



WindServer30

Offshore Wind Farm Service Craft

www.fjellstrand.no

WindServer 30

GENERAL INFORMATION

Vessel name	: WORLD BORA
Builders No.	: 1694
Port of registry	: Esbjerg
Flag	: Danish
IMO Number	: 9684304
Class	: ⌘ 100 A5 HSC-Passenger A Offshore Wind Farm Service Craft ⌘ MC
Call sign	: OWJW2
Builder	: Fjellstrand AS
Design	: Fjellstrand AS
Delivered	: 2014

DIMENSIONS & CAPABILITIES

Length overall	: 30,5 m
Breadth overall	: 12,6 m
Depth moulded	: 5,8m
Deck area	: Approx.100 m2
Water ballast	: 114 m3
Fresh water	: 2,8 m3
Fuel oil	: 46m3
Gross tonnage	: 341
Net tonnage	: 102
Deck cargo	: 20 t

SPEED

Service speed	: Approx. 20 knots
Max speed	: Approx. 24 knots
Ballasted SWATH mode speed	: Approx. 14 knots

WORK DECK

Lashes for 1x20ft. or 4 x 10ft.containers
Lashes for 4 Europallets
Reinforced deck for cargo

SPECIAL FEATURES

The vessel is designed for exceptional sea keeping also at slow speed ensuring safe access to the windmills.
The trimaran hull is designed for a light transit mode and a ballasted mode when approaching windmills in heavy seas. A large foil in the fore combined with a SWATH shaped center hull creates the unique motion dampening of the vessel.
Humphree active ride control
Automasjon + data: Vessel motion monitoring system

ACCOMMODATION

5 Cabins for up to 5 Persons
Galley, office and day room.
Noise level according to DMA requirements, below 60 dBA

PASSENGER FACILITIES

24 passengers in Eknes Pacific Sleeper seats in saloon
2 passenger toilets and showers in connection with wardrobe

PROPULSION

Main engines	: 4 x Scania DI16 each 552 kW at 1800 RPM with PTO for hydraulic equipment
Gears:	: 2 x Servogear HD 250 PTI, red. 2.63 : 1 (twin input single output gear)
Propellers:	: 2 x Servogear CPP,
Side thruster	: 1 x Mjosundet 100 kW hydraulic

GENERATORS

2 x Perkins 4,4 GM diesel engines
coupled to Leroy Somer LSA 42.3 C 6/4, each 29 kWe

NAVIGATION

1 x X-band radar
1 x S-band radar
1 x Gyro compass
1 x Gyro Repeater
1 x AIS / DGPS
1 x Autopilot
1 x Electronic chart system (ECDIS)
1 x Magnetic compass
1 x Navigation echo sounder
1 x Wind Measuring Instrument
1 x Speed log
1 x Navtex
BNWAS

COMMUNICATION EQUIPMENT

1 x VHF w DSC
1 x MF/HF
1 x GMDSS System
1 x Manual EPIRB + automatic EPIRB
1 x Intercom system
1 x Public address system
1 x VHF + 2 UHF (Portable)
1 x AIS SART + 1 x SARFinder