

Technical Specification SEA WITCH



DEEP SEA SUPPLY



IMO No.: 9392975
 DNV ID No.: 27353
 MMSI : 212 579 000
 Call Sign : 5BLT2

MAIN DESCRIPTION	MEASUREMENT
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Type :	UT 755 L	Lenght oa :	71.90 m
Classification :	DNV, +1A1, SF E0 Clean	Lenght bpp :	66.00 m
	Fi Fi 1, +DPS-2	Breath moulded :	16.00 m
Yard :	Cochin Shipyards Ltd	Depth moulded :	7.00 m
Place built :	Cochin	Draught max :	5.83 m
Country built :	India	Correspondign DWT :	3250 mt
Delivered :	Dec '08	Gross tonnage GT :	2160
Flag :	Cyprus	Net tonnage NT :	1036
Port of registry :	Limasol	Speed svc/max :	12 / 14kts
Owner :	Dess PSV Ltd	ISM-Responsible :	Deep Sea Supply Mgmt (S'pore) Pte Ltd

CARGO CAPACITY	DISCHARGE RATE
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Deck cargo:	1600 t	Fuel discharge rate :	1 off 200 m3/h - 9 bar
Deck area:	680 m ²	Mud discharge rate :	2 off 75 m3/h - 18 bar
Deck strength:	5.0 t/m ²	Brine discharge rate :	1 off 75 m3/h - 18 bar
Fuel (gasoil) :	1000 m ³	Drillwater discharge rate :	1 off 200 m3/h - 9 bar
Liquid Mud :	970 m ³	Dry bulk discharge rate :	2 off 27 m3/min - 9 bar
Drillwater / Ballast :	850 m ³	Base Oil discharge rate :	1 off 150 m3/h - 9 bar
Base Oil :	200 m ³	Fresh Water discharge rate :	1 off 200 m3/h - 9 bar
Dry Bulk :	315 m ³ (11250cuft)		
Fresh Water :	840 m ³		

MACHINERY / PROPULSION

Main Engines :	2x2725 bhp/ 825 rpm	Stern Thruster :	1 off 590 kW (800 bhp)
Propellers :	2 off Ulstein CPP	Generators :	2 x 1280 kW Shaft
Rudders :	2 off T1650	Diesel Generators :	2 x 250 kW
		Emergency Genset :	1 x 72 kW
Total BHP :	5450 BHP	Shore Connection:	440 v, 60 Hz
Bow Thrusters:	2 off 590 kW (800bhp)		

PERFORMANCE / CONSUMPTION	ACCOMODATION
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Max Speed / Consumption: 14.3 knots/ 20 t	Tween deck :	2 off 4-men cabins
Service Speed / Consumptio 11.0 knots/ 17 t	Main deck :	1 off Change/ Washroom
Economical Speed / Consum 9.0 knots/ 14 t		1 off Toilet room/ 1 off Spare room
Standby Mode Consumption: 2-3 knots/ 4 t	F. C. deck :	Galley and provision rooms, mess and day room
		1 off Laundry/ Drying room, 1 off Store room
	A- deck :	5 off 1-bed cabins for crew
		1 off 4- men cabin/ 1 off Aircond room
	B- deck :	5 off 1-bed cabins for officers/ crew
	Bridge deck :	Whellhouse, Toilet room

DECK

Windlass :	Brattvaag PH SNF 210-40	One off instrument air drier, one instrument air tank
Tugger Winches :	Brattvaag 2 off 10 t	Two off starting air compressors. Sperre HL2/ 105
Deck Crane :	3t/ 10-16 m TTS-GPT 115	Two off starting air bottles.
Capstans :	Brattvaag 2 off 8 t CMX2208	Two off Bilge/ fire pumps. All Weiler AEB1E0750-IE
		One off Bilge water separator.
		Four Reefer plugs. Two 440V + Two 220 V.
		CO2 Fire Fighting System in engine room.

RESCUE EQUIPMENT

Fire Fighting equipment :	Fifi Class1	Survival Suits :	22 persons
MOB Boats:	1 x Viking	Life jackets:	22 persons
Emergency Beacon:	2 Off JRC.VHF 406 MHz	Life rafts:	4 Viking

NAVIGATION AND COMMUNICATION EQUIPMENT

DP :	AUT (DP1) Konsberg	GMDSS Sea Area:	A3
Radar 3 cm:	JRC.JMA 9922 SXA	MF/HF Radia:	JRC.JSS - 296
Radar 10 cm:	JRC.JMA 9932 SXA	DSC Receiver:	JRC.JHS - 32B
Radar Slave :	One on aft bridge	VHF 1:	JRC.JHS - 7
Direction Finder :	Johnn Lillie & Gillie LTD	VHF 2:	JRC.JHS - 7
Gyro:	Tokimec Inc - TG - 8000	VHF 3:	JRC.JHS - 7
Autopilot:	Tokimec Inc - Pr-6114A-22	Portabel UHF:	4x JRC.JHS - 430
Navtex:	JRC.NCR - 333	Mobil Telephone:	Yes
Joystick:	Poscon (RRM)	Iridium:	Inmarsat Fleet 77
AIS:	JRC.JHS - 182	Mini-M:	Inmarsat JRC.JUE 85
Echo Sounder:	JRC.JFE 585	Sat C 1:	JRC.JQE-3A
Speed log:	JRC.JLF 205	Intercom System:	Yes
Satellite Navigator (GPS)	DGPS.JRC.JRL-77MK2		
Wind Sensors:	John Lillie & Gillie LTD		