

# NR REBELLION



## VESSEL SPEC SHEET

HYBRID | Quad Volvo IPS | IMO Tier 3



**The NR Rebellion has been developed using 20 years of experience of such craft in combination with designer, builder and operator.**

**Extensive CFD has been carried out developing a hull 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 REBELLION

Construction	Aluminium
Superstructure	Resilient
Classification	Bureau Veritas 1+Hull Mach Wind Farm Service ship - S1 area 3 Hybrid notation ZE(PM)
Flag	MCA Workboat Cat 2 HS-OSC
Crew	3 crew 24 industrial PAX

### DIMENSIONS

Length Overall	25.20m
Beam Overall	9.31m
Moulded depth Midship	4.52m
Maximum Draft	2.40m
Lightship Displacement	74.80T
Deadweight	38.50T
Cargo area	80m2
Deck Load	2T/m2

### CAPACITIES

Marine Gas Oil	10,000 lt
Fresh Water	2,000 lt
Grey Water	1,000 lt
Black Water	1,000 lt
Bilge Water	700 lt
AdBlue/ UREA	2,000 lt

### PROPULSION

Main Engines	4 x Volvo Penta IPS 1050
Installed Power	3352 Kw
Propulsion	4 x Volvo Penta IPS30 drives
Sprint Speed	33 knots
Service Speed	26 knots
Fuel Consumption Sprint	530 lph
Fuel Consumption Service	468 lph

### ELECTRICAL EQUIPMENT

Network	24v DC, 400/ 230v 50Hz AC
Generator Sets	1 x BETA GEN40 39 kw
Hybrid power System	112.5 kwh 800 Dc

### DECK EQUIPMENT

Deck Crane	TMP 900 XL
Crane Capacity	1200kg@7.43 metres
Bow Fender	Buoyant Works
Pressure Washer	200 bar, 16lm FW
Fuel Transfer	Intergrated 60lpm@60m
Fire Pump main	DESMI 416lpm 400v
Fire Pump B Up	Diesel Hyuandi 750lph

### INTERNAL EQUIPMENT

Air conditioned
24 KPM DS100 air sprung shock seats
4 point harness seat belts
Cinema style tier seating
2 x Toilets 1 with shower
PAX storage rack
Galley with 2 x fridges and oven
Underfloor heating

### NAVIGATION & COMMUNICATION

Main Radar	Furuno FAR2218B
Main Electronic Chart (ECDIS)	FMD3100
Second Radar	Furuno DRS4DNXT
Second Electronic Chart	Time Zero
Navtex	Furuno NX700B
DGPS	Furuno GP170
AIS	Furuno FA170 Class A
CCTV	16 x IP67 HD + NVR
Internet	Starlink Satallite Array
Echosounder	Furuno FE800
Communication	2 x ICOM GM600 1 x ICOM GM800 MF/HF

