

Over 400,000 safe transfers since 2006



OFFSHORE WANDELAAR/ OFFSHORE WEST HINDER

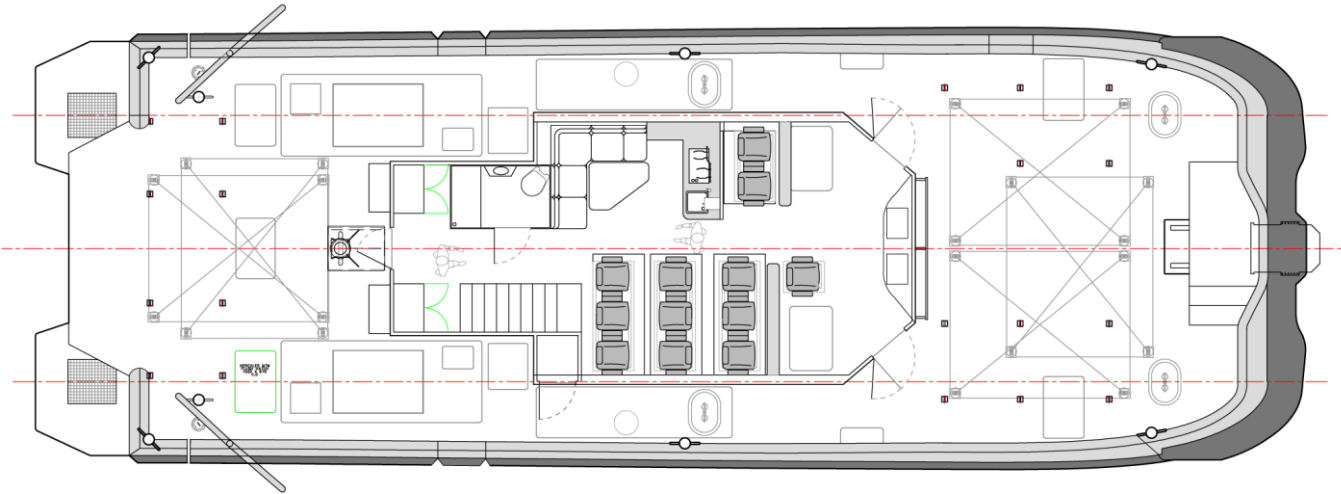
South Boats 21m Alloy Catamaran
DNV Class – Wind Farm Service 1

MAIN PARTICULARS

Class Notation	DNV +1a1 – HSCL – R2 – WIND FARM SERVICE 1 with German Kabotage Certificate „Gleichwertigkeits- bescheinigung“
Flag/Port	UK/Beaumaris
Passengers	12
Crew	2 (3 max.)
Length Overall	21m
Length Hull	19m
Depth	2.2m
Extreme draught	1.4m
Operational draught	1.2m
Beam Overall	7.3 m
Net Tonnage	46t
Max. Displacement	70t
Max. Deadweight	24t
Hull Material	ALU grade 5083 (N8)
Total Fuel Capacity	7.200l
Fuel type	DMA/EN590
Water Capacity	700l

OFFSHORE WANDELAAR / WEST HINDER WIND FARM SERVICE VESSEL

Technical Data



FEATURES

Crane fwd (optional)	Palfinger PK6500M or PK4501M
Deck Space	Min 3140 kg at 1.7 m /Max 220 kg at 13m
Cargo Capacity	49m ² (27 m ² Fwd, 22 m ² Aft)
Container(s)	12 t (8t Fwd, 4t Aft); 1.5t/m ²
Fender	3x 10 feet containers (2x bow, 1x aft)
Transfer System	RG Seasight
Fuel Transfer System	Suitable for Houlder TAS system
Other Features	Bow; 58 l/min, 40 m above deck Fuel transfer pumps suitable for refueling generators of turbines, High Pressure Washer System, 400 V outlets on deck, hydraulic capstan, hydraulic PTOs on deck, Moon Pool (1.0 m x 0.65 m), 2x surveyor seat, 3 point mooring system, forward access ladders and manual davits at access points.

SPEED & CONSUMPTION

Service Speed	22 kts
Sprint Speed	27 kts
Fuel consumption service speed	approx. 360 l/h
Fuel consumption sprint speed	approx. 460l/h
Transfer Operation Limit	1.75m Hs
Range	440 nm at 22 kts

NAVIGATION & COMMUNICATION

AIS Class A	Furuno FA150
ECDIS	Furuno FEA 2107
NavNet	Furuno NavNet
Communication	GMDSS A2, SART, EPIRB, VHF
Broadband Internet	Globe Surfer III
Satcom	IRIDIUM Open Port
Safety & Rescue	Sea Marshall SAR System, Life rafts, Rescue Zone, Jason's Cradle

PROPULSION

Engine Make/Type/Power	2x MTU / 10V2000 M72 / 1800kW (900kW each)
Gearboxes	ZF 3000
Jets Make/Type	2x Ultra Dynamics / UJ575

GENERATOR

Model/Type/Power	ONAN / e-QD MDKBP / 400 V - 19.5 kW
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OTHER EQUIPMENT AND FACILITIES

FM Radio, LCD TV, DVD Player, DNV approved KPM suspension seats, luggage and mess area, lockers, settee, toilet, shower, refrigerator, microwave, hot water boiler, cooker, hobs and 2 bunks.