



德淞轮船资料 VESSEL SPECIFICATION OF DE SONG

常规 GENERAL		
船名 Name of ship	德淞 / DE SONG	
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	1987-12-07	
建造船厂 Shipbuilder	Szczecin Shipyard, Poland	
呼号 Call Sign	BSCZ	
国籍 Nationality	中国 / China	
船籍港 Port of Registry	上海 / Shanghai	
船级 Classification	China Classification Society ,★ CSA, Ice class B, ★ CSM	
船舶登记号 Registered No.	87Y4068	
海上移动识别码 MMSI No.	413104000	
IMO 编号 IMO No	8418461	
船舶种类 Kind of Ship	多用途拖轮 / Rescue,Supply,Anchor-handling Tug	
总吨位 Gross Tonnage	2723	
净吨位 Net Tonnage	817	
航区 Sailing Area	World-wide	
两柱间长 Length BP	71.45 m	
船舶主尺度 Principal Dimensions	LOA (81.37m) / B (15.96m) / D (7.2m)	
吃水(艏/艉) Draft (Fore/Aft)	满载 Full	4.50m / 4.90 m
	空载 Light	4.20m / 4.50 m
主机功率 Power of Main Engines	2650kw x 2 (total: 5300kw,7200BHP)	
续航力 Endurance		

系柱拖力 Bollard Pull	81Tons	
船舶通信资料 SHIP COMMUNICATION DETAILS		
卫通FB站 Sailor		
TEL No.	870-773121711	
FAX No.	870-783122372	
E-mail address	desong@coes.bjles.net	
Satcom-C Tlx no.	441310410	
舱容TANK CAPACITY		
Fuel Oil	543 m3	
Diesel Oil	450 m3	
M/E Lube Oil	26.8 m3	
A/E Lube Oil	3.5 m3	
Fresh Water	274.2 m3	
Ballast Water	300.8 m3	
Cement tank	152 m3	
供油水 LIQUID TRANSFER RATES		
Water	pressure:6bar capacity:100 m3/hr	
Oil	pressure:6bar capacity:68 m3/hr	
机械设备 MACHINERY		
Main Engines	Type	SULZER 6ZL 40/48
	Maker	ZGODA Swietochlowice
	Rated output	2650kw x 2 sets;3600HP x 2 sets
Aux. Engines	Type	SULZER 6AL 20/24
	maker	H.Cegielski poznan-sulzer
	Rated output	420KW x 3 sets 570HP x 3 sets
Generators	TYPE:GD8-500-50/06 X 3 sets, Maker:Poland,Rated capacity:400KW, Rated volt.& cur:400V 720A,Phase&Freq:3,50Hz	
Shaft Generators	None	
Emergency Generator	TYPE:GCH 1140/4,Maker:Nowotko mechanical works,Warsaw,Rated output:100KW,Rated volt.&freq:400V 50Hz	
Emergency Fire pump	TYPE:63WL65T50,Capacity:63M3/65M,Maker:GZUT,Gliwice	
Main Engine Air Compressor	TYPE:SF2-125,Maker:Ceaielski-ponan,Capacity:127M3/h	
Propellers	TYPE:PH1050/4-R135,Description:controlled pitch propeller,4 blades,Φ3000MM,Boss dia:1050MM,Nominal speed:220rpm	
Rudders	2 x streamlined semi-balanced hanging rudders	
Steering gear	Hydraulic,2 sets,TYPE:MS125/125-1-S1/2,Maker:Poland	

Bow thruster	(1)TYPE:N1.6-370,Propeller dia:1500MM x 4 blades,power&thrust:370kw,5t (2)TYPE:TT1300-CP,Power&thrust:375KW,60KN
Stern thruster	None
拖航设备 TOWING /ANCHOR HANDLING EQUIPMENTS	
Towing/Anchor handling winch	Type: Hydraulic HD150A 0202, Rated speed: 9.9 m/min, Drum: 2 pcs ,
Wildcat (cable lifter)	Fitted outside of the anchor handling drum
Tow wire	① Dia. 60 mm x 1000 metres, ② Dia. 60 mm x 1000 metres
Chain Locker	152.4 cubic metres
Shark Jaw	Type: 130555, Capacity: 300 tons Maker: Karm Fork,Hanyuan Tsc Gmbh
Towing Pins	Type: 130555, Capacity: 160 tons Maker: Karm Towing Pins,Hanyuan Tsc Gmbh
Open stern roller	4.0M x dia 1.6M
甲板设备 DECK EQUIPMENTS	
Anchor	Type: Spek , 2 x 2460 kg /each, Maker: China Jiangsu
Anchor Chain	Dia.: 42mm, Grade: AM2, Length: 27.5m x 18 shackles x 2, Maker: Zhen jiang, China
Windlass	Type: Electric WKS 4, Winding Load: 15 tons Winding speed: 17.5 m/min, Maker:Poland
Tugger winch	1 sets, Type: Electeic up50BL083, Winding load: 10 tons, Winding speed: 25 m/min, Maker: Poland
Capstan	2 sets, Type: Electric ZA8080, Winding load: 5 tons Winding speed: 15 m/min, Maker:Poland
Deck Crane	Type: YQZ 5t/12m 液压折臂起重机
通导设备 NAVIGATION/COMMUNICATION EQUIPMENTS	
Gyro Compass	Type: Russian
Auto Pilot	Type: Russian
Echo Sounder	Type: Russian
Radar	Type: FR-2125,X-band,out put 25KW
	Type: F2115,X-band,out put 12KW
Speed Log	Maker & Type: Shanghai MCDL-1A
Weather Facsimile Receiver	Type: FURUNO.FAX-408
NAVTEX receiver	Type: NX-500
DGPS	Type: FURUNO GP-150
ECDIS	Type: None
AIS	Type: SEATEX AIS-100
SSAS	Maker & Type: FURUNO, FELCOM 16
S-VDR	Marker & Type:None
Satcom-F	Maker & Type: Thrane&Thrane, SAILOR
Satcom-C	Maker & Type: JRC, JUE-75C

SART	Maker & Type: MARTEC SERPE-LESM
MF/HF Transceiver with DSC	Maker & Type: JRC, JSS-800
VHF Radio with DSC	Maker & Type: JRC, JHS-32A
406MHz S-EPIRB	Maker & Type: TYUN40S 121.5MHz / 406.025MHz
Joystick	Type:None
救生、消防设备 LIFE-SAVING & FIRE-FIGHTING EQUIPMENTS	
Rescue boat	LxBxD:6.50 x 2.36 x 0.86 M 6P
Life raft	20P X 3; 10P X 3
Rubber work-boat	None
Main Fire Pump	TYPE:QVK-5/300 2 sets 300M ³ /h range:60M, Monitors:4 sets Controlled inside wheelhouse & top deck
Fire Pump	TYPE:63WSA25M506 63M ³ /h Range:65M
Foam Monitor	None
Yokohama Fender	None
甲板面积及载重 DECK CAPACITIES	
Clear deck space: 350 m ² , Clear Deck Dimension: 31 x 11.4 metres Deck Strength: 5 tons/m ² , Crash Rail: 1.5 metres height	
铺位 ACCOMMODATION	
Quarters: 16 x 1 berth + 2 x 3 berth + 1 x 4 berth, total 26 berths	

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