



**GENERAL**

Place of Build	Fujian Southeast Shipbuilding, China
Vessel Type	Subsea-support walk to work vessel
Year Built	2017
Flag	Dutch
Call Sign	PBMW
IMO	9730517
Class notation	LR * 100 A1 Offshore Supply Ship, Fire-Fighting Ship (2400m <sup>3</sup> /h) with water spray, Oil Recovery (flash point exceeding 60deg), WDL (71m <sup>2</sup> from Aft to frame 71) CAC, *IWS, ECO(TOC) * LMC,UMS DP(AA)

**PRINCIPAL DIMENSIONS**

Length overall	80.00 m
Length B.P.P.	74.70 m
Breadth moulded	18.40 m
Depth moulded	7.8 m
Design draft	6.00 m
Deadweight @ summer draft	2,314.3 t
Keel to mast	37.65 m
Light Ship	3313 t
Max. draft moulded	5.8 m
Deadweight (Max draught)	2,500 t
Gross tonnage	4,965 t
Net tonnage	1,489 t

**MACHINERY & PROPULSION**

Main engines	2 x MAK 2,400 kW Type 8M 25C (3,220 BHP)
Propulsion system	Twin CPP rudders propellers / azimuth thrusters
Bow thruster	2 x 12 t Super-silence 800 kW electric tunnel thruster
	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	130 kW diesel driven
Shaft generator	2 x 1,230 kW M/E driven

**FUEL CONSUMPTION**

Speed (12 knots)	14.5 MT/day
Speed (11 knots)	11 MT/day
Speed (10 knots)	10 MT/day
DP mode	7 MT/day
DP during W2W and crane ops	8 MT/day
In port	1.5 MT/day
Fuel type	ISO 8217: 2005 DMA or later revisions

*Note - All figures given in good faith, however without guarantee*

**MAIN DECK DETAILS**

Deck strength	7 t/m <sup>2</sup>
Clear deck space (open)	260 m <sup>2</sup>
Clear deck space (sheltered)	210 m <sup>2</sup>
Open deck dimensions (L x W)	19.2 m x 15 m
Sheltered deck dimensions (L x W)	16.2 m x 16.8 m
Deck max cargo weight	250 MT

**TANK CAPACITY**

Fuel capacity (100%)	1,140 m <sup>3</sup>
Fuel MGO Client Clean Fuel	132 m <sup>3</sup>
Bilge holding	abt 15 m <sup>3</sup>
Fresh water	730 m <sup>3</sup>
Drill water / W.B.	1500 m <sup>3</sup>
Oil recovery	340 m <sup>3</sup>
Fresh water maker	2 x 10 t per day

**POWER SUPPLY**

Deck Connections	9 x 240 V (32 amps) AC
	6 x 440 V (16 amps) AC
	4 x 440 V (32 amps) AC
	2 x 440 V (63 amps) AC
8 x Waterproof	IP56 electrical sockets in warehouse and aft cargo

**COMMUNICATIONS EQUIPMENT**

HF Radio	1 x Furuno Model RC-1800T
VHF Radio	1 x Furuno 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
Automatic Identification System (AIS)	1 x Furuno FA-150
GMDSS Radio area	A1+A2+A3

**POSITIONING REFERENCE SYSTEM**

Cyscan	CyScan MK IV
Radascan	RadIUS 1002
Tautwire	Bandak Mk 15B
Hipap	Kongsberg HiPap 502
Wind sensors	3 x WindObserver II Ultrasonic
GPS	2 x Furuno, GP-150
DGPS	Kongsberg DPS 110/112
Gyro Compass	3 x Anschutz Standard 22
Magnetic Compass	1 x Magnetic Compass standard 22
Dynamic Positioning System	Kongsberg K-Pos DPS-2
Joystick Control	Kongsberg cJoy system
ECDIS	1
ERN	99.99.97.95

**DECK MACHINERY**

Main Deck Crane : 50 T AHC	SMST 2600-K-1F-50-500
Outreach	21.5 m
Main Hoist SWL	50 t @ 9 m AHC
Main Hoist Max	23 t @ 16 m AHC
Aux. Hoist	5 t @ 24 m
Tugger winches (both sides of main boom)	2 x 3 t
Deck Crane - PS Boat landing crane	1 x 3 t SWL @ 10 m
Deck Crane - Aft Boat landing crane SWL	8.0-1.9 MT / Outreach 4.9 m - 16 m
Skidding system	6 x 1 t : 20' high 2,896 mm containers
Capstans	2 units electro hydraulic x 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

**FIRE FIGHTING**

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

**MOTION COMPENSATED GANGWAY SYSTEM**

Ampelmann - Motion compensated gangway system
---

**BOAT LANDINGS**

2 x Boat landings for offshore people transfer by means of CTV (Crew Transfer Vessel)
---

**FUEL DELIVERY CAPABILITIES**

Fuel give away system for delivery to Crew Transfer Vessels (CTVs)	
Pumping rate 7 m <sup>3</sup> per hr, total head 2.9 bar	
TODD 2" connection on deck	
Main fuel delivery	150 m <sup>3</sup> @80 m head
Pot water delivery	150 m <sup>3</sup> @80 m head

**ACCOMMODATION**

Total	87 beds
Crew	27 single cabins
Charterer	60 beds
	22 single cabins + 19 double cabins
Recreation rooms	2
Offices	3 + 1 sky client office
Gym	1
Cinema	1
Compliance	MLC 2006

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](mailto:chartering@nl.vroonoffshore.com).