



## VESSEL SPECIFICATION (船舶规范)

### M/V HUAWANG(华旺)

#### 6, 120BHP AHTS

#### REGISTRATION (登记)

- Flag (船籍国): Liberia
- Home Port (船籍港): Monrovia
- Call Sign (呼号): E L R S 7
- Classification (船级社): DNV  $\cong$  1A1 Tug and Supply Vessel SF
- Builder (造船厂): Jiannan Shipyard, Shanghai
- Year Built (建造时间): 1984
- Inmarsat-C (INMARSAT 编号): 463694557
- Sailing Area (航行区域): World-wide

#### DIMENSIONS (船舶尺寸)

- Length Overall (总长): 58.60 M
- Length PP (水线长): 51.60 M
- Breadth Moulded (型宽): 13.00 M
- Depth Moulded (型深): 6.75 M
- Draft Summer (夏季载重线吃水): 5.39 M
- Draft Light(空载吃水): 2.90 M
- Displacement (排水量): 3,057 T (summer draught)
- Freeboard (干舷): 1.36 M (In Summer Draught)

#### TONNAGE (吨位)

- Gross Tonnage (总吨): 1,299
- Net Tonnage (净吨): 487
- Dead Weight (载重吨): 1,868.57 Tons

#### DECK CAPACITIES (甲板容量)

- Deck Area (Clear) (甲板面积): 29.90 M x 10.50 M = 313.95 M<sup>2</sup>
- Crash Rail (挡货架): 2.00 M
- Deck Cargo (甲板货): 500 Tones
- Deck Strength (甲板载重强度): 5 T/M<sup>2</sup>

#### DECK EQUIPMENT (甲板设施)

- Anchor (锚): 2 x 1600 KG
- Anchor Chain (锚链): Dia.34mm, K3, 400M each
- Windlass (锚机): Hydraulic, 45 kW, 30 Bar
- Tugger (小绞车): 1 x 10 tons
- Capstan (绞盘机): 2 x 5 Tons (Electro-Hydraulic)



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- Crane (吊机) : 1.5 Tons x 5.0M

### TANK CAPACITY (舱容)

- P. Water (饮用水) : 422.86 Tons
- D. Water (钻井水) : 296.8 M<sup>3</sup>
- Ballast Water (压载水) : 427.99 Tons
- Fuel (燃油舱) : 762.1 Tons
- Bulk (散货舱) : 1 x 48 M<sup>3</sup> + 3 x 50 M<sup>3</sup>, total: 198 M<sup>3</sup>
- Liquid Mud (泥浆舱) : 125 M<sup>3</sup> (789 Barrels)
- Heavy Fuel Oil (重油舱) : 192 M<sup>3</sup>

### TRANSFER RATES (传输速度)

- P. Water (饮用水) : 200 M<sup>3</sup> /hr, 7.5 Bar
- D. Water (钻井水) : 1 x 110 M<sup>3</sup> /hr + 1 x 49 M<sup>3</sup> /hr , 7.5 Bar, Screw type electric.
- Fuel Oil (燃油) : 210 M<sup>3</sup>/hr, 7.5 Bar
- Bulk (散货) : about 60 M<sup>3</sup>/hr, 60 psi (4.2 bar).  
Compressors: 2 x Max. 7.5 bar, 15.2 M<sup>3</sup>/min.
- Liquid Mud (泥浆) : 62 M<sup>3</sup>/hr
- Heavy Fuel Oil (重油) : 62 M<sup>3</sup>/hr

### MACHINERY (机器)

- Main Engine (主机) : 2 Sets: BERGEN Diesel Type: KVMB-12
- Horse Power (马力) : 2 x 3,060BHP, Total 6,120BHP
- Bollard Pull (系柱拖力) : 74 Tons (Certified)
- Propeller (螺旋桨) : 2 x Ulstein CPP Propellers in Kort Nozzles
- Auxiliary (辅机) : 2 Sets: COMMINS NT 855-G2 2 x 355BHP  
1 Set: COMMINS N-495 78 kW
- Generator (发电机) : 2 x Siemens IFC 4316 B3/B5, each 170kW (Diesel)  
2 x Siemens IFC 5406, each 520 kW (Shaft)  
1 x Harbour generator: IFC4,256, 85Kw  
Total: 1,465kW
- Thrusters (侧推) : Bow: 500 BHP, 6.0 Tons

