



VESSEL SPECIFICATION (船舶规格)

M/V HUAF A (华发)

12,800BHP AHTS

REGISTRATION (注册信息)

- Flag (船旗国): Liberia
- Home Port (船籍港): Monrovia
- Official Number: 9961
- Call Sign (呼号): E L Q G 2
- Classification (船级): DNV \cong 1A1 Tug/Supply, Ice C, SF, Fire Fighter II, Dynpos, EO
- Builder (建造船厂): Bolsones Verft, Norway
- Year Built (建造年份): 1982
- Inmarsat-C: MMSI 636009961 / ID. 463668970
Answerback: HUFA
- Sailing Area (航行区域): World-wide
- IMO No.: 8028448

DIMENSIONS (船舶尺寸)

- Length Overall (总长): 69.00 M
- Length Waterline (水线长): 62.00 M
- Breadth Moulded (型宽): 15.00 M
- Depth Moulded (型深): 7.25 M
- Draft Loaded(full) (满载吃水): 6.25 M
- Draft Light (空船吃水): 3.10 M
- Displacement (排水量): 4,078.0 Tons (summer draught)
- Freeboard (干舷): 1.0 M

TONNAGE (吨位)

- Gross Tonnage (总吨): 1,790
- Net Tonnage (净吨): 537
- Dead Weight (载重吨): 2,100 Tons

DECK CAPACITIES (甲板载货能力)

- Deck Area (Clear) (净甲板面积): 507 M²
- Crash Rail (挡货架高度): 1.80 M
- Deck Cargo (甲板货物): 960 Tons
- Deck Strength (甲板强度): 5 T/M²

DECK EQUIPMENT (甲板设备)

- Anchor (锚): 2 x 1,920 Kg, Stockless Anchor
- Anchor Chain (锚链): 2 x 440 M, K3
- Windlass (锚机): 1 x Triple drum



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- Tugger (绞车): 2 x 10 T
- Capstan (尾绞盘): 2 x 8 T
- Crane (克令吊): Electric-hydraulic Crane, 12 M x 5 T

TANK CAPACITY (舱容)

- P. Water (饮用水): 579 M³
- D. Water (钻井水): 756 M³
- D.O (柴油): 809.25 Tons
- F.O (重油): 371 M³
- Lube Oil (滑油): 7.2 Tons
- Bulk (干散货): 215 M³ in 4 tanks
- Liquid Mud/Salt Water (泥浆/盐水): 2 x 84.1 M³ + 1 x 107 M³ + 1 x 95 M³, total: 370 M³
- Base Oil (基油舱): 370 M³

TRANSFER RATES (传输速率)

- P. Water (饮用水): 1 x 100 M³ /hr
- D. Water (钻井水): 2 x 150 M³ /hr
- D.O (柴油): 1 x 150 M³/hr
- F.O (重油): 2x 70 M³/hr
- Bulk (干散货): 2 x 60 M³/hr, 2 x Compressors, each 1200 M³/hr at 95.5 p.s.i.
- Liquid Mud/Salt Water (泥浆/盐水): 2 x 60 M³/hr
- Base Oil (基油): 2 x 60 M³/hr

MACHINERY (机器设备)

- Main Engine (主机): 4 x MAK Diesel x 3,200BHP, Total: 12,800BHP
- Bollard Pull (系柱拖力): 150 MT Max
- Propeller (推进器): HJELSET 2 x 3.3 M CPP Propellers in Kort Nozzles
Twin Rudders
- Generator (发电机): Diesel Generators: 3 x 226 kVA
Shaft Generators: 2 x 2,120 kVA
Total: 4,918 kVA
- Thrusters(侧推): 2 Bow Thrusters: Brunvoll 815 HP, thrust 10 Tons each
1 Stern Thruster: Brunvoll 600 HP, thrust 9 Tons
- Joystick (操作手柄): Yes

SPEED (航速)

- Maximum (最大航速): 15.5 Knots
- Economical(经济航速): 11.5 Knots

CONSUMPTION (燃油消耗)

- Towing (拖带): Max. 48 Tons/24 hrs
- Maximum (最大航速): 36 Tons/24 hrs in Navigation
- Economical (经济航速): 12 Tons/24 hrs
- DP Mode (DP 模式): 12 Tons/24 hrs



TOWING / ANCHOR HANDLING (拖带/起抛锚设备)

