



## VESSEL SPECIFICATION

### M/V HUAYUE(华跃)

#### 6, 000BHP AHTS

#### REGISTRATION (登记)

- Flag (船旗): Liberia
- Home Port (船籍港): Monrovia
- Official Number (官方号码): 9882
- Call Sign (呼号): E L P W 3
- Classification (船级社): H CSA 5/5 Tug/Supply Vessel H CSM AUT-O
- Builder (造船厂): Hu Dong Shipyard, Shanghai
- Year Built (建造时间): 1984
- Inmarsat-C (INMARSAT 号码): 463668850
- Sailing Area (航行区域): World-wide

#### DIMENSIONS (船舶尺寸)

- Length Overall (全长): 60.85 M
- Breadth Moulded (型宽): 13.00 M
- Depth Moulded (型深): 6.20 M
- Draft Loaded(full) (满载吃水): 5.06 M (Summer Draft)
- Draft Light (空载吃水): 3.12 M
- Freeboard (干舷): 1.14 M ( In Summer Draft)

#### TONNAGE (吨位)

- Gross Tonnage (总吨): 1,252 Tons
- Net Tonnage (净吨): 375 Tons
- Dead Weight (载重吨): 1,164 Tons

#### DECK CAPACITIES (甲板容量)

- Deck Area (Clear) (甲板面积): 30 M x 10 M = 300 M<sup>2</sup>
- Crash Rail (档货架): 1.80 M
- Deck Cargo (甲板货): 500 Tones
- Deck Strength (甲板载重强度): 5 T/M<sup>2</sup>

#### DECK EQUIPMENT (甲板设备)

- Anchor (锚): 3 x 1440KG Stockless HHP
- Anchor Chain (锚链): Dia.36MM, U2 450M
- Windlass (绞盘机): Norwinch AV39/44 - 36V2/2T
- Tugger (拖拉器): 2 Sets: Norwinch LV-10 SPEC
- Capstan (绞盘): 2 Sets: Norwinch C-9, Hauling Capacity: 10 T
- Crane (吊机): Elect. Crane, 1.5 Tons x 7.0M



### TANK CAPACITY (船容)

- P. Water (饮用水): 234 M<sup>3</sup>
- D. Water (钻井水): 525.4 M<sup>3</sup>
- Fuel (燃油): 547 M<sup>3</sup>
- Lube Oil (滑油): 17.0 M<sup>3</sup>
- Bulk (散货): 4 x 42.5 M<sup>3</sup>, total: 170 M<sup>3</sup>

### TRANSFER RATES (传输速度)

- P. Water (饮用水): 100 M<sup>3</sup>/hr
- D. Water (钻井水): 100 M<sup>3</sup>/hr
- Fuel Oil (燃油): 100 M<sup>3</sup>/hr
- Bulk (散货): 80 p.s.i, about 80 T/hr

### MACHINERY (机舱)

- Main Engine (主机): 4 Sets, M.A.N. 12V 20-27 Diesel Engines
- Horse Power (功率): 4 x 1,500BHP, Total 6,000BHP
- Bollard Pull (系柱力): 75.8 Tons
- Propeller (螺旋桨): 2 CPP Propellers in Kort Nozzles
- Auxiliary (辅机): 2 Sets: M.A.N.- 38W 5L-20/27 563HP
- Generator (发电机): 2 x 245KW, 440V/60 HZ/3 Phase (Diesel)  
2 x 245KW, 440V/60 HZ/3 Phase (Saft)  
Total: 980 KW
- Thrusters (侧推器): 1 Bow Thruster: 1 x 564 HP, 6.25 Tons
- Joystick (操纵杆): C.P.P.

### SPEED (航速)

- Maximum (最大航速): 11 knots
- Economical (经济航速): 9 Knots

### CONSUMPTION (油耗)

- Max Consumption (最大油耗): 18 Tons/day
- Economical (经济油耗): 9.8 Tons/day
- Idling (荡车油耗): 0.6 Tons/day

### TOWING / ANCHOR HANDLING (拖带与起抛锚)

- Winch (绞车): Norwinch 2S-180-2T
- Tow Line (拖缆): Dia. 64 MM x 700 M
- Stern Roller (尾滚筒): Dia. 2.0 M x 4.8 M
- Shark Jaw (鲨鱼牙): Standard Karm Fork, SWL:500 Tons
- Towing Pins (导缆柱): SWL: 500 Tons
- Pennant (信号旗): 2 Sets: Dia. 57MM x 20M
- Shackle (吊锁): 4 x 85 Tons; 6 x 55 Tons; 8 x 35 Tons



- Nylon Stretcher (尼龙延展器) : 2 x dia. 10" x 50 M

### NAVIGATION/COMMUNICATION (导航与通讯)

- Gyro Compass (电罗经) : Tokyo Keiki Type: ES-11A
- Magnetic Compass (磁罗经) : C-Plath
- Auto Pilot (自动舵) : Tokyo Keiki Type: PR-2064-E-V2
- Echo Sounder (回音探测器) : FURUNO FE502
- Radar (雷达) :  
1 x FURUNO Type: FR-1011 / 3 Kw  
1 x Racal Deca Type: Bridge Master CA-181
- Log (日志) : FURUNO Type: MF-220-2
- Navtex (航行警告系统) : NX500
- Satellite Navigator (卫星导航) : FUNURO GP-50
- GMDSS (全球海上遇险安全系统) : SKANTI COMBRIDGE 9500, 500W  
for A3 Operation. Installed: August, 1997.
- SSB (单切带) : SKANTI TRP9000
- VHF(甚高频): 2 Sets
- Portable VHF(便携式甚调频): 3 x VHF Marine Radio Model: HX238S(EB)
- Windicator(风速仪): 1 Set
- Watch Receiver(耳机) JRC NRD-72

### SAFETY EQUIPMENT (救生设备)

- Ring Buoy (救生圈) : 8
- Proof Jacket (防护衣) : 50
- Life Raft (救生筏) 6 x 20 persons
- Life Boat (救生艇) : 1 x Life boat, 6 persons, engine outboard
- Rescue Boat (救助艇) : F.R.C. GJ6.0B-1
- Fire Fighting (灭火器) : 1 fire fighting pump Type: FB2H-250-2 with 600M3/hr capacity  
2 monitors on top of the bridge  
Made by: Naniwa Pump MFG. Co. Ltd.
- Antipollution (防污染) : 1 boom
- Emergency Radio (紧急无线电) : 1 x JSL-5, 50W
- Emergency Life Buoy Marker (应急救生圈标记) : Yes
- Radio Distress Transmitter (无线电报警) : KSNNAD 406FH, France

### ACCOMMODATION (床位)

- Crew Quarters (船员房间) : 16
- Passenger Berth (乘客房间) : 12
- Total Berths (所有房间) : 28
- Galley Capacity (厨房能力) : 30
- Central air & heat (空调) : Yes