

Sea Lynx

Multipurpose AHTS Vessel

Technical Specification

KMAR 404



DEEP SEA SUPPLY

IMO no: 9178410
 DNV id no : 20172
 MMSI : 258 567 000
 Call Sign : LNUA



MAIN DESCRIPTION		MEASUREMENT	
Type :	KMAR 404	Lenght oa :	73.50 m
Classification :	1A1 Tug Supply Vessel SF	Lenght bpp :	66,65 m
	E0 DK(+) HL(2.8)	Breath moulded :	16.40 m
Yard :	Kværner Leirvik as	Depth moulded	8.00 m
Yard built no :	281	Draught max :	6.90 m
Place built :	Leirvik in Sogn	Gross tonnage GT :	2556
Country built :	Norway	Correspondign DWT :	2900 mt
Delivered :	1999	Net tonnage NT :	810
Flag :	NOR	Air draft at 6,50 mt EK:	28,50 m
Port of registry :	Arendal	Speed svc/max.	10/15,5 knots at 16/44 m3 GO
Owner :	Deep Sea Supply Shipowning AS	ISM-Responsible :	OSM AS

CARGO CAPACITY		DISCHARGE RATE	
Deck cargo:	1.000 tons	Load/Discharging:	2 each side
Deck area:	550 m2 (39,3m x 14m)	Fuel discharge:	1 off 250 m3/h - 9 bar
Deck strength:	5 t/m2 - 10 t/m2	Mud discharge:	2 off Each 95 m3/h - 24 bar
Fuel (gasoil) :	950 m3	Brine discharge:	2 off Each 95 m3/h - 18 bar
Liquid Mud :	616 m3	Base Oil discharge:	1 off 75m3/h oil mud pump
Brine :	578 m3	Drill Water discharge:	1 off 250 m3/h - 9 bar
Base Oil:	168 m3	Fresh Water discharge:	1 off 250 m3/h - 9 bar
Drillwater/Ballast :	664 m3 + 264 m3	Dry Bulk discharge:	Abt 100 t/h
Fresh Water:	500 m3		
Dry Bulk :	4 tanks 225 m3 (8,000 cu.lt.)		

MACHINERY		PROPULSION	
Main Engines:	Wärtsila. 2 x 5.620 kW 750 rpm	Main propulsion:	2x4 blades in nozzles dia 3,8m
BHP / kW Main Engines:	15 000 BHP / 11060 kW	Rudders:	2 flap/split rudders
Shaft Generators:	2 x 1 800 kW	Bow Thruster:	1 x 800 kW, tunnel
Aux. Generators:	2 x 300 kW	Azimuth Thruster:	1 x 800 kW
Emergency Generator:	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
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Bollard Pull max :	183 mt	Cabins/Beds :	14/18. (12x1+1x2+1x4)
Bollard Pull continuous :	173 mt	Cabins/beds Crew:	13/13
Max Speed/Consumption :	15.0 knots at 40 m3/day	Cabin/bed passengers:	1x4
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 EQUIPMENT	AH EQUIPMENT
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Tugger Winch :	Brattvaag 2 x 10 mt	Towing Pins:	Karmoy SWL 240 mt
Deck Crane:	5 mt / 14 m	Shark Jaws:	2 x 500 mt
Windlass:	Brattvaag 2 x 5 mt	Towing Wire:	1200m x 76mm
Capstans:	Brattvaag 2 x 5 mt	Spare Tow Wire:	1200m x 76mm
Anchor Handling/Tow Winch :	Brattvaag 300t Pull/400t Brake	Work Wire A/H:	800m x 76mm
	2x2000m of 76 mm wire	Grapnels for Chain:	Yes
Rope reels:	Brattvaag 20 mt	Forged J Chaser:	Yes
	2 x 2000 m of 76 mm	Wire spooling device:	Yes on towing & AH drums
Rig Chain Gipsies :	2x76mm + 1x84mm		
Chain Lockers :	2 x 132 m3		
Stern Roller :	6m x 3m dia. SWL 500 mt		

