

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



GENERAL		COMMUNICATIONS EQUIPMENT	
Place of Build	Fujian Southeast Shipbuilding, China	HF Radio	1 x Furuno Model RC-1800T
Vessel Type	Subsea-support walk-to-work vessel	VHF Radio	1 x Furuno FM-8800S
Year Built	2017	Portable two-way VHF	3 x McMurdo model R2 GMDSS
Flag	Dutch	Satellite EPIRB	1 x McMurdo model SMARTFINDES
Call Sign	PBIH	Navtex Receiver	1 x Furuno NX-700A (GMDSS)
IMO	9730505	SART	McMurdo S4 rescue SART
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 Alt to frame 71) CAC, *IWS, ECO(TOC) * LMC, UMS DP(AA)	Automatic Identification System (AIS)	1 x Furuno FA-150
		GMDSS Radio	A1+A2+A3
PRINCIPAL DIMENSIONS		POSITIONING REFERENCE SYSTEM	
Length overall	80.00 m	CyScan	CyScan MK IV
Length B.P.P.	74.70 m	Radascan	Radius 1000
Breadth moulded	18.40 m	Taut wire	Taut Wire MK 15B
Depth moulded	7.8 m	Hipap	Kongsberg HiPap 502
Design draft	6.00 m	Wind sensors	3
Deadweight Summer draft	2254.3 mt	GPS	2 x Furuno, GP-150
Keel to mast	35 m	DGPS	Kongsberg DPS 110/112
Light Ship	3585 mt	Gyro Compass	3 x Anschutz Gyro Compass
Max. draft moulded	5.8 m	Magnetic Compass	1 x Magnetic Compass standard 22
Deadweight (Max. draft)	2,500 t	Dynamic Positioning System	Kongsberg DPS-2
Gross tonnage	4,965 t	Joystick Control	Kongsberg cJoy system
Net tonnage	1,489 t	ECDIS	2
MACHINERY & PROPULSION		ERN	99.99/97.95
Main engines	2 x MAK 2,400 kW Type 8M25C-LE2(3,220 BHP)	DECK MACHINERY	
Propulsion system	Twin CPP rudders propellers / azimuth thrusters	Main Deck Crane : 50 T AHC / 5 T 3D motion compensated	SMST 2600-K-1F-50-500
Bow thruster	2 x 12 t Super-silence 800 kW electric tunnel thrusters	Outreach Main Crane	23 m/6 mt
	1 x 13 t 700 kW retractable thruster	Main Hoist Swl	50 t @ 9 m
Main generators	2 x 550 kW Diesel driven (737 BHP)	Wire length	600 m (30 mm/485 m hook)
	1 x 910 kW Diesel driven (1,220 BHP)	Aux. Hoist Swl (without 3D motion compensation)	5 t @ 24 m (14 mm)
Client generator	1 x 550 kW Diesel driven	Wire length	70 m
Emergency generator	130 kW Diesel driven	Tugger winches	2 x 3 t
Shaft generator	2 x 1,230 kW M/E driven	Deck Crane	1 x 3 t SWL @ 10 m
FUEL CONSUMPTION		Skidding system	6 x 1 t : 20' high 2,896 mm containers
Speed (12 knots)	14.5 mt/day	Capstans	2 x Electro hydraulic x 10 t @ 24 m/min
Speed (11 knots)	11 mt/day	LIFE SAVING APPARATUS	
Speed (10 knots)	10 mt/day	Lifeboats	2 x 45 men
DP mode	7 mt/day	Life rafts	4 x 15 men
DP during W2W and crane ops	8 mt/day	Scrambling Nets	1 on each side of rescue zone
In port	1.5 mt/day	FIRE FIGHTING	
Fuel type	ISO 8217: 2005 DMA or later revisions	Capacity	FIFI Class 1 - 2400 m ³ per hr
		Monitor	2 x 1200 m ³ per hr
		Throw length/height	>120 m / 50 m
MAIN DECK DETAILS		ADDITIONAL EQUIPMENT	
Deck strength	7 t/m ²	Barge Master AHC gangway system	
Clear deck space (open)	260 m ²	Adjustable boat landing at the stern	
Clear deck space (sheltered)	190 m ²	Fixed boat landing on Starboard side	
TANK CAPACITY		Melcan Crane (offshore certified) on stern, remote controlled	16 m outreach 1000 KG
Fuel capacity (100%)	1,140 m ³	FUEL DELIVERY CAPABILITIES	
Fuel MGO Client Clean Fuel	132 m ³	Fuel give away system for delivery to Crew Transfer Vessels (CTVs)	
Bilge holding	abt 15 m ³	Pumping rate 7 m ³ per hr, total head 2,9 bar	
Fresh water	710 m ³	TODO 2" connections on deck	
Drill water / W.B.	1500 m ³	Main fuel delivery	150 m ³ @80 m head
Oil recovery	340 m ³	Pot water delivery	150 m ³ @80 m head
POWER SUPPLY		ACCOMMODATION	
Reefer Sockets	1 * 440 V/63 amps / 4 pins	Total	87 beds
	5 * 440 V/32 amps / 4 pins	Crew	27 single cabins
	2 * 220 V/32 amps / 4 pins	Charterer	60 beds
8 x Waterproof	IP56 electrical sockets in warehouse and aft cargo	22 single cabins + 19 double 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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