

SSV - WALK TO WORK , DP2 - VOS START (3258)



GENERAL

Place of Build	Fujian Southeast Shipbuilding, China
Vessel Type	Subsea-support walk-to-work vessel
Year Built	2017
Flag	Dutch
Call Sign	PBII
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 (7l/m ² from Alt 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	2254.288 mt
Keel to mast	35 m
Light Ship	3585 mt
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 Type 8M25C-LE2(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

MAIN DECK DETAILS

Deck strength	7 t/m ²
Clear deck space (open)	260 m ²
Clear deck space (sheltered)	190 m ²

TANK CAPACITY

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 V/32 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 1000
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
Outreach	23m/6mt
Main Hoist Swl	50 t @ 9 m
Wire length	600m (30mm/485m hook)
Aux. Hoist Swl	5 t @ 24 m (14mm)
Wire length	70m
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 x 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 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 5 m ³ per hr, total head 2,9 bar	

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

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