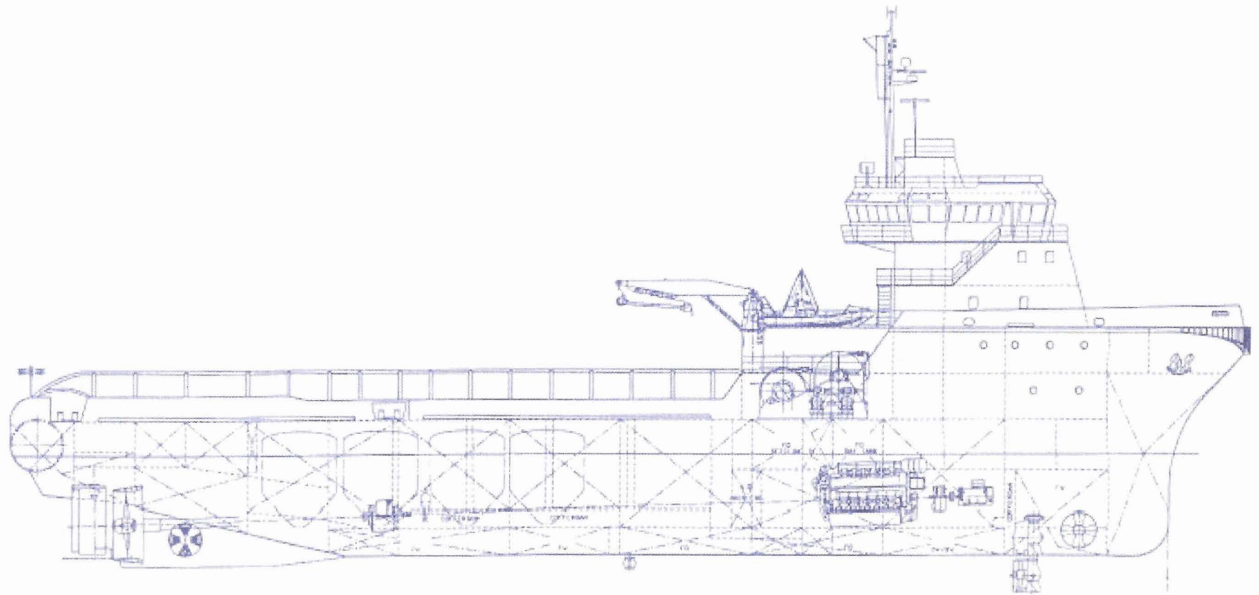
RESCUE EQUIPMENT

Hospital :	Yes	GMDSS VHF's:	3
Fire Fighting equipment :	Normal extinguishers	Survival Suits :	19
MOB Boats:	1 x Midget	Life jackets :	24
Mob boat engine:	40 HP Yamaha	Life rafts:	5
Radar transponders :	1	Emergency Beacon:	2

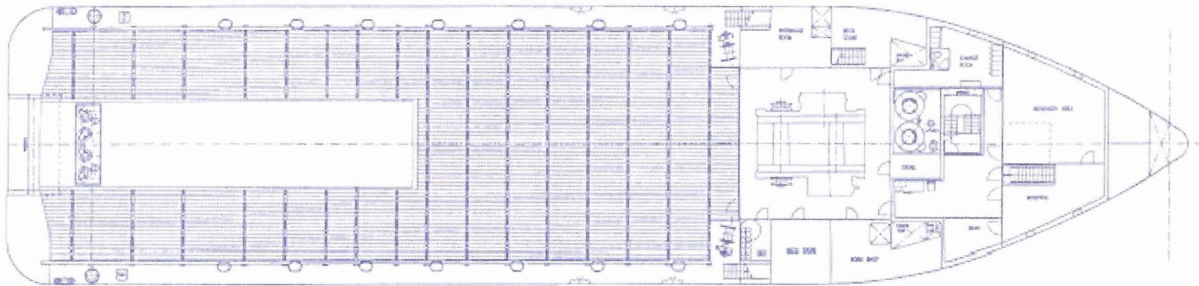
NAVIGATION EQUIPMENT	COMMUNICATION EQUIPMENT
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Radar 3 cm:	Furuno FR-2115	GMDSS Sea Area:	A1-A2-A3
Radar 10 cm:	Furuno FAR-2835 S	MF/HF Radio :	Sailor RE2100
Radar Slave :	As above	DSC Receiver :	Sailor RM2150
Direction Finder :	Extinct	VHF 1 :	Sailor RW2042
Gyro:	Anschutz Standard 20	VHF 2:	Sailor RT2048
Autopilot:	Yes	VHF 3 :	Sailor RT2047
Chart Plotter :	Yes	UHF :	ICOM IC F21BR
Navtex :	JMC NT-900	Portabel UHF :	ICOM IC F21BR
Joystick :	Yes	Mobil Telephone :	Nokia 3100
AIS :	Furuno FA-100	Iridium :	Yes
Echo Sounder :	Furuno FG 680	Mini-M :	RadioHolland
Speed log :	Yes	Sat C 1 :	Sailor H2095B
Satellite Navigator (GPS)	Furuno Nav. GP-80	Sat C 2 :	Sailor H2095B
Wind Sensors:	Aanderaa	Intercom System :	Vingtor

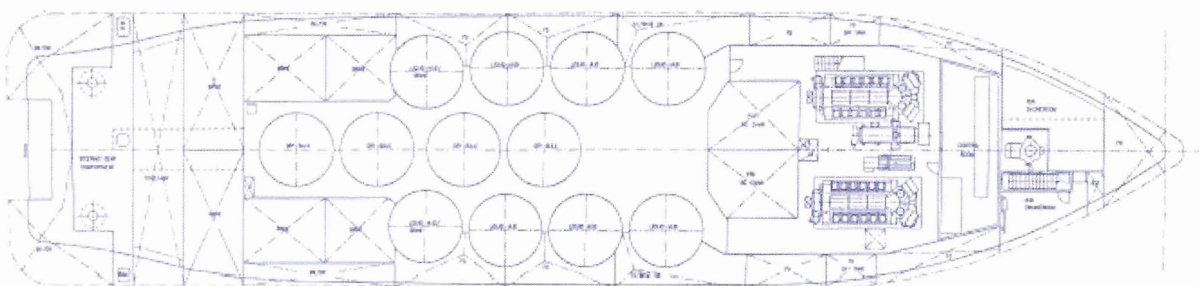
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STARBOARD PROFILE



MAIN DECK



TWEEN DECK