

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. The Swiftships team constantly pushes to improve the capabilities of our clients and partners so they can, in turn, accomplish their missions more efficiently and safely.

// A Journey Through 80 Years of Shipbuilding Excellence

1942 Established in	>1000 Vessel Built	>120 Designs/IP Owned	53 Nations Served	4 Shipyards
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Our Unmanned Naval Vessels

Swiftships is a leading figurehead in Unmanned Surface Vehicle (USV) technology, delivering state-of-the-art solutions that revolutionize naval operations. With over 80 years of maritime expertise, we design, build, and support advanced unmanned vessels. Our cutting-edge technologies equip our clients with future-ready autonomous systems, enhancing operational effectiveness and setting industry standards.



TRUST.EXCELLENCE.INNOVATION

**SWIFTSHIPS
UNMANNED VESSELS
THE FUTURE OF ADVANCED
NAVAL OPERATIONS**



SWIFT HEADQUARTERS

1660 International Drive 2nd Floor, McLean, VA 22102

Phone: 985-384-1700

Fax: 703-356-1166

SWIFT EGYPTIAN CO-PRODUCTION SITE

22 Ali Basha Zulfikar Roushdy, Alexandria, Egypt

Phone: 985-384-1700

SWIFT MENA REGIONAL OFFICE

378 El-Horeya Road, Mostafa Kamel, Alexandria Egypt

SWIFT CORPORATE OFFICE

8001 Hwy 182 East, Morgan City, LA 70380

Phone: 985-384-1700

Fax: 985-380-2565

SWIFT KSA

Shamali – Suite #23, Riyadh 11321, Saudi Arabia

Phone: +966 11 211 2344

www.swiftships.com



S3: Swift Sea-Stalker

The S3 is a Small Unmanned (remote or autonomous) Surface Vehicle (sUSV) with high endurance, robust aluminum hull, and a heavy-duty No. 2 diesel engine that offers two propulsion options: propeller or water jet-based systems. It complies with NATO Standardization Agreements (STANAG) 4586 and the USN Joint Architecture for Unmanned Systems (JAUS) protocols. It can be shipped as a kit or non-kit.

CHARACTERISTICS

- **LOA:** 20 ft. (6.1 Meters)
- **Beam:** 6 ft. (1.82 Meters)
- **Draft:**. 6.6 ft. (1.98 Meters)

MACHINERY

- **Engine:** Yanmar, 4LV230 [3,800 RPM]
- **Propulsion:** Yanmar Outdrive
- **Generator:** 3kW (optional)

SPEED/RANGE

- **Speed:** 45+ knots
- **Range:** 1,000 NM at 35+ knots
- **Fuel:** 400 Gallons (1,514.2 Liters)

ARMAMENTS

- **Gun:** Dillon Mini Auto Gun
- **Payload:** Variable up to 1,000 lbs.
- **UAS:** Compatible

S-I: Swift Independence (LUC-e)

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). It can be shipped as a kit or non-kit.

CHARACTERISTICS

- **LOA:** 35 ft. (10.6 Meters)
- **Beam:** 8.1 ft. (2.5 Meters)
- **Draft:**. 2.0 ft. (0.6 Meters)

MACHINERY

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

SPEED/RANGE

- **Range:** 450 NM at 30 knots
- **Fuel:** 426 Gallons (1,612.6 Liters)
- **Weight:** 16,600 lbs. (7,529 kg)

ARMAMENTS

- **Gun:** Up to .50 cal. w/ Armor
- **Payload:** Variable up to 8,000 lbs.
- **UAS:** Compatible

S5: S3 Support Ship

The S5 is a Large Unmanned (remote or autonomous) Surface Vehicle (LUSV) with high endurance, a robust aluminum hull, and a heavy-duty No. 2 diesel engine available in propeller systems. An ABS-approved design with multi-configuration capabilities in performing Search/ Rescue and ISR missions. SOLACE/STNG Compatible. Available in 30 days.

CHARACTERISTICS

- **LOA:** 205 ft. (62.5 Meters)
- **Beam:** 34 ft. (10.4 Meters)
- **Draft:**. 8.25 ft. (2.5 Meters)

MACHINERY

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

SPEED/RANGE

- **Speed:** 32 knots
- **Range:** 4,500 NM at 25 knots
- **Fuel:** 96,000 Gallons (XX Liters)

ARMAMENTS [OPTIONS]

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

SU-1: Swift Undertaker-1

The SU-1 is a Small Unmanned Underwater Vehicle (SUV) with high endurance, a robust aluminum frame, an HDPE shell, and a flooded design hull with low power, small aperture, two-way modular systems, and low probability of intercept (LPI). It has cooperative multi-day navigation with over 100 NM of area coverage and minimum reliance on GPS. It can be Air-shipped as kit or non-kit.

