



GENERAL

Place of Build	Fujian Southeast Shipbuilding, China
Vessel Type	Subsea-support walk-to-work vessel
Year Built	2017
Flag	Dutch
Call Sign	PBIH
IMO	9730505
Class notation	LR ✱ 100 A1 Offshore Supply Ship, Fire-Fighting Ship (2400m ³ /h) with water spray, Oil Recovery (flash point exceeding 60deg), WDL (7t/m ² 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
Max. draft moulded	5.8 m
Deadweight (Max. draft)	2,500 t
Gross tonnage	4,965 t
Net tonnage	1,489 t

MACHINERY & PROPULSION

Main engines	2 x MAK 2,400 kW (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 550 kW Diesel driven (737 BHP)
	1 x 910 kW Diesel driven (1,220 BHP)
Client generator	1 x 550 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

CARGO CAPABILITIES

Deck strength	7 t/m ²
Clear deck space (open)	260 m ²
Clear deck space (sheltered)	190 m ²
Fuel capacity (100%)	1,140 m ³
Bilge holding	abt 15 m ³
Fresh water	710 m ³
Drill water / W.B.	1500 m ³
Oil recovery	340 m ³
Fresh water maker	2 x 10 t per day

POWER SUPPLY

Reefer Sockets	1 * 440 V/63 amps / 4 pins
	5 * 440 V/32 amps / 4 pins
	2 * 220 V32 amps / 4 pins
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

POSITIONING REFERENCE SYSTEM

Cyscan	CyScan MK IV
Radascan	RadIUS
Tautwire	Taut Wire Mk 15B
Hipap	Kongsberg HiPap 502
GPS	2 x Furuno, GP-150
DGPS	Kongsberg DPS 110/112
Gyro Compass	3 x Anschutz Gyro Compass
Magnetic Compass	1 x Magnetic Compass standard 22
Dynamic Positioning System	Kongsberg 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
Main Hoist	50 t @ 9 m
Aux. Hoist	5 t @ 24 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 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	ABS FiFi Class 1 - 2400 m ³ per hr
Monitor	2 x 1200 m ³ per hr
Throw length/height	>120 m / 50 m

ADDITIONAL EQUIPMENT

Barge Master AHC gangway system	
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 = TBA	
TODO connection on deck	

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.