

# VARD 4 106

Service Operations Vessel



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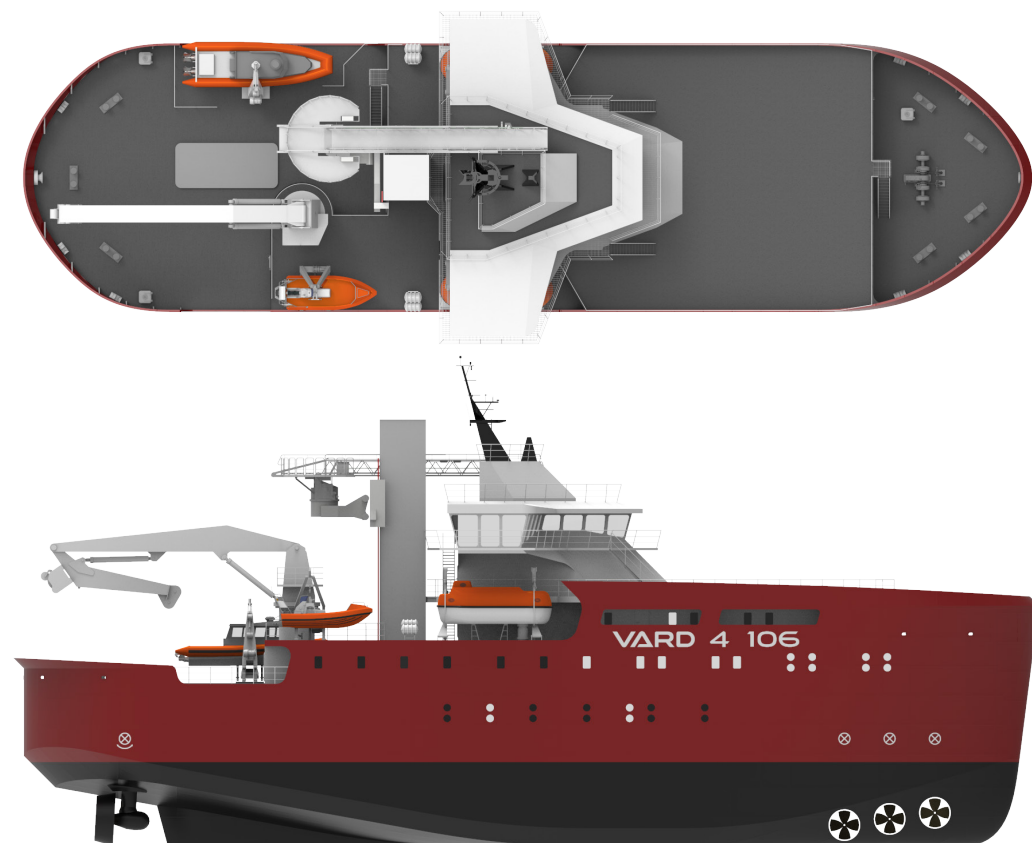
# VARD 4 106

**DESIGNER:** Vard Marine Inc.  
**BUILT BY:** TBD  
**OWNER:** TBD  
**DELIVERY:** TBD  
**DESIGN:** VARD 4 106 US

The Vard 4 106 is designed to be a multifunctional windfarm Service Operations Vessel (SOV) to support construction and operation of windfarms. Based on the lessons, technologies and operational preferences of the key European windfarm operators, the Vard 4 106 has been tailored to suit North American shipbuilding practices and capabilities. Main deck equipment can be selected for owner specific requirements and further tailoring of the design for the local market and supply chain is possible. The current configuration is based around a 3T @ 25m reach crane and a 20m telescoping and height adjustable gangway.

The working deck also accommodates a 10m daughter-craft, dedicated lifeboats and an FRC. Below decks 6 20' 150 containers can be stored away from the weather in a cargo facility which provides direct access to the internal gangway elevator. This same gangway elevator is centrally located for easy technical access allowing for step free access from stores, workshops, change rooms and accommodations to the turbine transition piece level. Portside and starboard daughter craft landing spots provide additional crew transfer options and the optional bow winch point can be used for emergencies.

With DP-2 configuration, single accommodation for up to 40 technicians and a 30 day endurance, the Vard 4 106 provides all of the latest SOV features in a compact and tailored solution for today's US windfarm market.



# Specifications

## MAIN PARTICULARS

Length overall	66.9 m	219'-6"
Breadth moulded	17.8 m	58'-5"
Depth main deck	7.2 m	23'-7"
Design draft	5.5 m	18'-1"

## PERFORMANCE

Installed power	3 x 2,100 kW	3 x 2,816 hp
Design speed	10.0 kn max	
Endurance	30 days	

## CLASS

ABS +A1, Offshore Support Vessel, +AMS, +ACCU, DP@-2, HAB(WB)

## DECK MACHINERY

3T@25m offshore rated crane  
 24m telescoping and height adjustable gangway

## PROPULSION MACHINERY

Z Drives	2 x 1,350 kW	2 x 1,810 hp
Tunnel thrusters	3 x 1,250 kW	3 x 1,676 hp
Emergency generator	1 x 150 kW	1 x 201 hp

## LIFESAVING EQUIPMENT

Enclosed lifeboats	2 x 63 passengers
SOLAS fast rescue craft	1 x 8m

## CAPACITIES

Fuel oil	600 m <sup>3</sup>	158,503 USG
Fresh water	500 m <sup>3</sup>	132,086 USG
Water ballast	1,300m <sup>3</sup>	343,424 USG
Deadweight	1,200 tonnes at 5.5m draft	

## COMPLEMENT

18 crew  
 40 technicians

