



# VOS STAR

## Subsea-support vessel

### 68M DP2

Vessel number 3314

#### GENERAL

Flag	Dutch
Port of registry	Breskens
Builder	Fujian, China
Year built	2016
Class	LR X 100 A1 Offshore Supply Ship, ECO(TOC), LMC, UMS, DPA(AA)SPS, DPS-2
IMO	9697131
Call sign	PDCT
ERN number	99.99.73.63
MMSI	244820666

#### PRINCIPAL DIMENSIONS

Length overall (LOA)	68.04 m
Breadth moulded	14.95 m
Length B.P.P.	61.49 m
Depth	(MLD) 6.1 m
Summer draught	5.00 m
Gross registered tonnage	2,030 t
Net tonnage	609 t
Deadweight	1,712 mt

#### TANK CAPACITIES

MGO	510 m <sup>3</sup>
Potable water	380 m <sup>3</sup>
Water ballast	1,020 m <sup>3</sup>
Heeling tanks	112 m <sup>3</sup>
Ballast water (BWTS)	yes

#### MACHINERY & PROPULSION

Main propulsion	2 x CAT 3516B 1,920 kW with CPP (2,575 BHP)
Auxiliary engines	1 x CAT C18 550 kW (737 BHP) 2 x CAT C32 715 kW (960 BHP)
Bow thrusters	1 x Tunnel thruster FPP 600 kW & 1 x FPP retractable 500 kW
Stern thrusters	2 x Tunnel thruster CPP 400 kW
Shaft generator	2 x 1,000 kW
Emergency generator	1 x CAT C6.6 158 kW

#### PERFORMANCE/FUEL CONSUMPTION

Full speed (13 knots)	15 mt/day
Service speed (11 knots)	11 mt/day
DP mode	7 mt/day
Idle in port	1 mt/day

#### ACCOMMODATION/OFFICES/FACILITIES

Total accommodation	49
Charterer's accommodation	27
Crew accommodation	22
Gym	1
Recreation room	1
Smoking room	1
Offices	3
Compliance	MLC 2006

#### LIFE-SAVING EQUIPMENT

Life rafts	6 x 25 men
Scrambling nets	1 x set scrambling nets

#### DYNAMIC POSITIONING

DP class	Kongsberg DP2
Gryo compass	3 x Gyro compass
DGPS	1 x DPS 110 / 1 x DPS 112
Taut wire	LTW Bandak MK 15
Hipap 500	Kongsberg
CyScan	1 x Kongsberg
Motion sensors (MRU)	2 x Kongsberg
Wind sensors	3 x Kongsberg

#### NAVIGATIONAL EQUIPMENT

Radar no.1	1 x X-Band radar
Radar no.2	1 x S-Band radar
Eco sounder	1
Auto pilot	1
Magnetic compass	1
Joystick control	1
Electric chart display	1 x ECDIS

#### DECK AREA AND SERVICES

Clear deck space	485
Deck strength	7 mt / m2
Deck cargo	350 t
Bulwark (removable)	2 x port & 1 x starboard side along work deck
Power connections	1 x 63A (440V, 3 phase, 60 Hz)

#### CRANE-LIFTING EQUIPMENT

Main crane	SMST knuckle boom
Max hoist wire	370 m / 30 mm diam.
Max. outreach with AHC	AHC: 6 t @ 19 m AHC: 12 t @ 13 m Double hoist: 24 t @ 8 m
Crane jib extension (charterer's request)	2 t @ 30 m height with 25 m outreach
Deck store/Aux crane	3 t SWL @ 9 m
Capstans	2 x 5 t @ 15 m/min

#### COMMUNICATIONS FACILITIES

MF/HF radio	1 x Furuno FS 2575C
VHF radio	2 x Furuno FM-8900S
Portable two-way VHF	3 x portable two way GMDSS VHF
Satellite EPIRB	1 x satellite EPIRB Ocean signal E100
Navtex receiver	1 x Furuno Navtex receiver NX700
SART	2 x SART Ocean Signal Sart 100
Satellite communication	Furuno Felcom 18
Automatic identification	1 x AIS FA-150

#### FACILITIES FOR OFFSHORE PERSONNEL TRANSFER

Boat landing for offshore personnel transfer (OPTIONAL)	
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#### FACILITIES FOR FUEL DELIVERY

Pumping rate up to 6,000 litre/hr @30 m height	
TODO Connections on deck	

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