



VESSEL SPECIFICATION (船舶规格书)

HUAZE (华泽)

5,450 BHP PSV

REGISTRATION (登记信息)

- Year Built (建造年份): February 2009
- Builder (建造厂家): Havyard Leirvik AS, Norway
- Classification (船级): CCS Offshore Supply Ship ;FireFightingShip1;AUT-0;DP-1
DNV +1A1 Supply Vessel SF, EO, FIFI 1, CLEAN, dk+, hl (2.5)
Dynpos - AUTR
- Call Sign (呼号): BOKB
- Official No (登记号): 140012000056
- IMO Number (IMO 呼号): 9 4 0 9 2 9 7
- Port of Registry (船籍港): Shenzhen
- Flag (船旗国): China

DIMENSIONS (船舶尺寸)

- Length Overall (总长): 73.6 m
- Breadth moulded (型宽): 16.0 m
- Depth moulded (型深): 7.0 m
- Draft summer (夏季吃水): 5.85 m

TONNAGE (吨位)

- Gross Tonnage (总吨): 2193
- Net Tonnage (净吨): 1044
- Dead Weight (载重吨): 3327 Tons

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CAPACITIES (甲板载货能力)

- Deck Cargo (甲板货): 1600 tons
- Clear Deck Space (甲板面积): 51.0 m x 13.5 m, Total 690 m²
- Deck Strength (甲板强度): 5 tons/ m²

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DECK EQUIPMENT (甲板设备)

- Anchors (锚): 2 x 2460 kgs Stockless Spek Anchors
- Cables (锚链): 2 x 467.5 m chain 38 mm dia



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- Windlass (锚机): 8 Tons @ 10.5 m/min
 - Hydraulic Tugger Winch (绞车): 2 x 10 Tons @ 19m/min
 - Electric Capstans (绞盘): 2 x 8 Tons @ 16 m/min
 - Crane (克令吊): 3 T SWL at 10 - 16 m radius.

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MACHINERY (机器设备)

- Main Engines(主机): 2 x Bergen KRMB 9 Diesel Engines each 2725 BHP, Total 5450 BHP
- Propellers (螺旋桨): 2 x Ulstein 600 AGSC-KP-66P1/4T-2900 Controlled Pitch Propeller System
- Rudders (舵): 2 x Ulstein FB-S 1750 High Lift Spade Rudders
- Steering Gear (舵机): 2 x Tenfjord SR622 Electro Hydraulic Steering Gear System
- Bow Thruster (首侧推): 2 x Kamewa Ulstein TT 1650 DPN CP Tunnel Thrusters, each 800 BHP (590 kW)
- Stern Thruster (尾侧推): 2 x Kamewa Ulstein TT 1650 DPN CP Tunnel Thruster, each 800 BHP (590 kW)
- Joystick (控制杆): Integrated PosCon Joystick System
- Generators (发电机): 2 x 1440kW Shaft Generators, 2 x 250 kW Diesel Generators
- Emergency Generator (应急发电机): 1 x 69 kW

TANK CAPACITY (舱容)

- Fuel Oil (燃油): 965 m³
- Drill Water (钻井水): 1275 m³
- Potable Water (饮用水): 915 m³
- Ballast Water (压载水): 1275 m³
- Dry Bulk (干散货): 5 Tanks - Total Capacity 320 m³
- Base Oil (基油): 205 m³
- Brine (盐水): 4 Tanks - approx. 398 m³, with Agitators
- Liquid Mud (泥浆): 10 Tanks – approx. 995m³, with Agitators

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TRANSFER RATES (传输速率)

- Fuel Oil (燃油): 200 m³/hr x 90 m head
- Drill Water (钻井水): 200 m³/hr x 90 m head
- Ballast Water (压载水): 200 m³/hr x 90 m head
- Potable Water (饮用水): 200 m³/hr x 90 m head
- Brine (盐水): 75 m³/hr x 180 m head, variable speed.
- Bulk (干散货): 2X70 m³/h
- Liquid Mud (泥浆): 75 m³/hr @ 180 m head, variable speed
- Base Oil (基油): 150 m³/hr @ 90 m head

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FUEL CONSUMPTION & SPEED (航速及燃油消耗)

- At 100 % MCR: Approx 18.8 tons/day@13.8 knots



- At 85% MCR: Approx 16 tons/day@13.3 knots
- At Economical Speed: Approx 11 tons/day@10.3 knots
- Type of Fuel: HF HSD (Marine Gas Oil)

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ACCOMMODATION (住宿)

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- Officers (高级船员): 6 x Single berth Cabins
- Crew (普通船员): 4 x Double Berth Cabins + 1 x Four Berth Cabin
- Charterer (租家): 2 x Four Berth Cabin
- Hospital (医院): provided on Main Deck

Total: 26 Berths,

- Fully Air-conditioned

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NAVIGATION & COMMUNICATION (航行通导设备)

- Radars(雷达): One x Furuno FAR 2837S (S Band) & Once Furuno Fr 2117 (X Band) True Motion Radar
- DGPS (差分 GPS): 1 x Furuno GP 150
- AIS(自动身份识别系统): 1 x Furuno FA 150
- Echo Sounder (回波测深仪): 1x Furuno FE 700
- Auto Pilot (自动舵): 1 C Path
- Gyro Compass (电罗经): One C Path + 5 repeaters
- GMDSS: 2 x Furuno Felcom 15 Immarsat C Area A1, A2 & A3 Operations
- S.S.B (单边带): 1 x Furuno FS2570
- Inmarsat Fleet 77 (卫通): 1x Furuno Felcom 70
- VHF/DSC (甚高频/数字选择性呼叫): 1 x Furuno FM 8800D
- VHF (甚高频): 1 x Furuno FM 8800
- Speed Log (航速记录仪): 1 x Furuno DS 80
- Navtex(航警电传): 1 no. P.A. System, Anemometer, EPIRB's & SART's provided.

SAFETY EQUIPMENT (安全救生设备)

- Ring Buoys (救生圈): 8
- Life Jackets (救生衣): 30
- Life Raft (救生筏): 6 (120 人, 每侧 60 人)
- Rescue Boat (救助艇): 1 x 6 persons, Zodiac with outboard engine
- Rescue Net (救助网): One rescue net on each side of the vessel.
- Search Lights (搜救灯): 2 sets, on top of the bridge.
- Emergency Radio (应急无线电): Yes
- EPIRB (无线电应急示位标): Yes
- Security Alarm System (保安报警系统): Yes
- CCTV System for Deck (甲板视频监控系統): Yes

FIRE FIGHTING (外部消防设备)



- Monitors (消防炮) : 2 x Remote Controlled Monitors on Wheelhouse top, Capacity 1200 m³/hr;
- Pumps (泵) : 2 x 1600 m³/hr driven by Main Engine through PTO.
- Foam Tank Capacity (泡沫舱) : 2.5 m³

ANTIPOLLUTION (防污染)

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

DYNAMIC POSITIONING SYSTEM (DP2) (动力定位)

- IMO Class DP 2 System: Kongsberg KPos DP 2 #
- 2 x DGPS (DPS116 & DPS232) #
- 1 xHIPAP501 with MP8200#
- 1 x RADIUS 1000D with 2 interrogator#
- 1 x Fan Beam Reference Systems MK4.2#