



## VESSEL SPECIFICATION

船舶技术说明

M/V HUATENG

华腾

9,792BHP AHTS

### REGISTRATION 船舶登记

- Flag 船旗国: China
- Home Port 船籍港: Shanghai
- Builder 建造厂: Shanghai Donghai Shipyard, Shanghai, China
- Year Built 建造年份: 2001
- Date of Delivery 出厂时间: July 2002
- Classification 船级社: CSA 5/5 Tug Offshore Supply Ship, Rescue Ship, Stand-By Ship, FIFI I, Ice Class B  
CSM AUT-0
- Call Sign 呼号: BTOY
- Inmarsat-C No. C 站号码: 441224515
- Inmarsat-C No. C 站号码: 441267711
- Sailing Area 航行区域: World-wide
- Official No.: 140008000131

### DIMENSIONS 船舶尺度

- Length Overall 总长: 67.20 M
- Length BP 两柱间长: 57.20 M
- Breadth Moulded 型宽: 14.00 M
- Depth Moulded 型深: 6.9 M
- Design Draught 设计吃水: 5.10 M
- Draught Loaded 满载吃水: 5.70 M
- Displacement 满载排水量: 3505.3 Tons
- Light Displacement 空载排水量: 1853.181 Tons

### TONNAGE 吨位

- Gross Tonnage 总吨: 1793
- Net Tonnage 净吨: 537
- Dead Weight 净载重吨: 1652 Tons

### DECK CAPACITIES 甲板能力

- Deck Area (Clear) 甲板面积:  $410.4 \text{ M}^2 + 64 \text{ M}^2 = 418 \text{ M}^2$
- Deck Cargo 可载甲板货物: 600 M/T
- Deck Strength 甲板受力:  $5 \text{ T/M}^2$  Aft A/H  $10 \text{ T/M}^2$

### DECK EQUIPMENT 甲板设备

- Anchor 锚: 2 x stockless Anchors 2100 Kg, 1 x spare anchor
- Anchor/Windlass 锚机: 1 x Brattvaag Windlass/towing-LBFMG 41036  
110Kn-13m/min 2kn-45m/min

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- Tugger Winch 甲板绞车: 2 x Brattvaag tugger winchs-WM4110  
110KN pull 0-13.5m/min Slac rope 0-51.3m/min
- Capstan 立式绞盘: 2 x Brattvaag –CM4185  
110KN pull 0-145m/min, Light line 0-18m/min
- Rope Reel 卷绳车: 2 x Brattvaag-ALM41006  
62Kn pull 0-25m/min, Light line 0-93m/min  
Drum wire cap. Dia 64min x 1200m
- Crane 吊机: 1 x 5 Tons - 2.5 Tons/8m-14m, Hydraulic
- Shark Jaw 鲨鱼牙: 1 x TRIPLEX H-350, 350 Tons SWL
- Towing Pin 拖航销: 2 x TRIPLEX Guide pins-200, 300Tons SWL
- Stern Roller 尾滚筒: Dia. 1800mm x 4000mm, 350 Tons SWL

### TOWING/ANCHOR HANDLING 拖航/起抛锚设备

- Winch 拖缆机: 1 x Brattvaag, SL200w-B2T  
210 Tons stalling pull  
200 Tons pull 0-5.5m/min, 12 Tons pull 0-36.6 m/min  
Max Brake load: 300 Tons
- Wire line 拖缆: Dia. 64mm x 1000m
- Spare Wire Lind 备用缆: Dia. 64mm x 1000m
- Chain Locker 锚链舱: 87.318 M<sup>3</sup>

### TANK CAPACITY 舱容

- Fuel oil 燃油: 579.57 M<sup>3</sup>
- P. Water 饮用水: 409.06M<sup>3</sup>
- D. Water 钻井水: 407.8M<sup>3</sup> (Some Portion of D.Water tank can be used as P.water )
- Lube Oil 滑油: 28.78M<sup>3</sup>
- Bulk 散货: 4 Tanks, 42 M<sup>3</sup> each. Total 168M<sup>3</sup>
- Liquid Mud 泥浆舱: Total 298.5 M<sup>3</sup> , 2 x 83.97 M<sup>3</sup> , 2 x 65.28M<sup>3</sup>

### TRANSFER RATES 传输速率

- Fuel oil 燃油: 7.0 Bar 150 M<sup>3</sup>/hr
- P. Water 饮用水: 7.0 Bar 150 M<sup>3</sup>/hr
- D. Water 钻井水: 7.0 Bar 150 M<sup>3</sup>/hr
- Bulk 散货: 5.6 Bar 80 M<sup>3</sup>/hr
- Liquid Mud 泥浆舱: 1.2 MBar 100 M<sup>3</sup>/hr

