



### 16000KW船舶资料 VESSEL SPECIFICATION OF 16000KW

船名 Name of ship	德深 DESHEN		
船东 Owner	Shanghai Salvage Company		
公司地址 Owner address	No.1426 Yangshupu Road, Shanghai, China		
建造年月 Date of Build	2012.10.18(龙骨安放)		
建造船厂 Shipbuilder	武昌造船厂 / WUCHANG SHIPYARD, CHINA		
呼号 Call Sign	BSTI		
国籍 Nationality	中国 / China		
船籍港 Port of Registry	上海 / Shanghai		
船级 Classification	China Classification Society, offshore tug/supply ship, Fire fighting ship 1, Water Spraying, In-Water Survey, PSPC. Ice class B2, AUT-0, DP-2.		
船舶登记号 Registered No.	010014000062		
海上移动识别码 MMSI No.	CN20122855353		
IMO 编号 IMO No	9693446		
船舶种类 Kind of Ship	多用途远洋拖轮 / Multi-purpose Ocean-going TUG		
总吨位 Gross Tonnage	4730		
净吨位 Net Tonnage	1703		
航区 Sailing Area	World-wide		
两柱间长 Length BP	80.00 m		
船舶主尺度 Principal Dimensions	LOA (m) / B (m) / D (m) : 90.0 m / 20.0 m / 8.8 m		
吃水(艏/舃) Draft (Fore/Aft)	满载 Full	7.2 m	
	空载 Light	5.6 m	
主机功率 Power of Main Engines	4000 KW x 4 (total: 16000 kw)		
系柱拖力 Bollard Pull	287.9 MT		
满载排水量	9200.35MT	空载排水量	4644.7MT
<b>船舶通信资料 SHIP COMMUNICATION DETAILS</b>			
TEL No.	773251373		
FAX No.	783256332		
E-mail address	<a href="mailto:master.deshen@amosconnect.com">master.deshen@amosconnect.com</a>		

Satcom-C Tlx no.	441221036	
<b>艙容 TANK CAPACITY</b>		
Fuel Oil	3380 m3	
Diesel Oil	350 m3	
Lube Oil	110 m3	
Fresh Water	365 m3	
Ballast Water	2470 m3	
Liquid Mud	542 m3	
<b>供油水 LIQUID TRANSFER RATES</b>		
Water	pressure:8 bar capacity:100 m3/hr	
Oil	pressure:10 bar capacity:108 m3/hr	
<b>机械设备 MACHINERY</b>		
Main Engines	Type	Wartsila 8L32
	Maker	Wartsila
	Rated output/rpm	4000 kw x 4 sets, 750 r/min
Generators	Type: DAIHATSU 6DE-18, 3 sets, Rated capacity:400kw (500 KVA) , rpm:750r/min, Phases & Freq.:400v, 3, 50 Hz,	
Shaft Generators	Type: AVK DSG86 LI-4 ,2 sets Rated capacity:1990.4 kW (2488 KVA) , Phase & Freq.:400v, 3, 50Hz	
Emergency Generator	Type: CCFJ 90YDM, 90kw, 1500r/min Rated capacity: 112.5 KVA , Phase.& Freq.: 400V,3, 50Hz	
Emergency Fire pump	Maker & Type:JiangShu ZhengHua PUMP, 80CLZ-5.5 Capacity & Pressure: 36 m3/h ; 55m, 2950rpm,18.5kw.	
Main Engine Air Compressor	Type:HD45.1.2.00.01.10.23 1500 rpm, 30 bar,2 sets, Maker: NK GERMANY Capacity: 75 m3 /hr, Delivery pressure: 3 Mpa	
Propellers	Model:Wartsila Lips 4E1190, Propeller Dia.& rev.: 4300 mm, 141.3 rpm, MCR:8000kw	
Steering gear	Rolls Royce SR722FCP, 2 sets ,	
Bow thruster	2 set ,Maker & Type: Brunvoll FU-74-LTC-2000-1010kW,& FU-63-LTC-1750-830kW, Output & Thrust: 1010kw, 16T & 830kw,12T.	
Stern thruster	1 set ,Maker & Type: Brunvoll FU-63-LTC-1750-830kW, Output & Thrust: 830kw, 12T	
DP2 & J-stick	Navis NavDP 4000, NAVIS ENGINEERING OY.	
<b>拖航设备 TOWING/ANCHOR HANDLING EQUIPMENTS</b>		
Towing/Anchor handling winch	Type: ZICOM DCK001214AHTW-400, capacity: 400 ton, Rated speed: 5-36 m/min, Drum: 2 pcs , Maker:ZICOM PRTVATE LIMITED SINGAPORE	
Tow wire	① Dia. 80 mm x 1700 metres, ② Dia. 80 mm x 1700 metres ③ Dia. 80 mm x 1700 metres (on spare storage drum)	

