

Technical Specification
Sea Panther
 Multipurpose AHTS Vessel
 KMAR 404



DEEP SEA SUPPLY



IMO no: 9171747
 DNV id no : 20118
 MMSI : 257 271 000
 Call Sign : 5BDR3

MAIN DESCRIPTION	MEASUREMENT
------------------	-------------

Type :	KMAR 404	Lenght oa :	73.50 m
Classification :	DNV 1A1 Tug Supply Vessel SF	Lenght bpp :	66,65 m
	E0 DK(+) HL(2.8) DYNPOS-AUTR	Breath moulded :	16.40 m
Yard :	Kværner Leirvik as	Depth moulded	8.00 m
Yard built no :	279	Draught max :	6.90 m
Place built :	Leirvik in Sogn	Gross tonnage GT :	2556
Country built :	Norway	Correspondign DWT :	2854 mt
Delivered :	1999	Net tonnage NT :	810
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 :	Deep Sea Supply Shipowning AS		

CARGO CAPACITY	DISCHARGE RATE
----------------	----------------

Deck cargo:	1.000 tons	Loading/Discharge station :	2 each side
Deck area:	550 m2	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) :	910 cbm (742 + 168)	Brine 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 :	578 m3	Dry bulk discharge rate :	Abt.100 t/h
Base oil:	168 m3	Base Oil discharge rate:	1 x 75 m3/h
Dry Bulk :	4 tanks 225 m3 (8,000 cu.lt.)	Fresh Water discharge rate :	1 off 250 m3/h - 9 bar
Drillwater/Ballast :	664 m3 + 264 m3		
Fresh water:	500 m3		

MACHINERY / PROPULSION			
------------------------	--	--	--

Main Engine set 1 :	1 x 5.620 kW 750 rpm	Bow Thruster	1 x 800 kW , tunnel
Main Engine set 2 :	1 x 5.620 kW 750 rpm	Azimuth Thruster forw.	1 x 800 kW
Propulsion Aft:	2 x 4 blades in nozzles dia 3,8 m	Generators :	2 x 1.800 k W , Shaft
Rudders :	2 x flap , independent operation	Diesel Generators :	2 x 300 k W
Total BHP :	15.000	Emergency Generator :	1 x 80 k W
Total Kw :	11.240	Shore Connection:	440 V/60 Hz
Stern Thruster:	1 x 800 kW ,tunnel		

PERFORMANCE / CONSUMPTION**ACCOMODATION**

Bollard Pull max :	187 mt	Total Cabins/beds:	15 cabins/19 beds
Bollard Pull ccontinuous :	173 mt	Cabins for crew:	14 cabins / 13 x 1 + 1 x 2
Max Speed/Consumption :	15.0 knots at 40 m3/day	Cabins for passengers:	1 cabin / 4 beds
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

Tugger Winch :	Brattvaag 2x 10 mt	Stern Roller:	L: 6m x 3m dia. SWL 500 mt
Deck Crane:	5 mt / 14 m	Towing Pins:	Karmoy SWL 240 mt
Windlass:	Brattvaag 2 x 5 mt	Shark Jaws:	2 x 500 mt
Capstans:	Brattvaag 5 mt	Towing Wire:	1500 m x 76mm
Anchor Handling/Tow Winch :	Brattvaag SL 300t Pull/400t Break	Spare Tow Wire:	1400 m x 76mm
	2 x 2000m of 76 m m wire	Work Wire A/H:	700 m x 76mm
Rope reels:	Brattvaag 20 mt	Grapnels for Chain :	Yes
	2 x 2000 m of 76mm	Forged J Chaser:	Yes
Rig Chain Gipsies :	2 x 76mm & 2 x 84mm	Wire spooling device	Yes
Chain Lockers :	2 x 132 m3		

RESCUE EQUIPMENT

Hospital :	For 6 persons	GMDSS VHF's:	3 x
Fire Fighting equipment :	Normal extinguishers	Survival Suits :	32
MOB Boat(s):	1 NORSAFE (6 persons)	Life jackets :	28 + 4
Mob Boat Engine:	25HP outboard engine	Life rafts:	Viking (6 x 25 +2 x 6 persons)
Emergency Beacon:	1 pc JOTRON 45SX	Emergency Beacon:	1 pc KANDAD 406 WH

NAVIGATION AND COMMUNICATION EQUIPMENT

DP II	Kongsberg		
DP Referencs:	2 x DGPS, Fanbeam		
Radar 3 cm:	Furuno FR-2105 (ARPA)	GMDSS Sea Area:	A-3
Radar 10 cm:	Furuno FAR-2805 (ARPA)	MF/HF Radio :	Sailor SSB T2130/RE2100
Radar Slave :	Aft bridge panel	DSC Receiver :	Sailor RM2149/2150/2151
Direction Finder :	TAIYO FDL	VHF 1 :	Sailor RT2047
Gyro:	Anschutz Digital 20	VHF 2:	Sailor RT2048
Autopilot:	Anschutz Pilotstar	VHF 3 :	Sailor RT2042
Chart Plotter :	TELchart 2121 (C-Map chart)	Portable UHF :	Motorola (5pcs)
Navtex :	JMC NT-900	UHF Basestations :	Motorola (2pcs)
Joystick :	KaMeWa	Portable VHF :	Standard Submersible (4pcs)
AIS :	Furuno Universal FA-100	Mobil Telephone :	Handheld
Echo Sounder :	Furuno FE-680	Mobil Telephone :	Fixed for Data/E-mail
Speed log :	Furuno Doppler DS-70	Satcom:	NERA Saturn "M"
Speed log remote :	Furuno ED-2200	Sat C 1 :	Sailor
GPS Sat. Nav	Furuno GP-80	Sat C 1 :	Sailor
Wind Sensor:	Aanderaa Instruments 3300	Faximile via Satcom "M":	Brother
Weather facsimile	Furuno DFAX 208	Intercom System :	Stentofon

Deep Sea Supply

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