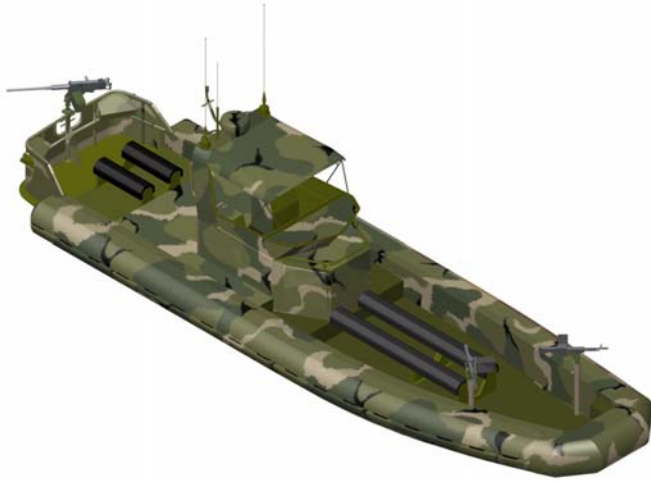


# UNITED STATES MARINE CORPS SMALL UNIT RIVERINE CRAFT (SURC)



LOA (with transom platform)	39.5'
Beam	10' 2" (collars removable for C-130 transport)
Combat Load Displacement	22,000 lbs
Capacity	16 troops (up to 18 possible) and 2 crew at 285 lbs / person nominal allowance for weapons and ammunition
Propulsion	Twin Yanmar 6LY2A-STP 440 BHP at 3300 RPM with ZF 280 reduction gear (1.214 to 1) Twin Hamilton HJ292 waterjets (15.5 kW impellers) capable of operating on JP-5, JP-8 and marine diesel # 2
Speed (@ Combat Load)	35 knots cruise / 39 knots sprint
Acceleration	Accelerate to 25 knots in less than 15 seconds
Turning	Turn 180 deg in less than one boat length
Draft	24" static
Range	greater than 250 nm
Operating Environment	Air temperatures from 20 to 125 degrees F fresh, salt and brackish water temperatures ranging from 33 to 95 degrees F Fully operational in SS 2 and reduced operations in SS 3.
Hull	Aluminum 5086 (1/4" bottom plate) with full length beaching plates. Patented, high-strength, solid cell polyethylene foam collar provides stability, redundant buoyancy, and small-arms ballistic protection. 18 degree constant deadrise
Transportability	C-130 Internal & CH-53 External Air Transportable Boat Master Trailer (37 ft. 6 in. long by 8 ft. 8 in. wide, weighs 3,000 lbs. with a 19,800 lb. load carrying capacity).
Weapons	3 Mounts for heavy machine guns
Ballistic Protection	Propulsion system protected against mobility kill.
Smoke Obscuration	Four M-257 grenade launchers for M76 66mm obscuration grenades
Navigation	Raymarine RAY53 VHF Marine Band Radio ST 60 Depth Sounder, SL72 LCD Radar and Ritchie magnetic compass, Integrated AN/PSN 11 GPS (PLGR)
Communications	SINCGARS (VHF Tactical) Radio and AN/VIC 3 stations
Electrical	24 VDC, ungrounded

*Operational Unit  
Procuring Agency  
Engineering Agent  
Prime Contractor  
Boatbuilder*

*Small Craft Company, HQ Battalion, II MEF  
Marine Corps Systems Command  
Combatant Craft Division, NAVSEA, Carderock  
Raytheon Naval Integrated Systems  
Safe Boats International*

