



Classification / Flag / Registration

Vessel name	Altera
Owner	4-Winds B.V.
Flag	Dutch
Call sign	PDUR
IMO number	9601522
Port of registry	Scheveningen, The Netherlands
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	99.9 m
Breadth moulded	28 m
Depth at side	7.5 m
Draft min. / max.	3.3 m / 5 m
Draft with thrusters down	7.4 m
Deck area	1800 m ²
Gross tonnage	7460 tons
Deadweight	7400 tons

Performances

Cargo capacity	4500 t cable in 26 m carousel
Speed	10 knots
Deck load	15 t/m ²

Auxiliaries

Total E-power	15.0 mt/day (full speed)
Thrusters	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	49
Charterer's accommodation	27 beds (1 single & 13 double cabins)
Crew accommodation	22 beds
Gym	1
Recreation room	2
Smoking room	1
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

Dynamic Positioning

DP class	Class 2
DP computer system	K-POS DP 21
VRU	2x
DGPS	1x DPS 110, 1x DPS 112
Hipap	Kongsberg 500
Fan beam	1x
Taut wire	LTW Bandak MK15
Gyro compass	3x
Environmental ref.	2x Wind sensor
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

