



NR Predator

Vessel Spec Sheet



NR Predator 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 construction and 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 to allow 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. The high bow and low propulsion line ensure impressive access limits whilst a resilient deckhouse provides a safe and quiet environment for crew and technicians during transit and transfer.

NR Predator

General

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

Dimensions

Length Overall	27.60m
Beam Overall	9.80m
Depth at F12	5.00m
Maximum Draft	2.40m
Lighthouse Displacement	77.60T
Deadweight	55.0T
Cargo Area	100m ²
Deck Load	2T/m ²
Crew	3-4
Industrial Personnel	24

Tank Capacities

Marine Gas Oil	21 m ³
Fresh Water	2 m ³
Grey Water	1 m ³
Black Water	1 m ³
Bilge/Dirty Water	0.5 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	30.0 kts (Condition 4)
Speed Service	25.0 kts (Condition 3)

Electrical Equipment

Network	24v DC, 400/230V 50Hz AC
Generator Sets	2 x NANNI QMS46T34.4kW

Deck Equipment

Anchor	1 x 150kg VHHP
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

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 4 x Internal Stores 1 x External Store 2 x Heads/Shower Spaces 24 x KPM Crew 100 c/w 4 Point 1 x Galley & Mess Area 1 x PAX Changing Area 1 x PAX Storage Rack
Wheelhouse	DM Command Console 5 x KPM Crew 100 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 FAR2218
Main Electronic Chart	Furuno FMD3100
Second Radar	Furuno DRS4DNXT
Second Electronic Chart	Furuno Time Zero Dual TZ Pro
Monitors	2 x Hatteland 43" 2xHatteland 24", 2xFuruno 19"
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 3101 10 Way
Echosounder	Furuno FE800
CCTV	16 x IP67 HD + NVR
Internet	Starlink Satellite Array
Passenger Entertainment	Freeview & Radio/DAB