



#### CLASSIFICATION / FLAG / REGISTRATION

<b>Vessel name</b>	4-WINDS
<b>Owner</b>	Rederij Groen B.V.
<b>Flag</b>	Panama
<b>Call sign</b>	3E6084
<b>IMO number</b>	9601522
<b>Port of registry</b>	Breskens, the Netherlands
<b>Built</b>	2012
<b>Builder</b>	Fujian, China
<b>ERN number</b>	97.97.76.76
<b>Classification</b>	LR X 100 A1 Offshore Supply Ship, LMC, DP (AA)/SPS, DPS-2

#### GENERAL DIMENSIONS

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

#### MACHINERY / PROPULSION

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

#### PERFORMANCE / FUEL CONSUMPTIONS

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

#### ACCOMMODATION / OFFICES / FACILITIES

<b>Total accommodation</b>	49
<b>Charterer's accommodation</b>	27 beds (1 single & 13 double cabins)
<b>Crew accommodation</b>	22 beds
<b>Gym</b>	1
<b>Recreation room</b>	2
<b>Smoking room</b>	1
<b>Offices</b>	2

#### COMMUNICATION FACILITIES

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



# VESSEL SPECIFICATION SHEET

## 4-WINDS

SUBSEA SUPPORT VESSEL / DP2 4-POINT MOORING

### DYNAMIC POSITIONING SYSTEM

<b>DP class</b>	Class 2
<b>DP computer system</b>	K-POS DP 21
<b>VRU</b>	2 x
<b>DGPS</b>	1 x DPS 110, 1 x DPS 112
<b>Hipap</b>	Kongsberg 500
<b>Fan beam</b>	1 x
<b>Taut wire</b>	LTW Bandak MK15
<b>Gyro compass</b>	3 x
<b>Environmental ref.</b>	2 x Wind sensor
<b>Power supplies</b>	UPS
<b>DP auto position</b>	Follow sub mode

### 4-POINT MOORING SYSTEM

<b>Winches</b>	MacGregor
<b>Type</b>	Hydraulic
<b>Wire diameter</b>	38 mm
<b>Wire capacity each winch</b>	1,200 m
<b>Special features</b>	Wire length & pull force indicators
<b>Anchors</b>	4 x high-holding Delta Flip-pers 3 mt

### TANK CAPACITIES

<b>MGO</b>	481 m3
<b>Potable water</b>	455 m3
<b>Water ballast</b>	901 m3
<b>Heeling tanks</b>	2 x 37 m3

### DECK AREA AND SERVICES

<b>Clear deck space</b>	375 m2
<b>Deck strength</b>	7 mt / m2
<b>Moon pool 4.8 x 3.0m</b>	Presently welded, available on charterer's request
<b>Bulwark (removable)</b>	Port & starboard side along work deck

### CRANE LIFTING EQUIPMENT

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

### FACILITIES FOR FUEL DELIVERY

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

### ADDITIONAL EQUIPMENT (OPTIONAL)

Boat landing for crew & personnel transfer CTV/workboat

Crane jib extension: Capacity 2 t @30 m height, 10 m outreach

**WE LISTEN  
THEN DELIVER**

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