

Technical Specification SEA JAGUAR



DEEP SEA SUPPLY



IMO No.: 9369631
 ABS ID No.:
 MMSI : 212517000
 Call Sign : C4UA2

MAIN DESCRIPTION		MEASUREMENT	
Type :	Khiam Chuang Q486	Lenght oa :	75.40 m
Classification :	ABS, +A1, Fire Fighting Vessel Class 1 Offshore Support Vessel AH, E, +AMS, +ACCU, +DPS-2	Lenght bpp :	67.00 m
Yard :	Jaya Shipbuilding & Engineering Pte.Ltd	Breath moulded :	16.80 m
Yard built No.:	859	Depth moulded :	7.50 m
Country built :	Singapore	Draught max:	6.10 m
Delivered :	2007	Correspondign DWT :	2256
Flag :	Cyprus	Gross tonnage GT :	2952
Port of registry :	Limassol	Net tonnage NT :	885
Owner :	Dess Cyprus Limited	Air draft @ 6,10 m EK:	26.60 m
		Speed svc/max:	10.5 / 15.0 knt
		ISM-Responsible :	Thome Ship Management

CARGO CAPACITY		DISCHARGE RATE	
Deck cargo:	1000 mt	Loading / Discharging station :	two (one each side) 4" camlocks liquid / bulk
Deck area:	485 m ²	Fuel discharge rate :	200 m ³ /h @ 9 bar
Deck strength:	7.5 mt/m ²	Mud discharge rate :	75 m ³ /h x 24 bar
Fuel (gasoil) @ 98% :	1214 m ³	Drillwater discharge rate :	200/115 m ³ /h @ 9/2 bar
Liquid Mud :	561 m ³	Dry bulk discharge rate :	about 100 t/h @ 5.6 bar (80 psi)
Drillwater / Ballast :	512 m ³	Base Oil discharge rate :	61 m ³ /h @ 9 bar
Base Oil :	150 m ³	Fresh Water discharge rate :	150 m ³ /h @ 9 bar
Dry Bulk :	226 m ³		
Fresh Water :	505 m ³		

MACHINERY / PROPULSION			
Main Engines :	2 x Wartsila 12V32, 5520 kW @ 750 rpm	Bow Thrusters :	2 x Kawasaki KT-88B3, 680 kW
Propulsion Aft :	2 x Wartsila-Lips D/1059, 4000mm x 4 blades, CPP	Stern Thruster :	1 x Kawasaki KT-88B3, 680 kW
Rudders :	2 x 8.61 m ² /rudder	Shaft Generators :	2 x Leroy Somer LSA 53 S75-4P, 2300 kW
Reduction Gearbox :	2 x Wartsila SCH 95-P58	Diesel Generators :	2 x Caterpillar 3408 DITA / Stamford HCM 534D1, 370 kW
Total BHP :	15 000 BHP	Emergency Genset :	Caterpillar 3057T, 72 kW
Total Kw:	11040 Kw	Shore Connection:	440V, 3 Phase, 60 Hz

PERFORMANCE / CONSUMPTION		ACCOMODATION	
Bollard Pull continous :	177.64 MT	Cabins :	10 x 1 berth and 15 x 2 berths
Max Speed / Consumption:	15.0 knots @ 44 m ³ /day	Accomodation for maximum :	40 persons
Service Speed / Consumption:	12.0 knots @ 22 m ³ /day	Air conditioning system :	all cabins
Economical Speed / Consumption:	10.0 knots @ 18 m ³ /day	Mess / Dayroom :	1 mess / 1 dayroom
DP Standby Mode Consumption:	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

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 17 tons @ 0-21 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	Grapnels for Chain :	4 Prong Grapnel 250 Ton SWL
		J Chaser :	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	Towing Wire :	1500 m of 76 mm
		Spare Tow Wire :	809 m of 76 mm
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	Work Wire A/H :	
1 AH winch and 1 Towing winch :	1 x Brattvaag 350 ts pull / 450 ts break, deductable towing drum/winch, Ø1050mm / Ø2850mm x 3500mm, capacity of 3500m / 76mm wire length & 1 x Brattvaag 350 ts pull / 450 ts break, deductable AH drum/winch, Ø1050mm / Ø2850mm x 3500mm, capacity of 3500m x 76mm wire length		
Rig Chain Gypsis:	1 x 76mm + 1 x 84mm		

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	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	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:	Sperry
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		