



VESSEL SPECIFICATION (船舶规格)

M/V HUAQUAN (华泉)

7, 520BHP AHTS

REGISTRATION (注册信息)

- Flag (船旗国): Liberia
- Home Port (船籍港): Monrovia
- Official Number: 11361
- IMO Number: 8222109
- Call Sign (呼号): ELYP6
- Classification (船级): CCS ☆ CSA 5/5 Offshore Tug/Supply Ship, Fire Fighter 1, Ici Class 3 ☆ CSM
- Builder (建造船厂): Marystown Shipyard, Marystown, NFLD
- Year Built (建造年份): 1984
- Sailing Area (航行区域): World-wide

DIMENSIONS (船舶尺寸)

- Length Overall (总长): 64.00 M
- Breadth Moulded (型宽): 13.80 M
- Depth Moulded (型深): 6.90 M
- Draft Loaded(full) (满载吃水): 6.00 M
- Freeboard* (干舷): 0.9 M (In Summer Draft)

TONNAGE (吨位)

- Gross Tonnage (总吨): 1,546
- Net Tonnage (净吨): 463
- Dead Weight (载重吨): 1,413 Tons
- Displacement (满载排水量): 2,952 Tons (summer draught)

DECK CAPACITIES (甲板载货能力)

- Deck Area (Clear) (甲板净面积): 11 M x 17 M = 187 M²
- Crash Rail (挡货架): 1.7 M
- Deck Cargo (甲板货物): 935 Tons
- Deck Strength (甲板强度): 5 T/M²

DECK EQUIPMENT (甲板设备)

- Anchor (锚): 1.35 Tons x 2
- Anchor Chain (锚链): Dia. 34 MM, 508 M each x 2
- Windlass (锚机): Hydraulic
- Tugger (绞车): 1 set x 20 Tons (Elec.) + 1 set x 15 Tons (Hydraulic)
- Capstan (尾绞盘): 5 Tons x 2 (Hydraulic)



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- Crane (克令吊): Hydraulic, 5 Tons x 12 M x 2

TANK CAPACITY (舱容)

- Portable Water (饮用水): 144.7 M³
- Ballast Drilling Water (钻井水): 730.27 M³
- Fuel (燃油): 831 M³

TRANSFER RATES (传输速率)

- Portable Water (饮用水): 100 M³ /hr at 60 m head
- Drilling and Ballast Water (钻井水): 100 M³ /hr at 70 m head
- Fuel Oil (燃油): 109 M³/hr at 70 m head

MACHINERY (机器设备)

- Main Engine (主机): Main B&W, Alpha Diesel x 2 set
- Horse Power (马力): 14U28L-VO; 7,520BHP
- Towing Hook (拖拉钩拖力): 60 T
- Propeller (螺旋桨): 2 x CPP Propellers in Kort Nozzles
Tenfjord Twin Rudders
- Generator (发电机): Auxiliary: 2 Sets: 2 x 400 BHP
2 sets x 275Kw
Type: MPM 500-21, out put 840 KVA x 2 (Shaft)
Type: ULSTEIN 90 TV-A, out put 7.5 KW x 1 (Emergency)
- Thrusters (侧推): 500 BHP, 5 Tons (Bow)
- Joystick (操作手柄): ULSTEIN 6065

SPEED (航速)

- Maximum (最大航速): 15.2 knots
- Economical (经济航速): 12.5 knots

CONSUMPTION (燃油消耗)

- Max Consumption (最大航速): 23 Tons/day
- Economical (经济航速): 12 Tons/day
- Idling (锚泊): 0.6 Tons/day

NAVIGATION/COMMUNICATION (航行通导设备)

- Gyro Compass (电罗经): 1 x SPERRY MK37
- Magnetic Compass (磁罗经): 1 x Pilot MK3 F-1 KNMT MK80/07
- Auto Pilot (自动舵): 1 x SPERRY
- Echo Sounder (测深仪): 1 x DECCA SPERRY
- Radar (雷达): 1 x Sperry BM2; 1 x Decca Bridge Master MK127E
- AIS (船舶自动识别系统): 1 x Furuno: FA-I50
- Weather Fax (气象传真): Furuno DFAX Fax-207
- Log (计程仪): 1 x SPERRY
- Navtex (航警电传): Lo-KATA



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- Satellite Navigator (卫通) :1 x GPS RAYTHEON
- GMDSS: 1 x LMS Programme 4000 console
- SSB (单边带) : 1 x SPERRY HC 4500
- VHF (甚高频) : 2 x Sailor RT144AC;
1 x Sperry RT4822

SAFETY EQUIPMENT (救生安全设备)

- Ring Buoy (救生圈) : 10
- Search Light (搜救灯) : 2
- Life Jacket (救生衣) : 100
- Life Raft (救生筏) : 10(8 x 20 + 2 x 10 ,每侧 90 人)
- Rescue Net (救助网) : One rescue net on each side of the vessel.
- Rescue Boat (救助艇) : 1 x 6 persons, Engine 150 BHP
- Emergency Radio (应急无线电话) : 1 x SKANTI TRP1
- EPIRB (无线电应急示位标) : 1 x KANNAD 406WH
- Security Alarm System (保安报警系统) : Yes
- CCTV System for Deck (甲板视频监控系统) : Yes

ACCOMMODATION (住宿设施)

- Total Berths (总床位) : 6 x Single Rooms, 11 x Double Bunk Rooms,
4 x 4 Bunk Rooms, 2 x 8 Bunk Rooms.
Total 60 beds.
- 载客证书有效
- Galley Capacity (厨房容量) : about 60 persons
- Central air & heat (中央空调) : Full air-conditioning

FIRE FIGHTING (对外消防设备)

- Fire Pump Capacity (消防泵) : FIFI I, 2 monitors x 1200 M³/hr, total 2400 M³/hr.
- Monitors (消防炮) : 2 x 1200 M³/hr with remote Joystick control
- Foam Mixture Capacity (泡沫) : 80 M³/hr.

Antipollution: (防污染)

- Oil Dispersant system: 1 boom on each side with 5 spray nozzles & one line proportion capable of 700 L/Min./2600ms.
- 1 x Seawater pump capable of 100 cu.m/h at 7 bars.