYBER-HARDENED AGILITY

The S-I is a V-shaped, monohull, aluminum, Small Unmanned (remote or autonomous) Surface Vehicle (sUSV) with Low Signature or RCA, Engine Muffled, Shielding, and Special Paint (configurable) offering high speed/ endurance, .50 cal. or 7.62 (Dillon) Remote-Controlled Weapons Systems (RCWS), UAV/ UUV and Payload deployment of up to 8 Tons (at 25 knots).

LENGTH	BEAM	DRAFT	RANGE	WEIGHT
35 ft. (10.6m)	8.1 ft. (2.5m)	2.0 ft. (0.6 m)	450 NM at 30 knots	426 lbs. (1,612.6 kg)





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SPECIFICATIONS



CHARACTERISTICS

- **Length:** 35 ft. (10.6m)
- **Beam:** 8.1 ft. (2.5m)
- **Draft:** 2.0 ft. (0.6 m)
- **Range:** 450 NM at 30 knots
- **Weight:** 426 lbs. (1,612.6 kg)
- **Fuel Capacity:** 16,000 Gal (7,529 L)

MACHINERY

- **Engines:** 2x Fiat Engine [3,200 RPM]
- **Propulsion:** 2xHJ (HJX27) [353 kW]
- **Generator:** 3kW

ARMAMENTS

- **Payload:** Variable up to 8,000 lbs
- **Torpedo:** Mk48 or Mk32/46
- **Mines:** 10 x 450 lb

ELECTRONICS

- **Radar:** SIMRAD [Part# HALO 24]
- **NAV:** Vector Navigation [Part# VN-300]
- **AIS:** Sitex [DA-2]
- **GPS:** TE Connectivity [ANT-SH2-SMA]
- **Comms:** Starlink BLOS
- **Camera:** FLIR Low-light, HD-Night Vision [FLIR M364C]
- **Antenna:** L-COM [HG2406DPU], Shakespeare [5912]

OTHERS

- **Hull:** 5086 Marine Grade Aluminum
- **Sea-State (SS):** Operate/Survive (3-4)
- **Production:** Rapid Robotic Manufacturing Capability (3 crafts/month)
- **Transportable:** Air, Sea, or Land
- **TRL:** 9 (Craft), and 7 (Technology)
- **Stability:** Outriggers [prd/sttbd]

# About Swiftships

Swiftships is a global leader in shipbuilding and maritime systems integration. Our main offerings include design, engineering, shipbuilding, co-production programs, repair, maintenance and refitting services.

**A Journey Through 80 Years of Shipbuilding Excellence**

**1942**  
Established  
in

**>1000**  
Vessel  
Built

**>120**  
Designs/  
IP Owned

**53**  
Nations  
Served

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