

# VARD 7313

Multi-Purpose Logistics Vessel



09/21/2018

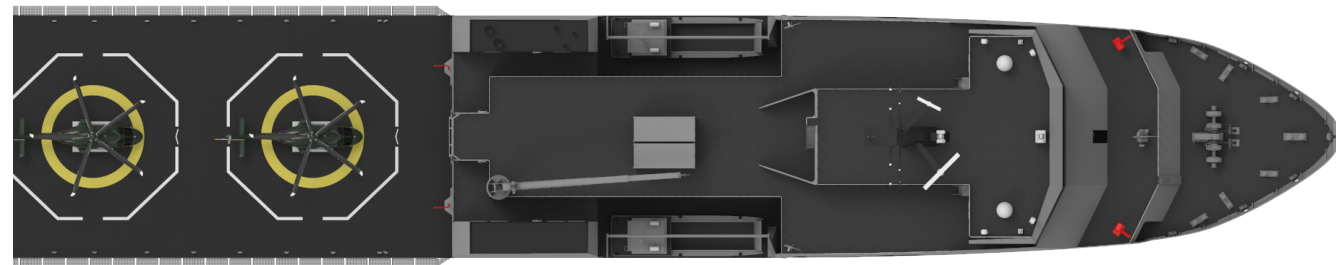
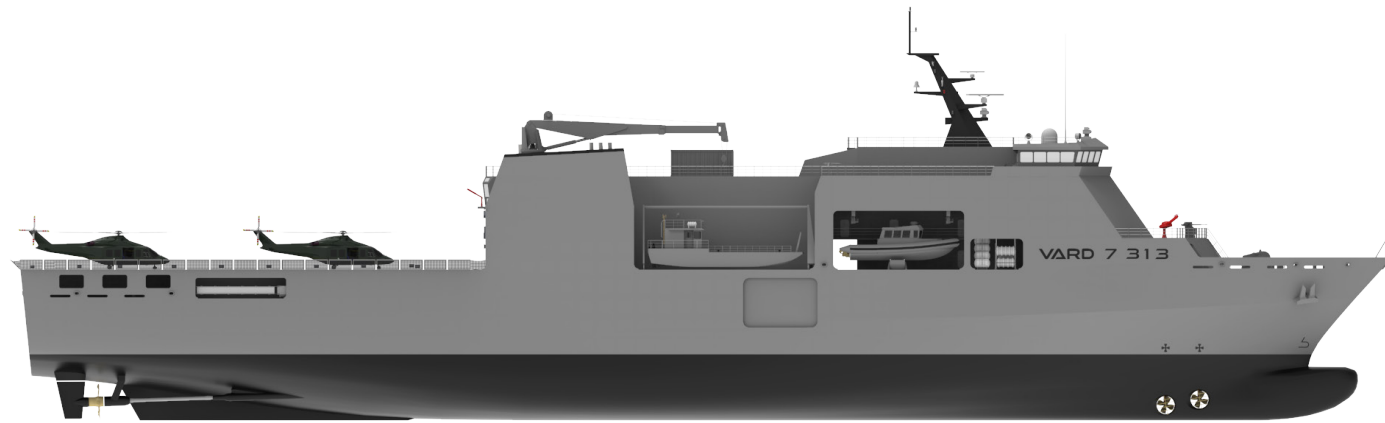
# VARD 7 313

**DESIGNER:** Vard Marine Inc.  
**BUILT BY:** TBD  
**OWNER:** TBD  
**DELIVERED:** TBD  
**DESIGN:** VARD 7 313

The VARD 7 313 is a multi-purpose logistics vessel designed as a flexible platform to aid in force projection, maritime special operations, EEZ patrol, and humanitarian assistance. The vessel has significant capabilities for off-loading heavy equipment, carrying cargo, transporting troops, launching boats, and supporting aviation.

An internal ro-ro deck accommodates a variety of equipment including tanks, trucks, and ISO containers which can be efficiently loaded from a pier via ramps on the stern and vessel's side. Two full-breadth cargo holds located beneath the ro-ro deck provide extra storage capacity, while protected areas forward house expansive troop accommodations providing safe and comfortable passage for embarked personnel.

Large open deck areas on each side of the vessel provide secure storage for two 15 m landing craft and two 11 m RHIBs. Aviation facilities include a flight deck capable of landing two medium lift helicopters and a hangar accommodating four. Expansive medical facilities are readily accessible from the flight and boat decks. Substantial internal area is dedicated to configurable offices and operations areas to support missions.



# Specifications

## MAIN PARTICULARS

Length overall	130.0 m	436'-4"
Length waterline	123.9 m	406'-6"
Breadth moulded	24.0 m	78'-9"
Depth main deck	9.0 m	29'-6"
Design draft	5.4 m	17'-8"

## PERFORMANCE

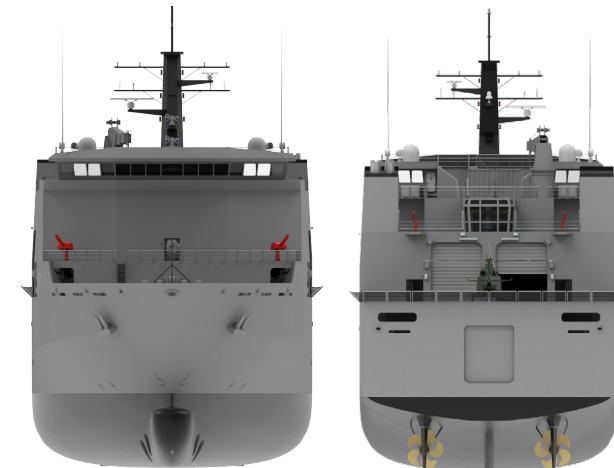
Speed	20.0 kn max	
Range	8,000 NM @ 16 kn	
Endurance	30 days	

## CLASS

BUREAU VERITAS IxHULL MACH RoRo Cargo Ship, AUT-UMS, AUT-CCS, AUT-IMS

## TRANSPORT CAPACITIES

Ro-ro deck	1,400 m <sup>2</sup>	15,000 ft <sup>2</sup>
	470 lane-meters	1,540 lane-feet



Cargo hold	2 x 550 m <sup>3</sup>	2 x 19,400 ft <sup>3</sup>
Flight deck	2 x medium lift helicopter	
	1,080 m <sup>2</sup>	11,600 ft <sup>2</sup>
Hangar	4 x medium lift helicopter	
	400 m <sup>2</sup>	4,300 ft <sup>2</sup>
RHIB (davit launched)	2 x 11 m	2 x 36'
Landing craft (davit launched)	2 x 15 m	2 x 50'

## FACILITIES

Medical	145 m <sup>2</sup>	1,560 ft <sup>2</sup>
Configurable operational space	200 m <sup>2</sup>	2,150 ft <sup>2</sup>

## PROPULSION MACHINERY

Configuration	Geared diesel with PTO & PTI boost	
Main engines	2 x 4,000 kW	2 x 5,360 hp
Bow thrusters	2 x 500 kW	2 x 670 hp
Service generators	3 x 2,000 kW	3 x 2,680 hp
PTIs	2 x 1,750 kW	2 x 2,340 hp
Drives	2 x Schottel SRP 1215	

## DECK MACHINERY

Stern ramp	70 tonnes	70 LT
Side ramp	70 tonnes	70 LT
Deck crane	20 tonnes @ 20 m	20 LT @ 65'-6"

## ARMAMENT

1 x 25 mm gun  
 2 x 0.50 caliber machine gun

## COMPLEMENT

Core crew	74
Trainees	32
Embarked personnel	300

