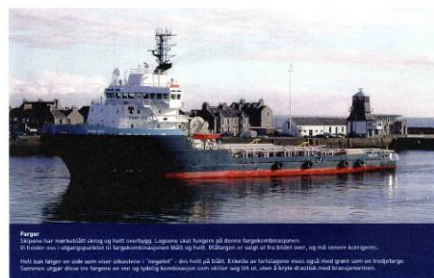


Sea Bear
Multipurpose AHTS Vessel
Technical Specification
KMAR 404



DEEP SEA SUPPLY



IMO no: 99130140
 ABS Id no: 22411
 Call Sign : C4UA2
 MMSI no: 209717000

MAIN DESCRIPTION	MEASUREMENT
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Type :	KMAR 404	Lenght oa :	73.50 m
Classification :	ABS AI Offshore Supply Ship	Lenght bpp :	66,60 m
	FiFi 1, AMS , AH, ACCU	Breath moulded :	16.40 m
Yard :	Kværner Kleven as	Depth moulded :	8.00 m
Yard built no :	271	Draught max :	6.90 m
Place built :	Leirvik in Sogn	Gross tonnage GT :	2590
Country built :	Norway	Correspondign DWT :	2854 mt
Delivered :	1999	Net tonnage NT :	777
Flag :	Cyprus	Air draft at 6,50 mt EK:	28,50 m
Port of registry :	Limassol	Speed svc/max.	10/15,5 knots at 16/44 m3 GO
Owner :	SFI BB DESS Cyprus Ltd	ISM-Responsible :	OSM Management AS

CARGO CAPACITY	DISCHARGE RATE
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Deck cargo:	1.000 tons		
Deck area:	550 m2 (39,3m x 14,00m)		
Deck strength:	5 t/m2 - 10 t/m2	Loading/Discharge station:	2 each side
Fuel (gasoil) :	929.80 m3	Fuel discharge:	1 off 250 m3/h - 9 bar
Liquid Mud :	616 m3	Mud discharge:	2 off Each 95 m3/h - 24 bar
Brine :	581.5 m3	Brine discharge:	2 off Each 95 m3/h - 18 bar
Base Oil:	168 m3	Base oil discharge:	1 off 75m3/h oil mud pump
Drillwater/Ballast :	664 m3 + 264 m3	Drillwater discharge:	1 off 250 m3/h - 9 bar
Fresh Water:	521 m3	Fresh water discharge:	1 off 250 m3/h - 9 bar
Dry Bulk :	4 tanks 225 m3 (8,000 cu.It.)	Dry bulk discharge:	Abt 100 t/h

MACHINERY / PROPULSION			
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Main Engines:	Wärtsila. 2 x 5 530 kW 750 rpm	Main propulsion:	2x4 blades in nozzles dia 3,8m
BHP / KW Main Engines:	15 000 BHP / 11 060 kW	Rudders:	2xflap/split rudders
Shaft Generators:	2 x 1800 kW	Bow Thruster:	1 x 800 kW, tunnel
Aux. Generators:	2 x 300 kW	Azimuth Thruster forward:	1 x 800 kW
Emergency Generators:	1 x 80 kW	Stern Thruster:	1 x 800 kW, tunnel
Shore Connections:	440 V/60 Hz		

All figures and data belived to be correct, but not guaranteed

PERFORMANCE / CONSUMPTION		ACCOMODATION	
Bollard Pull max :	188 mt	Total Cabins/Beds :	14/24. (8x1+4x2+2x4)
Bollard Pull continuous :	177 mt	Cabins/beds for Crew:	12
Max Speed/Consumption :	15.0 knots at 40 m3/day	Cabins/bed Passengers:	2x4
Service Speed/Consumtion:	14.0 knots at 34 m3/day	Mess/Dayroom :	1
Economical Speep/Consumtion :	11.0 knots at 20 m3/day	Cool store/Freezer :	1
Standby Mode :	Abt 6 m3/day	Dry Provision :	1
Port Consumption :	Abt 1-2 m3/day		

DECK / AHL EQUIPMENT			
Deck Crane:	5 mt / 14 m	Rig Chain Gipsies:	2 x 76mm + 2 x 84mm
Tugger Winches :	Brattvaag 2 x 10 mt	Towing Pins:	Karmoy 240mt SWL
Windlass:	Brattvaag 2 x 16 mt	Shark Jaws :	2 x 500 mt
Capstans:	Brattvaag 2 x 5 mt	Towing Wire :	1500m x 76mm
Anchor Handling/Tow Winch:	Brattvaag SL 300t Pull/400t Brake	Spare Tow Wire :	1000m x 76mm
	2 x 2000m x 76mm wire	Work Wire A/H :	900m x 76mm
Rope Reels:	2 x 2000m x 76mm wire	Grapnels for Chain :	Yes
	Brattvaag 20 mt	Forged J Chaser :	Yes
Chain Lockers:	2 x 132 m3		
Stern Roller:	6m x 3m dia. SWL 500 mt		

RESCUE EQUIPMENT			
Hospital :	Yes	Radar transponders :	1
Fire Fighting equipment :	FiFi 1. 2 x 1200 m3/hour	Emergency Beacon:	2
MOB Boats:	1 x Norsafe. 6 persons	GMDSS VHF` s:	3
Mob Boats Engine:	Evinerude 25 HP	Survival Suits :	24
		Life jackets :	30
		Life rafts:	4

NAVIGATION AND COMMUNICATION EQUIPMENT			
Radar 3 cm:	1 Furuno FR-2115	GMDSS Sea Area:	A1-A2-A3
Radar 10 cm:	1 Furuno FAR-2835 S	MF/HF Radio :	Sailor RE2100
Radar Slave :	2 As above	Radio Telex :	N/A
Direction Finder :	Extinct	DSC Receiver :	Sailor RM2150
Gyro:	1 Anschutz Standard 20	Helicopter comm :	N/A
Autopilot:	Yes	VHF 1 :	Sailor RW2042
Chart Plotter :	Yes	VHF 2:	Sailor RT2048
Navtex :	1 JMC NT-900	VHF 3 :	Sailor RT2047
Joystick :	Yes	UHF :	ICOM IC F21BR
AIS :	1 Furuno FA-100	Portabel UHF :	ICOM IC F21BR
Echo Sounder :	1 Furuno FE881 Mk 2	Mobil Telephone :	Yes
Speed log :	Furuno Doppler	Iridium :	Yes
Satellite Navigator (GPS)	1 Furuno Nav. GP-80	Mini-M :	RadioHolland
Wind Sensors:	Aanderaa	Sat C 1 :	Sailor H2095B
		Sat C 2 :	Sailor H2095B
		Intercom System :	Vingtor

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