### SPEED (航速)

- Maximum (最快航速) : 13 knots
- Economical (经济航速) : 11 Knots

### CONSUMPTION (燃油消耗)

- Max Consumption (最大耗油) : 23 Tons/day
- Economical (经济耗油) : 10.5 Tons/day
- Idling (在港耗油) : 0.6 Tons/day

### TOWING / ANCHOR HANDLING (拖带与起抛锚)

- Winch (拖缆机) : Hydraulic Brattvaag SL150W/BSL150W,  
SWL 150 Tons, Brake Load 200 Tons, Double Drum.



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- Tow Line (主拖缆): 1,000 M, Dia.56 MM; 800 M, Dia.56 MM (Spare)
- Towing Drum (拖缆机滚筒): Dia. 56MM x 1000M
  
- Anchor Handling  
Drums' Capacity(起锚滚筒): Dia. 56MM x 1000M
- Stern Roller (尾滚筒): Dia.1.75 M x 3.65 M
- Rig Chain Gypsies (锚链滚筒): 1 Gypsy wheel on starboard side of the drum, Capacity: 3¼”
- Shark Jaw (鲨鱼牙): Ulstein Type: AHT052 with local control
- Towing Pins (拖带插销): 2 x Ulstein – Bridge control

### NAVIGATION/COMMUNICATION (导航/通讯设备)

- Gyro Compass (罗经): Robertson rgc-11
- GMDSS (全球海上遇险安全系统): SAILOR DTE 1024
- Auto Pilot (自动舵): Robertson AP-45
- Echo Sounder (探测器): JRC JFE-570S
- Radar (雷达): 1 x JRC Type: JMA-527-6  
1 x RACAL-DECCA Type: Bridge master
- Weather Fax (气象传真): Furuno DFAX FA207
- Log (计程仪): 180-2, Made in China
- Navtex (航警接收机): JMC NN-900
- Satellite Navigator (卫星导航): GPS Kodon KGP-912
- NDBP (窄带直打印字电报): LMS-DT4646T
- SSB (单边带): JRC JSB-176
- VHF (甚高频): 1 set: JRC Type: NCE-2211 1 set: speery RT 4822
- CCTV (视频监控系統): Yes

### SAFETY EQUIPMENT (安全设施)

- Ring Buoy (求生圈): 8
- Work Vests (工作背心): 10
- Life Jacket (救生衣): 158 (20 PS IMMUSION SUIT)
- Life Raft (救生筏): 2 x 25 persons + 2 x 20 persons
- Rescue Net (救生网): One rescue net on each side of the vessel
- Rescue Boat (救生艇): 1 x 6 persons, Rubber boat with outboard engine
- Fire Fighting (消防炮): 300 M<sup>3</sup>/Hr with one monitor on the top of the bridge.
- Antipollution (防污染): 2 x Oil dispersant system: 1 boom on each side with 5 spray nozzles; the system connected with Oil dispersant drums on the deck.  
No proportion pump and storage tank onboard.
- Emergency Radio (应急无线电): Yes
- Emergency  
Life Buoy Marker (应急救生圈标记): Yes
- Radio Distress  
Transmitter (无线电报警): Yes

### ACCOMMODATION (床位)

- Total Berths (所有床位): 6 x single, 2 x double, 4 x 3 persons and 1 x 12 persons, Total: 34 beds
- Central air & heat (空调): Full air-conditioning



**PROVISION (设备)**

- Freezer (冷藏室) : 18 M<sup>3</sup>
- Cooler (冷却器) : 18 M<sup>3</sup>