



NR Rival

Vessel Spec Sheet



The NR Rival CTV has been developed using 20 years of experience of such craft in combination with designer, builder, multiple CTV operators, wind farm developers and prime contractors to meet O&M project requirements.

Extensive CFD has been carried out to develop the hull form that incorporates an ultra-fine entry for excellent head sea performance and tower access but with high reserves of buoyancy above the main chine to provide for equally good following and stern quarter sea keeping performance.

The hull form has been optimised to maximise efficiency without compromising performance ensuring the form is well suited to future alternative fuel and mixed fuel installations.

NR Rival

General

Construction	Material Aluminium
Superstructure Mounting	Resilient
Classification	Bureau Veritas
	1+ Hull • Mach Wind Farm
	Service Ship—S1 Sea Area 3
	ZE (PM)
Flag	MCA Workboat
	HS-OSC

Dimensions

Length Overall	25.20m
Beam Overall	9.31m
Depth at F12	4.52m
Maximum Draft	2.40m
Lightship Displacement	74.80T
Deadweight	38.50T
Cargo Area	80m ²
Deck Load	2T/m ²
Crew	3-4
Industrial Personnel	24

Tank Capacities

Marine Gas Oil	11 m ³
Fresh Water	2 m ³
Grey Water	1 m ³
Black Water	1 m ³
Bilge/Dirty Water	0.7 m ³
AdBlue/UREA	2 m ³

Propulsion (Base Vessel)

Main Engines	4 x Volvo Penta IPS1050
Installed Power	3352kW
Gearboxes	4 x Volvo Penta IPS 1.99:1
Propulsion	4 x Volvo Penta IPS30 Drives
Propellers	8 x Volvo Penta Q2
Speed Sprint	33.0 kts (Condition 4)
Speed Service	28.0 kts (Condition 3)

Electrical Equipment

Network	24v DC, 400/230V 50Hz AC
Generator Sets	1 x BETA GEN40 39kW
Energy Management System	112.5kWh 800VDC

Deck Equipment

Anchor	1 x 150kg VHP
Anchor Winch	Hercules AAW-150
Deck Crane	TMP 900XL
Bow Centre Fender	Buoyant Works
Bow Shoulder Fender	Buoyant Works
Side Fender	Buoyant Works
Pressure Washer	30-200 bar, 400v, 16l/min FW/SW
Fuel Transfer System	Integrated, Below Deck Reel

Fire Fighting

Engine Space	STAT-X
Fire Pump	1 x DESMI 416l/min, 400v
	1 x DESMI 250l/min, 400v
Loose Extinguishers	Class/Flag Requirements

Accommodation

Main Deck	2 x Twin Cabins (6 Berth)
	1 x Internal Stores
	2 x External Stores
	1 x Battery Room
	(FiFi / Air Conditioned)
	2 x Heads/Shower Spaces
	24 x KPM DS100 c/w 4 Point
	1 x Galley
	2 x PAX Storage Rack
Wheelhouse	DM Command Console
	3 x KPM DS100 c/w 4 Point
	1 x Chart Table Area
	1 x Crew Mess Area
Air Conditioning	Toshiba Air Cooled
Heating	Reverse Cycle, Underfloor Heating
	Throughout + Radiators

Navigation & Communication

Main Radar	Furuno FAR2218B
Main Electronic Chart	Furuno FMD3100
Second Radar	Furuno DRS4DNXT
Second Electronic Chart Monitors	Furuno Time Zero Dual TZ Pro Work
	2 x Hatteland 24"
	2 x Furuno MU190
	1 x 15" EMS
Navtex	Furuno NX700B
DGPS	Furuno GP170
AIS	Furuno FA170 Class A
Compass	Furuno SC70 Satellite
Communication	2 x Icom GM600 Class A
MF/HF	1 x Icom GM800 Class A
Log	1 x Walker 7070
Autopilot	Volvo Penta
Talkback	Phontec 3102 20 Way
Echosounder	Furuno FE800
CCTV	16 x IP67 HD + NVR
Internet	Starlink Satellite Array
Passenger Entertainment	Freeview & Radio/DAB