

VARD 7 100

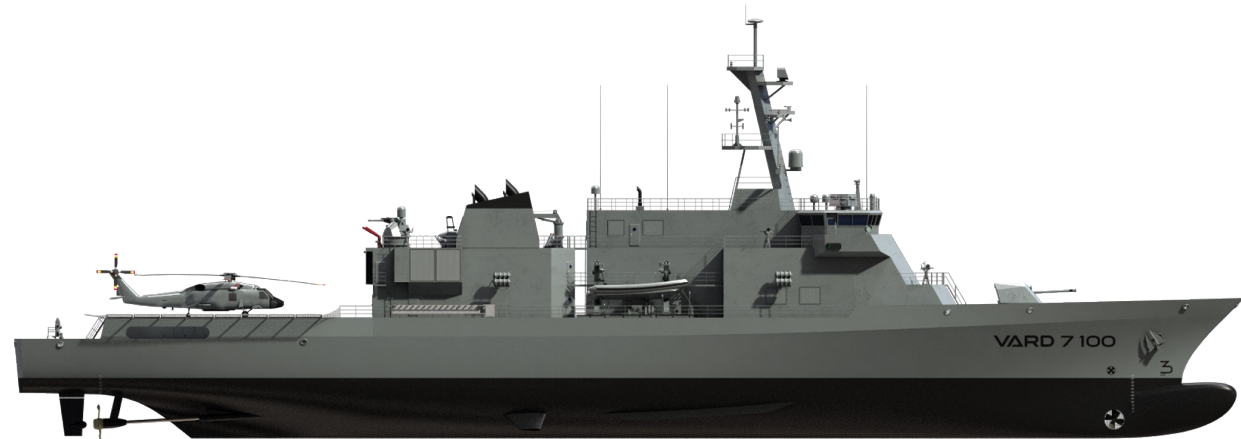
DESIGNER: Vard Marine Inc.
BUILT BY: TBD
OWNER: TBD
DELIVERY: TBD
DESIGN: VARD 7 100

The VARD 7 100 is a dynamically stable design that enables safe launch and recovery of cutter boats and helicopters in Sea State 6.

The innovative combination of traditional fin stabilizers for high speed and gyro stabilization for low speed provides excellent seakeeping characteristics and the best of both operating states with low risk.

In order to provide fuel efficiency and greater range, this vessel is powered by CODELAD (combined diesel and electric) which allows for instantaneous changeover.

The design has ample space to oversee and direct boarding operations from the bridge.



Specifications

MAIN PARTICULARS

Length overall	100.0 m	328'-0"
Length waterline	94.8 m	311'-0"
Breadth moulded	15.8 m	52'-0"
Depth main deck	7.5 m	24'-6"
Design draft	5.0 m	16'-4"

PERFORMANCE

Installed power	18,200 kW	24,400 hp
Speed	25.0 kn max	
Range	9,500 NM @ 14 kn	
Endurance	60 days	

CLASS

LRS SSC ✕100 A1 ✕100 LMC WMI PSMR DP(CM) NAV1
 IWS Patrol Mono G6 (unlimited range)

CAPACITIES

Fuel oil	784.8 m ³	207,322 USG
Fresh water	123.3 m ³	132,572 USG
Lube oil	23 m ³	6,075 USG
Ballast water	657.7 m ³	173,745 USG

PROPULSION MACHINERY

Diesel engines (SCR)	2 x 9,100 kW	2 x 12,200 hp
Electric motor drives	2 x 750 kW	2 x 1,000 hp
Bow thruster	1 x 750 kW	1 x 1,000 hp

AUXILIARY MACHINERY

Diesel generators	4 x 500 kW	4 x 670 hp
Emergency generator	1 x 150 kW	1 x 200 hp

WEAPONS

Gun weapon system	1 x 57 mm	MK 48 MOD
Gun weapon system	2 x 25 mm	MK 38 MOD
Small arms mount	.50 calibre	stabilized
Machine gun system		crew served
Decoy launch system		MK 53 MOD 6

COMPLEMENT

126 persons

