

Technical Specification Sea Trout



DEEP SEA SUPPLY

IMO no: 9420186
 DNV id no : 27851
 MMSI : 258411000
 Call Sign : LAUA



MAIN DESCRIPTION		MEASUREMENT	
Type :	VS 470 PSV Mk II	Length oa :	73,40 m
Classification :	DnV, + 1A1, SF, E0, DYNPOS AUT	Length bpp :	64,00 m
Yard :	Karmsund	Breadth moulded :	16,60 m
Yard built no :	32	Depth moulded:	7,60 m
Place built :	Karmoy	Draught max:	6,42 m
Country built :	Norway	Gross tonnage GT:	2450 ts
Delivered :	June 2008	Corresponding DWT:	3570 ts
Flag :	NOR	Net tonnage NT:	910
Port of registry :	Arendal	Air dreaft at 6 m EK:	27,70 m
Owner :	Deep Sea Supply Shipowning AS	Speed svc/max:	13,6 kts
		ISM-Responsible	OSM, Norway

CARGO CAPACITY		DISCHARGE RATE	
Deck cargo:	1600 ts	Loading/Discharge station :	P/S side and stern
Deck area:	700 m2	Fuel discharge rate :	2 x 200 m ³ /h
Deck strength:	5 t/m2	Mud discharge rate :	2 x 70 m3/h
Fuel (gasoil) :	1100 m3	Brine discharge rate :	2x70 m3/h
Liquid Mud :	1070 m3	Drillwater discharge rate :	2 x 150 m3/h
Brine :	850 m3	Dry bulk discharge rate :	2 x 29,5 m3 @ 5,6 bar
Drillwater/Ballast :	780 m3	Base Oil discharge rate :	1 x 150 m3/h
Dry Bulk :	340 m3	Fresh Water discharge rate :	1 x 200 m3/h
Fresh Water :	900 m3	Tank washing systems:	Yes in all mud tanks
Base oil:	210 m3		

MACHINERY / PROPULSION			
Main Engines :	2 x 2760 BHP CAT 3606 L 2 x 2030 kW 1000 RPM	Auxiliary Engine set 1:	1 x 400 kW at 1800 RPM
Propulsion Aft:	2 x 4 blades controllable pitch dia 2,9 m	Auxiliary Engine set 2:	1 x 400 kW at 1800 RPM
Rudders :	2 x spade rudders	Emergency Generator :	1 x 70 kW at 1800 RPM
Bow Thruster:	2 x tunnel thrusters 588 kW each		3 x 440V, 60 Hz
Stern Thruster :	2 x tunnel thrusters 588 kW each	Shore connection:	International.
Shaft Generator 1:	1 x 1300 kW at 1200 RPM	Central heating boiler:	1 oil fired , hot water boiler for central heating.
Shaft Generator 2:	1 x 1300 kW at 1200 RPM		Capacity: 100 000 kcal

PERFORMANCE / CONSUMPTION

Max Speed/Consumption:	13,6 kts/21 m3
Service Speed/Consumtion:	12,5 kts/ 14 m3
Economical Speed/Consumtion :	10,5 kts/12 m3
Standby Mode :	5 m3/24 hrs
Port Consumption :	2 m3/24 hrs
DP Operations by rig:	5 m3/24 hrs
Roll reduction system:	2 x passive free-surface effect roll reduction tanks

ACCOMODATION

Cabins:	9x1 + 3x2 + 2x4 = 14
Cabins for passengers	1 x 4 included in above
Air condition:	In all accommodation
Mess/Dayroom :	1 / 2
Crew/Passengers :	23
Cool store/Freezer :	1 cool store/1 freezer
Dry Provision :	1 Dry Provision
Sanitary system:	Vacum based

DECK EQUIPMENT

Tugger Winch :	2x10 mt	Air compressors:	2 Atlas Copco GA 160W-100X.
Decl crane:	4T/12m-1T/18m	Reefer connections:	2 x 110V 3 ph 60 Hz
Windlass:	spek type 2x2,64mt	Air drier / Air tank:	2 Dominick Hunter CDR 1400W
Capstans:	2x8mt	Bilge pumps:	2 x Allweiler
Anhors	2x2,64mt spek type tot 467,5m dia 40mm	Fire/Ballast pumps:	2 x Allweiler
		CO2 fire fighting:	1 Unitor in Engine room
		Fire pumps:	1 Allweiler

RESCUE EQUIPMENT

Fire fighting equipment:	Normal extinguishers	Survival suits:	30 pcs
MOB boat:	1 Norsafe 5,0 midket mkII For 6 persons. 50 HP	Life jackets:	37 pcs
Davit for MOB boat:	Norsafe NDA 16 Midget 5,0	Life rafts:	4x25 pers Viking
Hospital :	For 1 person	Emergency Beacon:	Tron 46 sx
Rescue nets/basket:	N/A	GMDSS VHF` s:	3 Jotron

NAVIGATION AND COMMUNICATION EQUIPMENT

DP System (DP 1):	Kongsberg CPos	GMDSS Sea Area:	A3
DP Refrance 1:	DGPS 116	MF/HF Radio :	Furuno
DP Refrance 2:	Fanbeam 4,2	Radio Telex :	N/A
		DSC Receiver :	Furuno
Radar:	Furuno 3cm	Helicopter comm :	N/A
Radar:	Furuno 10cm	VHF 1 :	2xSailor
Radar Slave :	Furuno	VHF 2:	2xFuruno
Direction Finder :	Taiyo-TDL 1550A	VHF 3 :	
Gyro:	2xsimrad GC 80	VHF:	
Autopilot:	Robertson AP9 MK3	UHF :	2xMotorola GM360
Chart Plotter :	Telchart	Portabel UHF :	5xMotorola GP340
Navtex :	Furuno NX-700B	Mobil Telephone :	1
Joystick :	Kongsberg cJoy	Iridium :	N/A
AIS :	Furuno FA-150	Mini-M :	N/A
Echo Sounder :	Furuno FE-700	Sat C1/2	2 x Furuno Felcom 15
Speed log :	Furuno DS-80	Fleet 77	Sailor 77 Fleet
Satellite Navigator (GPS)	Furuno GP-150	Intercom System :	Vingtor VMP-340
Wind Sensors1:	Deif	Helibeacon:	
Wind Sensors2:	Walker		