- Winch (绞缆机): Hydraulic Brattvaag SL250W, 1T/BBL250-2T
Line Pull as Stall: 340 Tons
- Tow Line (主拖缆): Dia. 74 MM x 1,200 M
- Towing Drum Capacity (拖带滚筒): Dia. 70 MM x 1,200 M
- Anchor Handling Drums' Capacity (起抛锚滚筒): 2 Drums, independent drives
- Spooling Drums' Capacity (备用滚筒): 3 x Dia. 56 MM x 1000 M
- Chain Locker (锚链舱): 1 x 107 M³ + 1 x 95 M³, total 202 M³
- Stern Roller (尾滚筒): 3.65 M x Dia. 2.4 M, Max. 580 T
- Rig Chain Gypsies: 2 x 3¼"
- Shark Jaw (鲨鱼牙): Triplex H-300S
- Towing Pins (拖带插销): Make Karmøy

NAVIGATION/COMMUNICATION (航行通讯设备)

- Gyro Compass (电罗经): Type: SGBROWN 1000
- Magnetic Compass (磁罗经): Bergena Nautik
- Auto Pilot (自动舵): Robertson AP-8A
- Echo Sounder (测深仪): 1 set, Simrad ED 162
- Radar (雷达): 1 set, Furuno 3 CM
1 set, Recal Bridgemaster 10 CM
- AIS (船舶自动识别系统): 1 set Furuno: FA-I50
- Weather Fax (气象传真): 1 set, FURUNO Fax-208A
- Log (计程仪): 1 set, BEN, France
- Navtex (航警电传): 1 x JRC 3004
- Satellite Navigator (卫通): 1 set, KODEN Type: KGP-98
- GMDSS: 1 set, Skanti, Type: 9000
- SSB (单边带): 1 set, Skanti, Type: TRP9000
- VHF (甚高频): 1 x Sailor RT-143
2 x Skanti VHF3000
- Portable VHF (便携甚高频): 3 x VHF Marine Radio Model: HX238S(EB)
- 可随时与陆地进行通讯联系和收发电子邮件

SAFETY EQUIPMENT (安全救生设备)

- Ring Buoy (救生圈): 8
- Work Vests (工作背心): 7
- Search Light (搜救灯): 4
- Life Jacket (救生衣): 65
- Life Raft (救生筏): 130 (2X25+4X20, 每侧 65 人)
- Life Boat (救生艇): 1 x Rescue boat, 6 persons, 60 HP engine outboard
1 x Harding work boat
- Rescue Net (救助网): on each side of the vessel
- Rescue Boat (救助艇): Yes
- Rescue Zones (营救区): Yes
- Hospital (医院): 1 x 2 berths
- Emergency Radio (应急无线电台): KSNAD 406FH
- Emergency Life Buoy Marker: Yes
- Radar Transponder (雷达应答器): 2 x Serpe Sart



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- Radio Distress Transmitter(无线遇险发射器): Yes
- EPIRB (应急定位仪): Yes
- Security Alarm System (保安报警系统): Yes
- CCTV System for Deck (甲板视频监控系统): Yes

ACCOMMODATION (生活设施)

- Crew Quarters (船员): 14 x 1 berth
- Passenger Berth (旅客): 1 x 2 berth + 2 x 4 berth
- Total Berths (总共床位): 24
- Galley Capacity (厨房容量): 40 people
- Central air & heat (中央空调): 84,000 BTUs

ANTIPOLLUTION: (防污染)

- Oil Dispersant system: 1 boom on each side with 5 spray nozzles: the system connected with Oil dispersant

FIRE FIGHTING (对外消防设备)

- Fire Pump Capacity (消防泵): 2 x 3,600 M³/hr (113,684,210.5 GPM)
Throw Length: 150 M, Throw Height: 70 M
- Monitors (消防炮): 4 x Thune Eureka EF300
- Certification (消防级别): DNV FIFI II

DYNAMIC POSITIONING SYSTEM (动力定位系统)

- Make (生产厂家型号): Kongsberg-Simrad SDP 521
- Reference Systems (参照系统): -DGPS System
-Sonardyne Acoustic system, multi-directional.
- Artemis micro-wave rangebearing system
- Tautwire system
- Interface for Syledis radiopulse system
- E. R. N.: 99-99-10