

LUSV - 2025 Large Unmanned Surface Vessel

United States

Type: USV - Unmanned Surface Vessel

Max Speed: 45 kt

Commissioned: 2025

Length: 100.0 m

Beam: 17.5 m

Draft: 4.1 m

Crew: 0

Displacement: 1800 t

Displacement Full: 2000 t

Propulsion: 2x Rolls-Royce MT30 Gas

Turbines, 2x Rolls-Royce Waterjets

Sensors / EW:

- AN/KAX-2 SeaFLIR II [IR] - (Director) Infrared, Infrared, Weapon Director & Target Search, Tracking and Identification Camera, Max range: 111.1 km
- AN/KAX-2 SeaFLIR II [Laser Rangefinder] - (Director) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km
- AN/KAX-2 SeaFLIR II [TV Camera] - (Director) Visual, Visual, Weapon Director & Target Search, Tracking and Identification TV Camera, Max range: 55.6 km
- AN/SPS-75 [TRS-3D/32] - (Naval TRM-S 3D) Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 185.2 km
- WBR-2000 ES - (LCS 1 Freedom) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Type 2087 [CAPTAS Mk4, Towed Body] - (UMS 4249) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 129.6 km

Weapons / Loadouts:

- Mk245 GIANT Flare - (1997, DM19A1) Decoy (Expendable). Surface Max: 1.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- 57mm/70 Bofors Mk3 GP Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 9.3 km. Land Max: 9.3 km.
- RIM-116C RAM Blk II - (2015) Guided Weapon. Air Max: 18.5 km. Surface Max: 18.5 km.
- RGM-184A NSM Block 1 - ([Naval Strike Missile] 2013) Guided Weapon. Surface Max: 185.2 km. Land Max: 185.2 km.