

Technical Specification SEA CHEETAH



DEEP SEA SUPPLY



IMO no: 9369629
 ABS id no : 168805
 MMSI : 210 465 000
 Call Sign : C4SE2

MAIN DESCRIPTION	MEASUREMENT
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Type :	Khiam Chuang Q486	Lenght oa :	75,40 m
Classification :	ABS +A1E Offshore Support Vessel,	Lenght bpp :	67,16 m
	AH,Towing Vessel, FiFi class 1,	Breath moulded :	16.80 m
	+AMS, +DPS-2, ACCU	Depth moulded	7,50 m
Yard :	Jaya Shipbuilding & Engineering	Draught max :	6.10 m
Yard build no :	858	Gross tonnage GT :	2952
Place built :	Singapore	Correspondign DWT :	2301
Delivered :	2007	Net tonnage NT :	885
Flag :	Cyprus	Air draft at 6,10 m EK:	26,60 m
Port of registry :	Limassol	Speed svc/max.	15 knots
Owner :	Dess Cyprus LTD	ISM-Responsible :	Thome Ship Management

CARGO CAPACITY	DISCHARGE RATE
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Deck cargo:	1000 t	Loading/Discharge station :	liquids 4 / buk 5" camlock
Deck area:	485 m 2	Fuel discharge rate :	200 m3/h
Deck strength:	7,5 t/m2	Mud discharge rate :	75m3/h x 24 bar
Fuel (gasoil) :	1210 m3	Drillwater discharge rate :	200/115 m3/h x 9/2 bar
Liquid Mud :	561 m3	Dry bulk discharge rate :	abt 100 ts/hr, 5,6 bar, (80 psi)
Drillwater/Ballast :	512 m3	Base Oil discharge rate :	61 m3/h x9 bar
Base Oil :	150 m3	Fresh Water discharge rate :	150 m3/h x 9 bar
Dry Bulk :	226 m3		
Fresh Water :	493 m3		

MACHINERY / PROPULSION			
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Main Engine set 1 :	2x 5.520 kW each at 750 rpm	Stern Thruster :	1x K-88B3, 680 kW
Propulsion Aft:	2x 4D1000 LIPS CPP	Generators :	2x LSA 53 S75-4P 2300 Kw
Rudders :	2x 8.61 m2/rudder	Diesel Generators :	2x 370 kW
Total BHP :	15 000 BHP	Emergency Generator :	1 x 76 kw
Total Kw :	11 040 k2	Shore Connection:	440V,3 Phase, 60 Hz
Bow Thruster:	2x K-88B3, 680 kW		

PERFORMANCE / CONSUMPTION**ACCOMODATION**

Bollard Pull continous : 176,9 ts
 Max Speed/Consumption : 15 kts / 44 m3 / day
 Service Speed / Consumption: 12 kts / 22 m3 / day
 Economical Speed/Consumtion : 10 kts / 18 m3 / day
 DP Standby Mode : 15 m3
 Port Consumption : 3 m3

Cabins/Beds : 10 x 1 + 15 x 2
 Crew/Passengers : 40
 Air conditioning system: All cabins
 Mess/Dayroom : 1 mess / 1 dayroom
 Cool store/Freezer : 11,5 m3 / 11,5 m3
 Dry Provision : 15 m3

DECK / AHL EQUIPMENT

Tugger Winch : 2 x Brattvaag 17 ts
 Deck crane: 2.2 ts / 12m - 5,9 ts / 6m telescope
 Windlass: 1 x Brattvaag 17 ts
 Capstans: 2 x Brattvaag 2 ts
 Anker Handling/Tow Winch : 350 ts Pull / 450 ts Break
 Dim: AH winch drum/flange/l 1050/2850/3500mm. 3500m / 76mm.
 Dim: Tow winch drum/flange/l 1060/2850/3500mm. 3500m / 76mm.
 Storage Reel 1: 1000/3000/3300mm. 3500m / 76mm.
 Storage Reel 2: 1000/3000/2000+500mm. 2100m/76mm.
 Rig Chain Gipsies : 1 x 76 + 1 x 84 mm

Chain Lockers: Port 127 m3 + Starboard 137m3
 Towing Wire : 1500 m of 76 mm
 Spare Tow Wire : 1500 m of 76 mm
 Work Wire A/H : 800 m of 76 mm
 Grapnels for Chain : 1 x 250 ts SWL
 Forged J Chaser : 1 x 250 ts SWL
 Spooling device: Yes on AH/Towing drum
 Shark Jaws : 1 x Karm forks 650 ts SWL
 Towing Pins: 2 x 300 mt SWL
 Stern Roller: 4.5m x 2.3m/2.5m SWL 500 mt

RESCUE EQUIPMENT

Hospital : Yes
 Fire Fighting equipment : FiFi Class 1
 MOB Boats: 1 X Narwahl SV 480 - 6 persons
 Radar transponders : 2 x McMurdo S4 Rescue SART
 Emergency Beacon: 1 x McMurdo E3A

GMDSS VHF' s: 3 x McMurdo R2
 Survival Suits : 44
 Life jackets : 53
 Life rafts: 6 Solaas each 25
 Rescue nets: 2 x rope nets

NAVIGATION AND COMMUNICATION EQUIPMENT

DP System (class 2): Kongsberg SDP 21 AUTR
 HPR reference: Kongsberg HiPAP 500
 DGPS reference: 2 x Kongsberg Seatex DPS 116
 DP reference: Fanbeam, MDL
 Radar 3 cm: Furuno FR-2115
 Radar 10 cm: Furuno FR-21-2135s
 Gyro: 3 x Sperry C-Plath
 Autopilot: Pilotstar D
 Navtex : Furuno NX-700
 Joystick : Kongsberg C-Joy
 AIS: Furuno FA-100
 Echo Sounder : Furuno FE- 700
 Speed log : Furuno Doppler Log DS-80
 Satellite Navigator (GPS) Furuno GP-90
 Wind sensors: 2 x Kongsberg OMC

Wind Sensor 2 x Kongsberg OMC
 GMDSS Sea Area: GMDSS- GOC certicates
 MF/HF Radio : Furuno FS 2570C
 DSC Receiver : Furuno FS 2570C
 VHF 1 : Furuno FM-8800s
 VHF 2: Furuno FM-8800s
 VHF 3 : 3 units Mcmurdo
 UHF : N/A
 Portabel UHF : 6 units
 Mobil Telephone : Yes
 Iridium : Furuno Felcom - 15v
 Sat C : Furuno Falcom 15v
 Mini-M: Thrane & Thrane, Sailor
 Intercom System: Vingtor