



VOS START

Subsea-support vessel

DP2 / WALK-TO- WORK

Vessel number 3258

GENERAL

Flag	Dutch
Port of registry	Breskens
Builder	Fujian, China
Year built	2017
Class	LR X 100 A1 Offshore Supply Ship, Fire-Fighting Ship (2400 m ³ /h with water spray, Oil Recovery (flash point exceeding 90deg) WDL (7 t/m ² from aft to frame 71 CAC, IWS, ECO (TOC) LMC, UMS DP(AA) 9730505
IMO	9730505
Call sign	PBIH
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 / 6 m
Max draught moulded	5.8 m
Deadweight Summer draught	2,254.3 t
Deadweight (max draught)	2,500 t
Keel to mast	35 m
Light ship	3,585 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-LE2 (3,220 BHP) Twin CPP rudders propellers/azimuth thrusters
Propulsion system	2 x 12 t Super - silence 800 Kw electric tunnel thrusters 1 x 13 t 700 kW retractable thruster
Bow thruster	2 x 550 kW Diesel driven (737 BHP) 1 x 910 kW Diesel driven (1,220 BHP)
Main generators	1 x 550 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	190 m ²

TANK CAPACITIES

Fuel Capacity (100%)	1,140 m ³
Fuel MGO Client Clean Fuel	132 m ³
Bilge Holding	approx. 15m ³
Fresh water	710 m ³
Drill water / W.B.	1500 m ³
Oil Recovery	340 m ³

POWER SUPPLY

Reefer Sockets	1 * 440 V/63 amps/4 pins 5 * 440 V/33 amps/4 pins 2 * 220 V/32 amps/4 pins
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8 x Waterproof	IP56 electrical sockets warehouse & aft
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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
Radascan	Radius 1000
Taut wire	Taut wire MK 15B
Hipap	Kongsberg Hipap 502

Wind sensors	3 x
GPS	2 x Furuno, GP-150
Gyro Compass	3 x Anschultz Gyro Compass
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 SMARTFINDER5
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/5 t 3D motion compensated SMTT 2600-K-1F-50-500
Outreach main crane	23 m/6 mt
Main Hoist SWL	50 t @ 9 m
Wire Length	600 m (30 mm/485 m hook)
Aux.hoist SWL without 3D motion compensation	5t @ 24 m (14 mm)
Wire Length	70 m
Tugger winches	2 x 3 t
Deck crane	1 x 3 t SWL @ 10 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	4 x 15 men
Scrambling Nets	1 on each side of rescue zone
Life rafts	4 x 15 men

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

Barge Master AHC gangway system	
Adjustable boat landing at the stern	
Fixed boat landing on Starboard side	
Melcan Crane (located on stern offshore certified & remote controlled) with 16 m outreach 1000 KG	

ACCOMMODATION/OFFICES/FACILITIES

Total accomodation	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

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