CHARACTERISTICS

- **LOA:** 7 ft. (2.3 Meters)
- **Diameter:** 1.6 ft. (0.51 Meters)
- **Depth:** 330 ft. (100 Meters)

MACHINERY

- **Propulsion:** 48V DC Elec. [2,400 RPM]
- **Thrusters:** 2 axial, and 2 vertical
- **Rechargeable:** Yes [60 min]

SPEED/RANGE

- **Speed:** Up to 30 knots
- **Range:** 250 NM at 30 knots
- **Weight:** 100 lbs. (45 kg) NP

BATTERY

- **Battery:** Modulated
- **Power:** 15.5 kWh
- **Type:** 6x2.5 kWh [Lithium-ion]

S3-HP: S3 - High Performance

The S3-HP is a high-endurance unmanned small surface vessel (sUSV) with a durable aluminum hull, Indmar gasoline engine, water-jet propulsion, and Seakeeper 1 gyro-stabilizer. Based on the proven S3 platform, it features modular architecture, plug-and-play C2, and advanced ISR capabilities—designed for agile, high-speed missions. Fully aligned with STANAG 4586 and JAUS protocols, the S3-HP ensures proper integration across NATO-compliant systems. It is available as a kit or fully assembled.

CHARACTERISTICS

- **Length:** 20 ft. (6.1 Meters)
- **Beam:** 6 ft. (1.82 Meters)
- **Draft:**. 1-2 ft. (up to .61 Meters)

MACHINERY

- **Engine:** Indmar Engine [310 HP]
- **Propulsion:** Hill Jet [Hi280]

SPEED/RANGE

- **Speed:** 45+ knots
- **Range:** 800-1000 NM
- **Fuel:** 3,000 lbs. (1360.8 kg)

ARMAMENTS

- **Gun:** Dillon Mini Gun (7.62mm)
- **Payload:** Variable up to 600 lbs.
- **Torpedo:** Twin tube LWT Mk 46

SC-1: Swift Challenger

The SC-1 is a Small Unmanned (remote or autonomous) Surface Vehicle (sUSV) with high endurance, a robust aluminum hull, and a heavy-duty no. 2 diesel engine available in out-drive or water jet systems. It complies with NATO Standardization Agreements (STANAG) 4586 and the USN Joint Architecture for Unmanned Systems (JAUS) protocols. It can be shipped as a kit or non-kit.

CHARACTERISTICS

- **LOA:** 46 ft. (14 Meters)
- **Beam:** 6 ft. (1.82 Meters)
- **Draft:**. 6.6 ft. (1.98 Meters)

MACHINERY

- **Engine:** 2xVolvo D13-700 [2,300 RPM]
- **Propulsion:** 2xHJ (HJX27) [353 kW]
- **Generator:** 3kW (optional)

SPEED/RANGE

- **Range:** 1,000 NM at 30 knots
- **Fuel:** 400 Gallons (1514.16 Liters)
- **Weight:** 1660 lbs. (753 kg)

ARMAMENTS

- **Gun:** Two (2) .5 cal./ Dillion MG
- **Payload:** Up to 10,000 lbs.
- **UAS:** Compatible

SENSOR/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]
- **Antenna:** Shakespeare [5912]

OTHER

- **Hull:** 5086 Marine-Grade Aluminum
- **Sea-State (SS):** Operate/Survive (2-3)
- **Production:** Rapid Manufacturing Capability (15–20 crafts/month)
- **Transportable:** Air, Sea, or Land
- **TRL:** 9 (Craft), and 7 (Technology)
- **Watertight:** Hull cannot sink unless intentionally scuttled
- **Stability:** Outriggers [prd/sttbd]

SENSOR/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]
- **Antenna:** Shakespeare [5912]

OTHER

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

SENSOR/ELECTRONICS

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

OTHER

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

SENSOR/ELECTRONICS

- **Guidance:** PCB/Micro Controls [RS485]
- **NAV:** Fusion of DVL, INS, and Altimeter
- **Situational:** Gemini 1200ik FLS
- **Comms:** Iridium [9603N]
- **Modem:** RockBLOCK [9603]
- **Altimeter:** ISA500 w/AHRS
- **BMS:** Integrated for Hotel Loads
- **Antenna:** Shakespeare [5912]

OTHER

- **Mission:** ISR
- **Data Management:** 4GB [Flash]
- **Software:** GUI-based Tool Suite
- **Transportable:** Air, Sea, or Land
- **TRL:** 7 (Craft), and 7 (Technology)
- **Positioning:** Acoustic/RF [40-600 ft.]
- **System:** Bathymetric/Quick-look GPS
- **Sensor:** EM and EO/IR

SENSOR/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
- Vision [FLIR M364C]
- **Antenna:** L-COM [HG2406DPU], Shakespeare [5912]

OTHER

- **Hull:** 5086 Marine Grade Aluminum
- **Sea-State (SS):** Operate/Survive (2-3)
- **Production:** Rapid Robotic Manufacturing Capability (15–20 craft/month)
- **Transportable:** Air, Sea, or Land
- **TRL:** 9 (Craft), and 7 (Technology)
- **Watertight:** Hull cannot sink unless intentionally scuttled
- **Stability:** Outriggers [prd/sttbd]

SENSOR/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]
- **Antenna:** Shakespeare [5912]

OTHER

- **Hull:** 5086 Marine Grade Aluminum
- **Sea-State (SS):** Operate/Survive (4-5)
- **Production:** Rapid Manufacturing Capability (5-8 crafts/month)
- **Transportable:** Air, Sea, or Land
- **TRL:** 9 (Craft), and 7 (Technology)
- **Watertight:** Hull cannot sink unless intentionally scuttled
- **Stability:** Outriggers [prd/sttbd]