



LST-HD

Landing Ship Tank-Helicopter Dock

Missions

Primary Missions

- To carry out amphibious operations and force deployment
- To land embarked vehicles, personnel with all their weapons, by bow door and ramp, LCM/LCAC landing crafts in the Dock area, helicopters at Flight Deck or a combination of all these assets
- To Provide Emergency Medical and Life Support for LST-HD embarked personnel

Secondary Missions

- To conduct large-scale humanitarian and disaster relief missions
- To be used as a healthcare and hospital support facility
- To land personnel, vehicles and supplies in ports and poorly equipped areas through on-board vessels, landing craft mechanized (LCM) units or Air-cushioned landing craft, LCAC (multi-purpose hovercraft)

General Specifications

General Information

Length	: 161 m
Beam max	: 24 - 31 m
Depth	: 12.5 m
Draught	: Forward <1,9 Aft <5,0 m
Displacement	: 10.000 tonnes

Performance

Speed	: 18/15 knots
Range	: 8.000 nm
Endurance	: 10 days with Marine unit / 30 Days Crew only

Accommodation

Crew	: 184 Crew Members
Experts	: 22 Helicopter Wing Personnel 354 Embarked Marines

Technology & Combat Systems

Propulsion & Energy Systems

Propulsion	: Diesel Engines+ Gear box+ Shaft+CPP
Engines	: 4 x Diesel Engines

Navigation

Nautical	: Navigation Radar,
Eqp	2 x Fiber Optic INS, WECDIS DGPS Echo Sounder EM Log Ship Data Distribution System Meteorological sensors

Weapon & Sensor Suite

Weapons:	OPTION - 1 1x76 mm Gun, 4 x12.7 mm STAMP 2xCIWS, 2X4 SSM, 2X4 SAM-VLS CHAFF/IR Decoy OPTION - 2 1x76 mm Gun, 1 x 40 mm Gun, 4 x12.7 mm STAMP 2xCIWS , CHAFF/IR Decoy
Sensors:	3D Surveillance Radar, LPI Radar, Fire control radar with E/O Sensor, EOD, LWS, ESM, IFF, WAIS
Communication:	HF, UHF and VHF Military Communications, SATCOM, SART, EPIRB, Military Link System, CCTV