



Offshore Waddensee

Twin Axe 20m Wind Farm Service Vessel

CLASSIFICATION / FLAG

Flag	UK
Trading area	Class - Sea Area 3 Flag - 60 miles from safe haven (150 miles optional)
Call sign	2HSC3
Classification society	Bureau Veritas
Class ship type	Light ship / Fast Utility Vessel
Class notation	1✠ Hull ● Mach

PRINCIPAL DIMENSIONS

Length o.a.	19,70 m
Breadth o.a.	8,20 m
Draft	2,00 m
GRT	39,42
Max. deck load	1,5 ton/m ² Fwd. max. 4 ton Aft 4 ton
Free deck space	Tot. 50 m ² Fwd. 38 m ² Aft 12 m ²
Max. Deadweight	16 ton
Maximum speed	22 knots - 360 L/h
Service speed	19 knots - 280 L/h
Range	750 Nm at 19 knots

ACCOMMODATION

Passenger	fully airconditioned 12x suspension seats
Crew	2x

NAVIGATION AND COMMUNICATION SYSTEMS

GMDSS	A1
Safety & Rescue	Sea Marshall Search and Rescue System Jason's Cradle Rescue zone

MACHINERY / PROPULSION

Power output	2x 588 kW IMO Tier III
Propulsion	Twin fixed pitch propellers with 2 speed gearbox
Main engines	2x Volvo Penta D13-800 MH IMO Tier III
Auxiliary engines	2x Caterpillar C-2.2T 400V/50Hz 28 kVA

DECK EQUIPMENT

Crane deck hydraulic	Palfinger PK4501 M with fixed hook and wire winch
Load-range deck crane	Fixed hook 1130 kg at 3.6 m 780 kg at 5.3 m winch max. 200 kg
Bow fender	Active with removable nipple

TANK CAPACITIES

Fuel	2x 6500 Ltr.
Fresh water	1000 Ltr.

General Arrangement - Offshore Waddenzee

