



VOS STONE

Subsea-support vessel

DP2 / WALK-TO- WORK

Vessel number 3259

GENERAL	
Flag	Dutch
Port of registry	Breskens
Builder	Fujian, China
Year built	2017
Class	LR A 100 A1 Offshore Supply Ship, Fire-Fighting Ship (2400m ³ /h with water spray, Oil Recovery (flash point exceeding 90deg) WDL (7 t/m ² from aft to frame 71

IMO	CAC IWS ECO/TOC/UMC/IMS DP(AA) 9730517
Call sign	PBMW
ERN number	99.99.97.95

PRINCIPAL DIMENSIONS	
Length overall (LOA)	80 m
Breadth moulded	18.40 m
Length B.P.P.	74.70 m
Depth moulded/ design draught	7.8 m / 6m
Max draught moulded	5.8 m
Deadweight Summer draught	2,314.3 t
Deadweight (max draught)	2,500 t
Keel to mast	37.65 m
Light ship	3,313 t
Max displacement	approx. 5,463 t
Gross registered tonnage	4,965 t
Net tonnage	1,489 t

MACHINERY & PROPULSION	
Main engines	2 x MAK 2,400 kW type 8M25C(3,220 BHP)
Propulsion system	Twin CPP rudders propellers/azimuth thrusters
Bow thruster	2 x 12 t Super - silence 800 Kw electric tunnel thrusters 1 x 13 t 700 kW retractable thruster
Main generators	2 x 599 kW Diesel driven (737 BHP) 1 x 994 kW Diesel driven (1,220 BHP)
Client generator	1 x 599 kW Diesel driven
Emergency generator	1 x 130 kW Diesel driven
Shaft generator	2 x 1,230 kW M/E driven

PERFORMANCE/FUEL CONSUMPTION	
Fuel consumption 12 (kn)	14.5 mt/day
Fuel consumption 11 (kn)	11 mt/day
Fuel consumption (10 kn)	10 mt/day
DP mode	7 mt/day
DP during W2W & crane ops	8 mt/day
Idle in port	1.5 mt/day
Fuel type	ISO 8217:2005 DMA or later revision

MAIN DECK AREA	
Deck strength	7 t/m ²
Clear deck space (open)	260 m ²
Clear deck space sheltered	210 m ²
Open deck (L x W)	19.2 m x 15 m
Sheltered deck (L x W)	16.2 m x 16.8 m
Deck max cargo weight	250 mt

TANK CAPACITIES	
Fuel Capacity (100%)	1,140 m ³
MGO Client Clean Fuel	132 m ³
Bilge Holding	approx. 15 m ³
Fresh water	730 m ³
Drill water / W.B.	1500 m ³
Oil Recovery	340 m ³

POWER SUPPLY	
Reefer Sockets	9 x 240 V (32 amps) 6 x 440 V (16 amps) 4 x 440 V (33 amps) 2 x 440 V (32 amps/4 pins)
8 x Waterproof	IP56 electrical sockets warehouse & aft

FIRE FIGHTING	
Capacity	FIFI Class 1-2400 m ³ per hr
Monitor	2 x 1200 m ³ per hr
Throw length/height	>120 m / 50 m

POSITIONING REFERENCE SYSTEMS	
DP class	Class 2
DP computer system	Kongsberg DPS-22
DGPS	1 x DPS 110, 1 x DPS 112
Cyscan	Cyscan MK IV
Radscan	Radius 1002
Taut wire	Taut wire MK 15B
Hipap	Kongsberg Hipap 502

Wind sensors	3 x
GPS	3 x Furuno, GP-150
Gyro Compass	3 x Anschultz standard 22
Magnetic Compass	1 x standard 22
Joystick Control	Kongsberg cJoy system
ECDIS	2 x

COMMUNICATION EQUIPMENT	
HF radio	1 x Furuno Model RC-1800T
VHF radio	1 x Furuno Model FM-8800S
Portable two way VHF	3 x McMurdo model R2 GMDSS
Satellite EPIRB	1 x McMurdo model SMARTFINDE5
Navtex Receiver	1 x Furuno NX-700A (GMDSS)
SART	McMurdo S4 rescue SART
GMDSS radio	1 x Furuno FA-150
AIS	A1 + A2 + A3

DECK MACHINERY	
Main Deck Crane :	50 t AHC/5t 3D motion compensated SMTT 2600-K-1F-50-500
Outreach main crane	21.5 m
Main Hoist SWL	50 t @ 9 m AHC
Main Hoist Max	23 t @ 16 m AHC
Aux.Hoist SWL	5 t @ 24 m (14 mm)
Wire Length	600 m (30 mm/485 m hook)
Tugger winches	2 x 3 t (both sides of main boom)
Telescopic Deck Crane	1 x 3 t SWL @ 10 m (Starboard)
Crane offshore certified remote controlled	SWL 1.79 t @ 16 m
Skidding system	6 x 1 t : 20' high 2,896 mm container
Capstans	2 x Electro hydraulic 10 t @ 24 m/min

LIFE SAVING APPARATUS	
Lifeboats	2 x 45 men
Life rafts	6 x 25 men 2 x 16 of which 4*25 launchable davit
Scrabbling Nets	1 on each side of rescue zone

FUEL DELIVERIES CAPABILITIES	
Fuel give away system, delivery to CTVs	
Pumping rate 7 m ³ per hr, total head 2,9 bar	
TODO 2" connection on deck	
Main fuel delivery	150 m ³ @ 80 m head
Pot water delivery	150 m ³ @ 80 m head
Ballast Water Treatment	yes

ADDITIONAL EQUIPMENT	
Motion compensated gangway system Safeway Seagull	
Landing height 11-29 m LAT	
Adjustable boat landing at stern	
Fixed boat landing Starboard side	
3D Knuckle boom crane 5 t capacity optional	

ACCOMMODATION/OFFICES/FACILITIES	
Total accommodation	87 beds
Charterer	60 beds :22 single + 19 double cabins
Crew	27 single cabins
Recreation rooms	2
Offices	3 +1 sky client office
Client Mess Room	76 m ²
Gym	1
Cinema	34 m ²
Compliance	MLC 2006

21-12-2022

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given. For enquiries, kindly email us at chartering@nl.vroonoffshore.com.