



FSS
Finnish Sea Service

Vessel Specification

WIND SERVANT



Description	Details
MAIN PARTICULARS	
Company/Owner	Finnish Sea Service Oy
Vessel name	Wind Servant
Vessel type [CAT, MonoHull MH, Trimaran Tri, SWATH, other]	Trimaran , Work Boat
No. of crew	2
No. of PAX	12
Flag state & certification	Finland 21122L
Classification Society & Notation(s)	Bureau Veritas, I + HULL • MACH, Special Service / Workboat, Sea area 3
Builder/Yard/number	Mobimar LTD / 1349
Hull material	Aluminium
Year of Build	2012
Length Over All (LOA) [m]	18,00
Length between perpendiculars (Lbp) hull [m]	15,70
Beam over all [m]	8,00
Extreme draught [m]	1,70
Operational Draught [m]	1,50
Minimum operational water level below keel [m]	0,30
Freeboard height @ midship [m]	1,15
Bow Height [m] @ transfer point	2,4
Light ship displacement [tonnes]	29
Design condition displacement [tonnes]	37
Max. dead weight displacement [tonnes]	NA
Fresh water capacity [litres]	75
Fuel transfer capability [yes/no]	Nil
Fuel Capacity [litres]	3000
OPERATIONAL PARTICULARS	
Service speed [knots]@ seastate 2	17
Max. speed [knots]@ seastate 2	20

Service speed versus Sea state limitation. [kn @ 1.5m Hs] (Company policy)	See BV Class
Max. speed v. Sea state limitation. [kn @ 1.5 Hs] (company policy)	See BV Class
Classification info. Society, notation operation limits. [kn@Hs]	Limit Operational conditions consistent with hull scantling. Bureau Veritas.
Operational hours restriction if any [hours]	nil
Bollard push [tonnes]	5
Bollard push to displacement ratio [BP tonnes/ Displacement tonnes]	NA
Transfer Operation limit [Hs] and corresponding wave direction to the vessels (eg. 1.5m @head	Hs > 4,0 m
MACHINERY PARTICULARS	
Engine manufacturer/Engine type	MAN Truck & Bus AG/D28 42LE410
Number of engines installed.	1 + 2
Total Installed power [kW]	749 + 2x 125kW
Total installed power to design displacement ratio [kW/tonnes]	-
Fuel Specification/grades [Standard] incl. lubricants	Distillate ISO8217
Bow thruster [yes/no]	No
Bow thruster power [kW]	NA
Engine load @ service speed @ seastate 2	90 %
Engine load @ Max. speed @ seastate 2	100 %
Fuel consumption [litres/h] @ service speed @ seastate 2	170
Fuel consumption [litres/h] @ Max. speed @ seastate 2	190
Fuel consumption [litres/h] @ 20 kn. @seastate 2.	190
Propulsion system type [WJ, CPP, FPP, IPS, other],	FPP
Propulsion system manufacturer and make	Man Truck & Bus AG

If WJ – Max. WJ input power [KW] @ zero speed, ie Bollard Push [kW]	
DECK ARRANGMENTS & EQUIPEMENT	Details
Crane [yes/no]	Yes
Crane specification if any.	Fassi 50 A 23 , 4,4 tonm
Container position [yes/no]	No
Container position details. [no. aft, no. fore]	NA
HP washer	Nil
CARGO capacity total [t]	3 tons
Cargo capacity fore deck[t]	2 tons
Cargo Capacity aft deck [t]	1 tons
Specific deck load [t/m^2]	NA
Free Deck Space fore deck[m^2]	23 m2 m2
Free deck space aft deck [m^2]	16
Sewage discharge shore connection	discharging by vacuum suction from quay side
Oily Bilge water discharge shore connection	yes
Transfer system/Prepared for Transfer system [yes/No] & [Type]	
NAVIGATIONAL EQUIPMENT & COMMS.	Details
Crewfinder system corresponding to the (Personnel locator Beacons (PLB's) used on site [Yes/No]	No
The vessel must at least be equipped with GPS [Yes/No]	Yes
The vessel must at least be equipped with NAVTEX [Yes/No]	Yes
Communication system on board the vessel must allow communication between the master at the helmsman position and deck crew at any position on the vessel. [Yes/No]	Yes
Radar reflector [Yes/No]	No

Automatic identification system (AIS) class A [Yes/No]	Yes
Updated nautical paper charts for the operational area and electronic chart display approved by authorities. [Yes/No]	Yes
Propeller RPM or thrust indicator [Yes/No]	Yes
Rudder angle indicator (or direction of steering thrust) [Yes/No]	Yes
GHz Radar with plotting function [Yes/No]	Yes
Echo sounding device [Yes/No]	Yes
Speed and distance measuring device capable of measuring speed through the water (speed log) [Yes/No]	No
Satellite compass [Yes/No]	Yes
A fixed mounted magnetic compass, properly adjusted with deviation table [Yes/No]	Yes
Sound signalling equipment [Yes/No]	Yes
GMDSS Radio equipment	1
Handheld VHF for deck personel	2
VHF with DSC & P-channel as advised by site	1
Emergency Position Indicating Radio Beacon (EPIRB)	1
Search and Rescue Transponder (SART)	1
ACCOMMODATION ARRANGEMENT	Details
Seating (number, recline, suspended, fixed)	12
Storage	1
Mess/Pantry and toilet/shower	1
Dry baggage storage	see GA
Wet changing room	Nil

Vessel Specification

Storage for sensitive WTG spare parts	Storage room
Comfort levels, Noise levels	
HVAC	Yes
FIRE FIGHTING APPLIANCES	Details
Fixed fire extinguishing system	3
Portable extinguishers	5
Fire pump(s)	1
Fire Hoses	2
Fire Blanket(s)	1
Other	
LIFE SAVING APPLIANCES & RESCUE EQUIPMENT	Details
Liferafts(number, position, total persons accommodated)	2 pcs, 16 persons
Immersion suits (number)	14
Thermal Protective aids (number)	-
Life jackets (number)	14
Life Buoys (number)	8
Man Over Board Equipment	2 (Lifebuoy with light+ smoke signal)
Search Lights (Number, remotely operated, portable)	1
Defibrillator [yes/No]	No
ADDITIONAL FEATURES/REMARKS	Details
Vessel Motion Monitoring System	-
CCTV monitoring and recording of operations	-

Other	-
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