

Technical Specification SEA OCELOT



DEEP SEA SUPPLY



IMO No.: 9387023
 ABS ID No.: 7172447
 MMSI : 212538000
 Call Sign : 9WNC5
 Official No.: 900032

MAIN DESCRIPTION		MEASUREMENT	
Type :	Khiam Chuang Q486	Lenght oa :	70.0 m
Classification :	ABS, +A1, Fire Fighting Vessel Class 1 Offshore Support Vessel AH, E, +AMS, +ACCU, +DPS-2	Lenght bpp :	66.80 m
Yard :	Jaya Shipbuilding & Engineering Pte.Ltd	Breath moulded :	16.80 m
Yard built No.:	H855	Depth moulded	7.50 m
Country built :	Singapore	Draught max:	6.10 m
Delivered :	2007	Correspondign DWT :	2149.6
Flag :	Malaysia	Gross tonnage GT :	2708
Port of registry :	Labuan	Net tonnage NT :	812
Owner :	Dess Labuan II Ltd.	Air draft @ 6,10 m EK:	26.60 m
		Speed svc/max.	12 / 14kts
		ISM-Responsible :	Deep Sea Supply Mgmt (S'pore) Pte Ltd

CARGO CAPACITY		DISCHARGE RATE	
Deck cargo:	800 mt	Loading / Discharging station :	two (one each side) 4" camlocks liquid / bulk
Deck area:	450 m ² (32 m x 14 m)	Fuel discharge rate :	200 m ³ /h @ 9 bar
Deck strength:	7.5 mt/m ²	Mud discharge rate :	2 x 75 m ³ /h x 24 bar
Fuel (gasoil) @ 98% :	1260 m ³	Drillwater discharge rate :	150 m ³ /h @ 9/2 bar
Liquid Mud :	490 m ³	Dry bulk discharge rate :	about 100 t/h @ 5.6 bar (80 psi) 2 x 20m3/min
Drillwater / Ballast :	510 m ³	Base Oil discharge rate :	61 m ³ /h @ 9 bar
Base Oil :	110 m ³	Fresh Water discharge rate :	120 m ³ /h @ 9 bar
Dry Bulk :	226 m ³ (4 x 2000ft ³)		
Fresh Water :	360 m ³		

MACHINERY / PROPULSION			
Main Engines :	2 x Wartsila 8L32, 4000 kW (5440BHP) @ 750 rpm	Bow Thrusters :	2 x Kawasaki KT-88B3, 680 kW, 10T thrust tunnel
Propulsion Aft :	2 x CPP	Stern Thruster :	1 x Kawasaki KT-88B3, 680 kW, 10T thrust tunnel
Rudders :	2 x Becker rudder, S-AA 2050/243 F2	Shaft Generators :	2 x Leroy Somer LSA 53 S75-4P, 2300 kW
Reduction Gearbox :		Diesel Generators :	2 x Caterpillar 3408 DITA / Stamford HCM 534D1, 410 kW
Total BHP :	10,880 BHP	Emergency Genset :	Caterpillar 3057T, 72 kW
Total Kw:	8000 kW	Shore Connection:	440V, 3 Phase, 60 Hz

PERFORMANCE / CONSUMPTION		ACCOMODATION	
Bollard Pull continuous :	120.3 MT	Cabins :	10 x 1 berth and 15 x 2 berths
Max Speed / Consumption:	14.0 knots @ 40 m ³ /day	Accommodation for maximum :	40 persons
Service Speed / Consumption:	12.0 knots @ 22 m ³ /day	Air conditioning system :	all cabins
Economical Speed / Consum	10.0 knots @ 18 m ³ /day	Mess / Dayroom :	1 mess / 1 dayroom
DP Standby Mode Consumpti	15 m ³ / day	Cool store / Freezer :	11.5 m ³ / 11.5 m ³
Port Consumption :	3 m ³ / day	Dry Provision :	15 m ³
		Hospital	1 x 1 berth

DECK / AHL EQUIPMENT

Windlass :	1 x Brattvaag 17 ts	Chain Lockers :	port 127 m ³ , starboard 137 m ³
Capstans :	2 x Brattvaag 10 tons @ 0-25 m/min	Wire spooling device :	for Anchor Handling Towing Winch only
Tugger Winches :	2 x Brattvaag 10 tons @ 0-24 m/min	Stern Roller :	4.5m x 2.3m/2.5m SWL 500 mt
Crane :	1 x North Pacific Crane MCT-1040, telescopic boom, 2.2 mt @ 12 m, 5.9 mt @ 6 m	Grappels for Chain :	4 Prong Grapnel 250 Ton SWL
Storage reel 1:	1 x Brattvaag Ø1000mm / Ø3000mm x 3300mm, 20 tons @ 0-16 m/min, capacity of 3500m / 76mm wire length	J Chaser :	250 Ton SWL
Storage reel 2:	1 x Brattvaag LAL13220130206307, Ø1000mm / Ø3000mm x (2000+500)mm, 20 tons @ 0-16 m/min, capacity of 2100m / 76mm wire length	Towing Wire :	1500 m of 76 mm
1 AH winch/ Towing winch :	1 x Brattvaag 300 ts pull / 450 ts brake, deductable towing drum/winch, Ø1050mm / Ø2850mm x 3500mm, capacity of 2000m / 76mm wire length &	Spare Tow Wire :	809 m of 76 mm
		Work Wire A/H :	1500 m of 76 mm
		Rig Chain Gypsis:	2 x 76mm + 1 x 84mm
		Shark Jaws	1 set Karmfork SWL300mt
		Tow Pins	2 x electro-hydraulic with flaps

RESCUE EQUIPMENT

Hospital :	Yes	Life jackets :	53 x Viking PV-9500
Fire Fighting equipment :	FiFi Class1	Survival Suits :	46 x Viking PS5006
MOB Boats:	1 x Narwhal SV 480, 6 man, 40HP Outboard	GMDSS VHF's :	3 x McMurdo R2
Rescue nets :	2 x rope nets	Radar transponders :	2 x McMurdo S4
Life rafts:	6 x Viking 25DK	Emergency Beacon:	1 x McMurdo E3A

NAVIGATION AND COMMUNICATION EQUIPMENT

DP :	Kongsberg Simrad / SDP-21	DGPS :	1 x Furuno GP-90
Radar 3 cm:	Furuno FR-2115 ARPA	Echo Sounder :	Furuno FE-700
Radar 10 cm:	Furuno FR- 2135S	Speed log :	Doppler Log Furuno DS-80
GMDSS Radio Console :	Furuno 250 w	AIS :	Furuno FA-100
Rack console :	RC- 1800T	Weather faximile :	Furuno FAX-207
Inmarsat-C SSAS :	Furuno Felcom-15V	Gyro:	C Plath Navigat X MK1
Inmarsat-C :	Furuno Felcom-15	Batteryless Telephone System :	Vingtor VSP
VHF radiotelephones :	3 x Furuno FM-8800S	PA/Talkback system :	Vingtor CTB-20
Navtex :	Furuno NX-700	Fleet 77 phone :	SAILOR Thrane & Thrane
Magnetic compass :	1 x C. Plath Reflecta 1	Mini-M phone :	SAILOR Thrane & Thrane
Autopilot:	Furuno Pilotstar D		