



## VESSEL SPECIFICATION

### Hua Ao (华翱轮)

#### 4200BHP

#### REGISTRATION 船舶登记

- Delivery 出厂时间: August 2005
- Builder 建造厂: Zhenjiang Shipyard
- Flag 船旗国: China
- Class 船级社: CCS
- Class Notation 入级标志: Fire Fighting ship 1/Offshore supply ship
- Call Sign 呼号: BOMF
- IMO No 国际海事组织号.: 9319040
- Home Port 船籍港: Shenzhen

#### DIMENSIONS 船舶尺度

- Length Overall 总长: 60.0 M
- Length Waterline 水线长: 58.4 M
- Breadth Moulded 型宽: 16.0 M
- Depth Moulded 型深: 5.5 M
- Draft Max 最大吃水: 4.3 M
- DWT 载重吨: 1,300 T
- Gross Tonnage 总吨: 1,637
- Net Tonnage 净吨: 491

#### DECK CAPACITIES 甲板能力

- Deck Area (Clear) 甲板面积: 410 M<sup>2</sup>
- Deck Cargo 可载甲板货物: 500 Tones
- Deck Strength 甲板受力: 7.5 T/M<sup>2</sup>

#### TANK CAPACITY 舱容

- P. Water 饮用水: 500 M3
- D. Water 钻井水: 380 M3
- Fuel 燃油: 500 M3
- Liquid Mud 泥浆舱: 200 M3
- Foam: 10 M3
- Detergent 清洁剂: 20 M3
- Bulk Mud 散装泥浆: 142 M3
- Freezer 冷藏室: 10 M3 / -20 degree C
- Cooler 冷却器: 12 M3 / +2 degree C
- Lube Oil 润滑油: 10 M3
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**TRANSFER RATES 运送速度**

- P. Water 饮用水: 100 M<sup>3</sup>/hr @ 60m head
- D. Water 钻井水: 100 M<sup>3</sup>/hr @ 60m head
  
- Fuel Oil 燃油: 100 M<sup>3</sup>/hr @ 60m head
- Liquid Mud 泥浆舱: 60 M<sup>3</sup>/hr @ 75m head
- Bulk Cement 散装水泥: 20 M<sup>3</sup>/hr @ 80 psi

**MACHINERY 船舶机械**

- Main Engine 主机: 2 x 2100 BHP
- Auxiliary Engines 辅机: 2 x 300 kw, 415 V/3 PH/50Hz
- Shaft Generator 轴带发电机: 1 x 450 kw, 415 V/3 PH/50Hz
- Bow Thruster 船首推进器: 1 x 515 kw CPP @ 8T thrust Diesel Drive
- Propellers 螺旋桨: 2 x Controllable Pitch Propellers in K/Nozzles;  
Four bladed with dia 2.15m
  
- Rudders 舵: Two Independent Rudder
- Anchors 锚: 2 x 1590 kg ACI4 anchors

**Deck Equipment 甲板设备**

- Windlass 锚机: 1 x10Tons Ele/Hydr.
- Tugger Winch 甲板绞车: 2 x10Tons Ele/Hydr.
- Capstan 绞盘: 2 x5Tons Ele/Hydr.
- Towing Winch 拖缆绞车: 1 x20Tons Ele/Hydr.  
Brake Load 80Tons  
Wire  $\phi$  4" x1000M
  
- Towing pin 拖航销: 1 x300Tons. SWL
- Crane 吊机: 1 x3Tons /7m Ele/Hydr.

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

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- Radar 雷达: 2 units
- Autopilot 自动舵: 1 unit
- Navitex Receiver 航警接收仪: 1 unit
- Echo Sounder 回音测深器: 1 unit
- Speed log 计程仪: 1 unit
- VHF 甚高频: 2 units
- SSB 单边带: 1 unit
- Gyro Compass 电罗经: 1 unit
- GMDSS 全球海上遇险安全系统: Area 3
- Magnetic Compass 磁罗经: 1 unit
- DGPS Navigator: 1 unit
- Joysticks 操纵杆: Yes
- VSAT : Yes
- CCTV 视频监控系統: Yes

**ACCOMMODATION 生活区**



Total 合计: 46 berth

**FIRE FIGHTING SYSTEM 消防系统**

- External FiFi Equipment: CCS FFV-1
- Pumps 主消防泵: 2 x1500m3/n-1.6Map
- Monitors 消防炮: 2 x1200 m3/n-1.5Map
- Water Spray 喷水: 300 m3/n
- Foamer 泡沫: 300l/m

**LIFE SAVING EQUIPMENT 救生设备**

- FRC (快速救助艇): 1
- Liferafts 救生筏: 6
- Lifebuoys 救生圈: As per Solas
- Work vests 工作背心: 6 pcs
- Immersion Suits: As per Solas
- Scrambling Net (救助网): 2 pcs