Shark Jaw	Type: ZICOM DCK001214HSJ-570, Capacity: 570tons Maker: ZICOM PRTVATE LIMITED SINGAPORE
Towing Pins	Type: ZICOM DCK001214HTP-300, Capacity: 300 tons Maker: ZICOM PRTVATE LIMITED SINGAPORE
Open stern roller	2400mm x5400mm, 6500kn.
<b>甲板设备 DECK EQUIPMENTS</b>	
Anchor	Type: Spek 3780 Kg x3,(one for spare)
Anchor Chain	Dia.: 50mm, Grade: AM3, Length: 27.5m x 15 shackles x 2, Maker: Wuhan Jiang Nan Anchor Co.Ltd, China
Windlass	Type: ZICOM DCK001214HWWL-50-U3-20-L/R, Winding Load: 202 KN Winding speed: 0-12 m/min, Maker: ZICOM PRTVATE LIMITED SINGAPORE
Tugger winch	2 sets, Type: ZICOM DCK001214HWW-25-L/R, Winding load: 20/25 tons, Winding speed: 20 m/min, Maker: ZICOM PRTVATE LIMITED SINGAPORE
Capstan	2 sets, Type: ZICOM DCK001214HWW-25-L/R, Winding load: 10 tons Winding speed: 20 m/min, Maker: ZICOM PRTVATE LIMITED SINGAPORE
Deck Crane	Type: YQZ1600-10t-8m(5t-14m); HTFTC2-10(滑轨移动、液压折叠伸缩式起重机) SWL: 8m-10T, 8-14m-5T, Maker:HuaNan 10M-2T ,ZhengJiang.
<b>通导设备 NAVIGATION/COMMUNICATION EQUIPMENTS</b>	
Gyro Compass	Type: STANDARD 22 , Maker: Raytheon Anschutz GmbH
Auto Pilot	Type: ANSCHUETZ Digital Autopilot NP2015,Maker: Raytheon Marine GmbH
Echo Sounder	Type: JFE-380 , Maker: JRC
Radar	Type: FURUNO FAR-2827-D with ARPA Type: FURUNO FAR-2837S-D with ARPA
Speed Log	Type: FURUNO DS-80
Weather Facsimile Receiver	Type: JRC JAX-9B
NAVTEX receiver	Type: JRC NCR-333
DGPS	Type: JRC-JLR-7800, 2 sets
ECDIS	Type:ANSCHUETZ,950-009.NG/SA...
AIS	Type: FURUNO FA-150
SSAS	Maker & Type: FURUNO, FELCOM 15,
S-VDR	Maker & Type: FURUNO, VR-3000
Satcom-F	Maker & Type: FURUNO ,FELCOM - 500
Satcom-C	Maker & Type: FURUNO FELCOM15
SART	Maker & Type: MCMURDO 9GHz SART / S4 x 2sets
MF/HF Transceiver with DSC	Maker & Type: FURUNO FS-5075
VHF Radio with DSC	Maker & Type: FURUNO FM-8800S
406MHz S-EPIRB	Maker & Type: MCMURDO, E5
<b>救生及消防设备 LIFE-SAVING &amp; FIRE-FIGHTING EQUIPMENTS</b>	
rescue boat	ZG27/4.3, 6 p x 1 set, high speed(24kts).
Life raft	20 p x 6 sets
Rubber work-boat	Capacity 7 p, 4.23m x 1.9m, Engine YAMAHA 50 HP

Fire Pump	Type:SSCXB300-250, Capacity:1800m3/h, 2 sets, Power: 986 kw (run by M/E), RPM: 1800, Maker: NANJING XINCHENG AIERKE FIRE EQUIPMENT CO.,LTD
Yokohama Fender	Dia x Length: 1.5m x 2.5m, 2pcs
Clear deck space: 48 M x 16.8 M = 805 M2, Deck Strength: 5 tons/m2, Crash Rail: 1.6/2.6 metres height Deck Cargo capacity: 1000 Mtons	
<b>铺位 ACCOMMODATION</b>	
Quarters: 2 berth x 22 + 1 berth x 4 , total 48 berths Hospital: 1	

Vertical line