Vessel Specification Sheet

4-Winds
Offshore Support Vessel (OSV)



Classification / Flag / Registration

Vessel name	4-Winds
Owner	4-Winds B.V.
Flag	Portuguese
Call sign	CQ3058
IMO number	9601522
Port of registry	Madeira, Portugal
Built	2012
Builder	Fujian, China
ERN number	97.97.76.76
Classification	LR X 100 A1 Offshore Supply Ship, LMC, DP (AA)/SPS, DPS-2

Dimensions

Length overall	60.24 m
Length B.P.P	52.20 m
Breadth moulded	14.95 m
Summer draft	5 m
Depth	6.10 m
Deadweight	1,276 mt
Gross registered tonnage	1,794 mt
Net tonnage	538 tons

Machinery / Propulsion

Main propulsion	2 x Caterpillar 3516C /1,920kW with CPP
Forward thruster(s)	2 x CPP 390 kW Tunnel
Aft thruster	1 x FPP 390 kW Tunnel
Rudders	Becker rudders

Performance / Fuel consumptions

Fuel consumption (13.5 knots)	15.0 mt/day (full speed)
Fuel consumption (11.5 knots)	11.2 mt/day (eco speed)
DP operations	2.5 - 6 mt/day
Idle in port	1.0 mt/day

Accommodation / Offices / Facilities

Total accommodation	43
Charterer's accommodation	21 beds for charter's, 1 single and 10 double
Crew accommodation	22 beds
Gym	1
Recreation room	2
Smoking room	0
Offices	2

Communication facilities

Satellite communications	2 x KVH satellite system S6 (2048/512) client & vessel systems interchangeable VOIP phone system
GMDSS	A1, A2 & A3

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Dynamic Positioning

DP class	Class 2
DP computer system	K-POS DP 21
MRU	Seatex MRU-D / Seatex MRU-5
GNSS	1x Kongsberg DPSi1, 1x DPSi3
Hipap/USBL	USBL, 1x Kongsberg HiPap 502
Fan beam	Fanbeam 4.2
Taut wire	LTW Bandak MK15
Gyro compass	3x Raytheon Anschutz STD 22
Environmental ref.	3x Wind Walker 2050 MK2
Power supplies	UPS
DP auto position	Follow sub mode

4-Point mooring system

Winches	MacGregor
Type	Hydraulic
Wire diameter	38 mm
Wire capacity per winch	1,200 m
Special features	Wire length & pull force indicators
Anchors	4 x high-holding Delta Flippers 3 mt

Tank capacities

MGO	481 m^3
Potable water	455 m^3
Water ballast	901 m^3
Heeling tanks	2 x 37 m^3

Deck area & services

Clear deck space	375 m^2
Deck strength	7 mt /m^2
Moon pool 4.8 x 3.0m	Presently welded, available on charterer's request
Bulwark (removable)	Port & starboard side along work deck

Crane lifting equipment

Main crane starboard side	SMST knuckle boom
Main hoist wire length	190 m / 30 mm diam.
Max. outreach SWL	Single hoist 6 t @ 19 m, Double hoist 12 t @ 19 m, Double hoist 24 t @ 8 m
Service crane port side	3 t @ 9 m

Facilities for fuel delivery

Pumping rate up to 6,000 l/hr @30 m height

Additional equipment

- Boat landing for crew & personnel transfer CTV/work-boat
- Crane jib extension: Capacity 2 t @30 m height, 10 m outreach

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