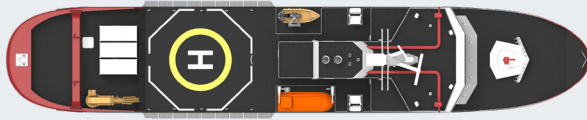




VARD 9 610 ETV  
Emergency Towing Vessel



- The VARD 9 610 is a highly capable and customizable Southern Ocean emergency towing vessel. Tailored to operate in extremely harsh weather environments, it has full PC6 ice class notation and provides efficient and responsible performance for towing, rescue and salvage operations. Full FiFi II capability, 200+ MT bollard pull, port and starboard rescue zones and a central flight deck for maximum helicopter operability windows provide the ultimate solution to deep water rescue operations. Crew accommodations are MLC 2006. Significant covered working decks and external spaces with DP2 propulsion and a safe return to port configuration provide a safe, comfortable environment for crew and operations.

#### PRINCIPAL PARTICULARS

Length overall.....	95.0 m
Beam.....	17.0 m
Depth.....	9.5 m
Draft.....	7.5 m
Complement.....	45 people

#### PERFORMANCE

Speed.....	21.0 kn
Range.....	20,000 nm
Endurance.....	90 days
Installed power.....	16,000 kW
Bollard pull.....	over 200 T

#### CLASS

DNV GL\*1A1 Offshore Service Vessel (Towing) / Standby Vessel (S) ICE CLASS PC6 BIS SBM TMON CLEAN-DESIGN CRANE DYNPOS-AUTR ECO AP(11%)(+) F-M Fire-Fighter II HELDK NAUT-AW RPS VIBR COAT-(B) COMF-2 ICM (BTs) NAUTICUS

#### PROPULSION MACHINERY

Wartsila 16V32 (or equal).....	2 x 8,000 kW
Controllable pitch propeller in a nozzle.....	5.6 m

#### AUXILIARY MACHINERY

Ship service generators.....	75 m <sup>3</sup>
Bow thruster (drop down).....	3,000 nm
Bow thruster.....	1 x 1,000 kW
Stern thrusters.....	2 x 600 kW

#### FIRE FIGHTING CAPABILITIES

FiFi 2 fire pumps.....	diesel driven   2 x 3,600 m <sup>3</sup> /h
FiFi 2 fire monitors.....	3 x 2,400 m <sup>3</sup> /h @ 150.0 m

#### TOWING CAPABILITIES

Dual drum towing winch.....	2 x 1,500.0 m of 76.0 mm EFWR
Maximum holding load.....	4,500 kN
Nominal load.....	3,000 kN

**VARD™**

a Fincantieri company

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