

VARD 7 510 LST

Landing Ship Tank



25 07 2018

VARD 7 510 LST

DESIGNER: Vard Marine Inc.
BUILT BY: TBC
OWNER: TBC
DELIVERY: TBC
DESIGN: VARD 7 510 LST

The VARD 7 510 LST is a landing ship and logistics vessel designed for the projection and support of forces, amphibious operations and landing, support of maritime special ops, patrol of EEZs, and humanitarian assistance.

The vessel is fitted with combination watertight bow and stern ramps providing access to an internal RoRo compartment. Vehicles are loaded at the pier via the stern ramp and the bow ramp facilitates landing vehicles on shore.

The vessel is equipped with a fast response craft on either side of the vessel to facilitate boarding operations and to be used to muster liferafts in an emergency scenario. A helideck capable of accommodating a 13 tonne helicopter is located behind the superstructure and a multi-mission working deck is located forward.



Specifications

PRINCIPAL PARTICULARS:

Length overall	100 m	328' - 1"
Length waterline	95.6 m	313' - 8"
Breadth molded	18.0 m	59' - 1"
Depth main deck	7.75 m	25' - 5"
Design draft	3.8 m	12' - 6"

CLASSIFICATION:

BUREAU VERITAS I✶HULL MACH RoRo Cargo Ship,
AUT-UMS, AUT-CCS, AUT-IMS

CAPACITIES:

Fuel oil	485 m ³	128,000 USG
Lube oil	8 m ³	2,100 USG
Fresh water	175 m ³	46,200 USG
Waste tanks	325 m ³	85,800 USG

AVIATION:

Flight deck	Heavy lift helicopter	Mil Mi-17/ Mil Mi-35
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PERFORMANCE:

Maximum speed	16 kn
Range	4500 NM @ 12 kn
Endurance	21 days

PROPULSION MACHINERY:

Main engines	2 x 2000 kW	2 x 2680 hp
Diesel generators	3 x 540 kW	3 x 720 hp
Emergency generator	1 x 200 kW	1 x 270 hp
FPP (wing shafts)		2 x 2.4 m dia
Bow thruster	1 x 550 kW	1 x 740 hp

LIFESAVING EQUIPMENT:

Life rafts	2 x FRC's
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DECK MACHINERY:

Cargo cranes	2 x 20 MT @ 20m
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COMPLEMENT:

A total of 558 persons