### MACHINERY 船舶机械

- Main Engine 主机: 2 x DEUTZ SBV 16M628
- Horse Power 马力: 2 x 3600 KW, totally 9,792 BHP
- Bollard Pull 系柱拖力: 103Tons
- Propeller 螺旋桨: 2 x CPP Propellers in Kort Nozzles, Kamewa, Ulstain (可调螺距)
- Generator 发电机: 2 x CATERPILLAR 3412 405 KW
- Shaft Generator 轴带发电机: 2 x 960 KW, AVK, Germany

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- Bow Thrusters 首侧推: 1 x 650 KW, thrust 11 tons, Ulstain150
- Stern Thruster 尾侧推: 1 x 550 KW, thrust 8 tons, Ulstain150
- Joystick 操纵杆: ulstin poscon p466

### **SPEED AND CONSUMPTION 速度与油耗**

- Maximum 最大航速及油耗: 16.3 knots 32 Tons/24hrs (185g / kwhr)
- Economical 经济航速及油耗: 12 Knots 12 Tons/24hrs
- In Port 在港油耗: 0.6 Tons/24hrs

### **NAVIGATION/COMMUNICATION 航海 / 通讯设备**

- Gyro Compass 电罗经: 1 x ANSCHUTZ STANDARD 22
- Magnetic Compass 磁罗经: SONDE 108-011 ANSCHUTZ
- Auto Pilot 自动舵: 1 x ANSCHUTZ PILOTSTARD
- Echo Sounder 测深仪: 1 x SKIPPER ED162
- Log 航程仪: 1 x UNISUP MCDL-1
- SSB 单边带: 1 x SKANTI SCAN BRIDGE 1501(500W)
- GPS 全球定位系统: 1 x GP80
- Inmarsat-B: 1 x STANTI BTU9900C
- Inmarsat-C: 1 x SKANTI SCAN BRIDGE 1501
- Fax 传真: 1 X FAX-600650334
- Navitex Receiver 航警接收仪: 1 x FURUNO NX-500
- VHF 甚高频: 2 x SKANTI VHF 1000
- Watch Receiver 值班机: 1 x FURUNO AA-50
- Weather Fax 气象传真: 1 x RURUNO 208MK2
- Portable VHF 手提甚高频: 2 x FURUNO FM-8
- Radar Transponder 雷达应答器: 2 x FURUNO IESM
- Radar 雷达: 2 x TOKIMEC BR2520C-X27/FAR-28-
- EPIRB 应急示位标: 1 x KANNAD 406WH
- Auto NAV Server 自动航行服务器: 1 x AUTONAV MULTI CONTROL
- CCTV 视频监控系統: Yes

### **SAFETY EQUIPMENT 安全设备**

- Ring Buoys 救生圈: 10
- Life Jackets 救生衣: 150
- Life Raft 救生筏: 6 x 20 persons
- Proof Jacket 防寒衣: 39
- Rescue Boat 救生艇: 2 x MOB-boat 232BHP WATER JET  
Propulsion>30Knots
- Rescue Net 救生网: Main deck with scrambling net
- Rescue Basket 救生吊篮: 1
- Rescue Zones 救生区: on both port & starboard sides

### **ACCOMMODATION 生活区**

- Crew Quarters 船员住舱: 11 single berth + 6 x 2 berths
- Passengers Berth 乘客床位: 2 x 6 berths



- Hospital 医疗室: 1
- Total Berths 总共床位: 35 all fully air conditioned
- Galley Capacity 厨房容量: 100 persons

#### **OIL SPILL CONTROL 溢油控制**

- Mixing Tank Capacity 混合舱容量: 11.66 M<sup>3</sup>
- Spray Boom Length 喷洒杆长度: 6M on each side

#### **FIRE FIGHTING EQUIPMENT 消防设备(FIFI I)**

- Fire Pump Capacity 消防泵能力: 3000 M<sup>3</sup>/hr, 145M throw, 50M height with external drenching system to CCS FFI
- Monitors 消防炮: 2 x 1200 M<sup>3</sup>/hr, remote control (starboard monitor us foam)
- Dispersant Tank 消油剂舱: 11.66 M<sup>3</sup>

#### **MISCELLANEOUS 其他**

- Hose Connectors 软管接头
- Fuel Oil 燃油: 4 inches
- Portable Water 淡水: 4 inches
- Drilling Water 钻井水: 4 inches
- Mud 泥浆: 4 inches
- Bulk 散货: 5 inches