

Technical Specification

SEA TIGER

Multipurpose AHT Vessel

KMAR 404



DEEP SEA SUPPLY ASA



IMO no: 9166376
 DNV id no : 20117
 MMSI : 209107000
 Call Sign : 5BDQ3
 Ip Phone: 00 47 21 54 90 69
 Cell phone: 00 47 97 66 53 39
 Mini M voice: 873 764 335 711
 Mini M Fax: 873 764 335 712

MAIN DESCRIPTION		MEASUREMENT	
Type :	KMAR 404	Lenght oa :	73.50 m
Classification :	DNV 1A1 Tug Supply Vessel, SF E0 DK(+) HL(2.8) DYNPOS AUTR	Lenght bpp :	66,60m
Yard :	Kværner Kleven Leirvik as	Breath moulded :	16.40 m
Yard built no :	278	Depth moulded	8.00 m
Place built :	Leirvik in Sogn	Draught max :	6.90 m
Country built :	Norway	Gross tonnage GT :	2556
Delivered :	1998	Correspondign DWT :	2802
Flag :	Cyprus	Net tonnage NT :	810
Port of registry :	Limassol	Air draft at 6,50 mt EK:	28.5 mtrs
Owner :	Deep Sea Supply Shipowning As	Speed svc/max.	10/15,5 knots at 16/44 m3 GO

CARGO CAPACITY		DISCHARGE RATE	
Deck cargo:	1.000 tons	Loading/Discharge station :	2 each side
Deck area:	543 m3	Fuel discharge rate :	1 off 250 m3/h - 9 bar
Deck strength:	5 t/m2 - 10 t/m2	Mud discharge rate :	2 off Each 95 m3/h - 24 bar
Fuel (gasoil) :	742 m3	Brin discharge rate :	2 off Each 95 m3/h - 18 bar
Liquid Mud :	616 m3	Drillwater discharge rate :	1 off 250 m3/h - 9 bar
Brine :	581 m3	Dry bulk discharge rate :	Abt.100 t/h
Drillwater/Ballast :	929 m3	Base Oil discharge rate :	N/A
Base Oil :	168 m3	Fresh Water discharge rate :	250 m3 / h 9 bar
Dry Bulk :	4 tanks 240 m3	Discharge Couplings	5" Weco
Fresh Water :	522 m3		

MACHINERY / PROPULSION			
Main Engine set 1 :	1 x 5.530 kW 750 rpm	Generators :	2 x 1.800 k W , Shaft
Main Engine set 2 :	1 x 5.530 kW 750 rpm	Diesel Generators :	2 x 300 k W
Propulsion Aft:	2 x 4 blades in nozzles dia 3,8 m	Emergency Generator :	1 x 80 k W
Rudders :	2 x flap , independent operation	Shore Connection:	440 V/60 Hz
Total BHP :	15.000		
Total Kw :	11060		
Bow Thruster:	1 x 800 kW ,tunnel		
Stern Thruster :	1 x 800 kW , tunnel		
Azimut Thruster Forward	1 x 800 kW azimuth		

PERFORMANCE / CONSUMPTION**ACCOMODATION**

Bollard Pull max :	180 MT	Cabins for crew:	12 x 1 for crew
Bollard Pull continuous :	171 MT	Cabins for passengers	2 x 1/ 2 x 4
Max Speed/Consumption :	16.0 knots at 44 m3/day	Mess/Dayroom :	1
Service Speed/Consumption:	14.0 knots at 34 m3/day	Crew/Passengers :	12 / 10
Economical Speed/Consumption :	11.0 knots at 20 m3/day	Mess/Dayroom :	1
Standby Mode :	Abt 10 m3/day	Cool store/Freezer :	1
Port Consumption :	Abt 1-2 m3/day	Dry Provision :	1

DECK / AHL EQUIPMENT

Tugger Winch :	Brattvaag 2x 10 mt	Shark Jaws :	2 x 500 mt
Crane 1 :	4.5 mt / 14 m	Towing Wire :	1700 a 77 mm
Windlass:	Brattvaag 16.4 mt	Spare Tow Wire :	1300 a 77 mm.
Capstans:	Brattvaag 5 mt	Work Wire A/H :	730 a 77 mm
Anker Handling/Tow Winch :	Brattvaag SL 300t Pull / 400t Break	Grappels for Chain :	Yes
	2x2000m of 76 mm wire	Forged J Chaser :	Yes
Rope reels:	Brattvaag 20 mt	Wire spooling	
	2 x 2000 m of 76 m m	Device :	Yes Installed on Towing and AH drums
Rig Chain Gipsies :	76 mm rig chain		
Chain Lockers :	2 x 130 m3		
Towing pins:	Karmøy KWT 350-800 / SWL 240 mt		
Stern Roller :	L: 6.0 m x 3.0m diam. SWL 500 mt		

RESCUE EQUIPMENT

Hospital :	Yes	SART:	2 x Jotrun Tron SART
Fire Fighting equipment :	Normal extinguishers	GMDSS VHF's:	3 x Jotrun
MOB Boats:	Norsafe Midget 500 MK	Survival Suits :	32
Rescue Regulation :	No rescue class	Life jackets :	33
EPIRB:	2 X Jotrun	Life rafts:	6

NAVIGATION AND COMMUNICATION EQUIPMENT

Radar 3 cm:	Furuno FR-2105	GMDSS Sea Area:	A3
Radar 10 cm:	Furuno FAR-2805 (ARPA)	MF/HF Radio :	Sailor
Radar Slave :	19 " radar repeater	Radio Telex :	No
Direction Finder :	TAIYO FDL	DSC Receiver :	Sailor
Gyro 1:	Anschutz Digital 20	Helicopter comm :	No
Gyro 2 & 3:	Sperry, Navigat X MK 1	VHF 1 :	Sailor RT2042
Autopilot:	Anschutz	VHF 2:	Sailor RT2048
Chart Plotter :	Telchart 21 21	VHF 3 :	Sailor RT2042
Navtex :	JRC NCR-330	VHF 3 :	Sailor RT2048
Joystick :	Kongsberg cJoy	UHF :	2 base stns
AIS :	Furuno Universal FA-100	Portabel UHF :	5 units w/helmet control
Echo Sounder :	Furuno FE-700	Mobil Telephone :	0047 97665339
Speed log :	Furuno Doppler DS-70	Iridium :	Yes
Satellite Navigator 1 (GPS)	Furuno GP-80	Mini-M :	Nera (+870 764 335 711)
Satellite Navigator 2 (GPS)	SAAB AISGPS	Mini-M Fax:	Nera (+870 764 335 712)
DP :	Kongsberg K-Pos	Sat C 1 :	Sailor (425962610)
DP Reference 1:	2 X Seatex DPS 232	Sat C 2 :	Sailor (425962611)
DP Reference 2:	Fanbeam	Intercom System :	Stentofon
Wind Sensors:	2 x Gill, WindObserver II		