

# Technical Specification SEA EAGLE 1



**DEEP SEA SUPPLY**



IMO no: 949480  
 ABS id no : 9182570  
 MMSI : 212 041 000  
 Call Sign : 5BVJ2

MAIN DESCRIPTION	MEASUREMENT
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Type :	Kham Chuan Q486	Lenght oa :	75,40 m
Classification :	A1E Offshore Support Vessel AH	Lenght bpp :	67.16 m
	FIFI 1+AMS + DPS2 +ACCU	Breath moulded :	16,80 m
Yard :	Jaya Shipbuilding & Eng.	Depth moulded :	7,50 m
Yard built no :	878	Draught max :	6,10 m
Place built :	Singapore	Gross tonnage GT :	2952
Country built :	Singapore	Correspondign DWT :	2100
Delivered :	2009	Net tonnage NT :	885
Flag :	Cyprus	Air draft at 6,50 mt EK:	25,95
Port of registry :	Limassol	Speed svc/max.	12 /15 Knot
Owner :	DESS Sea Eagle Ltd	ISM-Responsible :	Thome Ship Management

CARGO CAPACITY	DISCHARGE RATE
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Deck cargo:	800 t	Loading/Discharge station :	Aft / Stabord and port Mid.Ship
Deck area:	600 m2	Fuel discharge rate :	1 x 200 m3/h @ 9 bar
Deck strength:	7,5 t/m2	Mud discharge rate :	2 x 107 m3/h @ 5 bar
Fuel (gasoil) :	1230 m3	Drillwater discharge rate :	1 x 200 m3/h @ 9 bar
Liquid Mud :	560 m3	Dry bulk discharge rate :	2 x 20 m3/min @ 80 psi
Drillwater/Ballast :	510 M3	Base Oil discharge rate :	1 x 61 m3/h @ 9 bar
Base Oil :	140 m3	Fresh Water discharge rate :	1 x 150m 3/h @ 9 bar
Dry Bulk :	226 m3 (4 x 2000 ft3)		
Fresh Water :	490 m3		
Foam Tank	10 m3 /10 m3		

MACHINERY / PROPULSION			
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Main Engine set 1 :	1 x 4500 kw (6120 BHP)@ 750 rpm	Stern Thruster :	1 x 680 kw
Main Engine set 2 :	1 x 4500 kw (6120 BHP)@ 750 rpm	Generators :	2 x 2300 kW
Propulsion Aft:	2 x Wartsila-Lips CCP	Diesel Generators :	2 x 410 kw @1800 rpm
Rudders :	2 x Becker Rudder S-A 2050/253 F2	Emergency Generator :	1 x 60 ekw @ 1800 rpm
Total BHP :	12240	Shore Connection:	440V 3 Phase 60 Hz
Total Kw :	9000		
Bow Thruster:	2 x 680 kw		

**PERFORMANCE / CONSUMPTION****ACCOMODATION**

Bollard Pull max :	151	Cabins/Beds :	10 x 1 berth + 15 x 2 berth
Bollard Pull cntinuous :	151	Accomodation max	40 persons
Max Speed/Consumption :	15,0 kn @ 44 m3/day	Mess/Dayroom :	1 mess/1 dayroom
Service Speed/Consumtion:	12,0 kn @ 22 m3/day	Cool store/Freezer :	11,5 m3/11,5 m3
Economical Speep/Consumtion :	10,0 kn @ 18 m3/day	Dry Provision :	15 m3
DP Standby consumption	5 m3/day	Air condition	All cabins
Port Consumption :	2 m3/day		

**DECK / AHL EQUIPMENT**

Tugger Winches :	2 x Brattvaag 10 tons	Shark Jaws :	2 x 300 karm fork
Crane 1 :	1x5,6 tn @ 6m/2,2 tn at 12,2 m	Towing Wire :	1500m of 76 mm
Windlass:	2 x Brattvaag 17 tons	Spare Tow Wire :	1500m of 76 mm
Capstans:	2 x Brattvaag 10 tons	Work Wire A/H :	800m of 76 mm
Anker Handling/Tow Winch :	1 x Brattvaag 300 ts pull/450 break & 1 x Brattvaag 300 ts pull/450 break	Grapnels for Chain :	4 Prong Grapnel 250 ton SWL
Rope reels:	6,7 tn suit for 2000m 76mm wire 6,7 tn suit for 2000m 76mm wire	Forged J Chaser :	250 ton SWL
Rig Chain Gipsies :	2 x 90 mm chain size	Wire spooling	Anker Handling/Tow Winch
Chain Lockers :	162,88 m3 / 176,43 m3		
Towing pins:	2 x karm fork		
Stern Roller :	4,5 m x 2,3 m diam SWL 500 t		

**RESCUE EQUIPMENT**

Hospital :	yes	GMDSS	A3
Fire Fighting equipment :	FiFi Class 1	Survival Suits :	58 x IMPERIAL
MOB Boats:	1 x Narwhal SV 480	Life jackets :	63 x Viking PV-9500
Radar transponders :	2 x Mc Murdo	Life rafts:	6 x Viking 25DK
Emergency Beacon:	1 x Mc Murdo		

**AND COMMUNICATION EQUIPMENT**

Radar 3 cm:	Furuno FR-2115	GMDSS Sea Area:	A3
Radar 10 cm:	Furuno FR-2135S	MF/HF Radio :	Furuno RC-1800T
Radar Slave :	1 conn.FR-2135S	DSC Receiver :	FS 2570
Direction Finder :	2 X ARP26	VHF 1 :	Furuno FN-8800S
Gyro:	C Plath Navigat	VHF 2:	Furuno FN-8800S
Autopilot:	Anschuetz pilot star D	VHF 3 :	
Chart Plotter :		UHF :	N/A
Navtex :	Furuno NX-700	Portabel UHF :	N/A
Joystick :	Kongsberg C-joy	Mobil Telephone :	NOKIA
AIS :	Furuno FA-100	Iridium :	N /A
Echo Sounder :	Furuno FE-700	Mini-M :	N/A
Speed log :	Doppler log Furuno DS-80	Sat C 1 :	1x Furuno Felcom 15
Satellite Navigator (GPS)	Furuno GP-150	V Sat :	Shipequip
Wind Sensors:	yes	Intercom System :	Yes
DP	Kongsberg DP2		