



VESSEL SPECIFICATION

SHIP NAME : HUA JI

7,200 BHP

REGISTRATION

- Year Built: 2017
- Builder: Zhejiang Shipbuilding Co., Ltd, China
- Classification: CCS ★ CSA Offshore supply Ship , Fire fighting Ship 1, Water Spraying; Oil Recovery Ship not suitable for products with a flashpoint of 60° C or less; FTP, AFS, SPS ★ CSM AUT-0, DP-2, Electrical Propulsion System; COMF(Noise) 3, COMF(VIB) 3, CLEAN,
- Call Sign: BOZZ
- MMSI: 413472790
- Official No.: CN20158356545
- IMO Number: 9752838
- Port of Registry: Shenzhen
- Flag: China

DIMENSIONS

- Length Overall: 81.75 m
- Breadth moulded: 17.20 m
- Depth moulded: 7.8 m
- Draft summer: 6.3 m
- Gross Ton: 3434
- NET Ton: 1264
- DWT at assigned draft: 4089.10 Tons

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MACHINERY

- Main Generators: Engine type : Caterpillar 4-stroke, Tier II EA ;Rated power : approx. 1,320 ekW at 1,800 rpm, each Rated voltage : 3 x 690V/60Hz (Total generator output approx. 5,280 ekW)
Frequency converter system: ABB
- Diesel-electric driven propellers: 2 x Steerprop Z-Drive units with ABB motor, approx. 2,000 kW @ 0~1,800 rpm.
- Bow Thruster: 2 x Brunvoll CP Tunnel Thrusters, apprx. each 1200 BHP (950 kW)
- Emergency Generator: 1 x 276ekW at 1800 rpm, 3x440V, 60Hz.
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CAPACITIES

- Deck Cargo: 2000 tons
- Clear Deck Space: 57 m x 14 m, Total 800 m²
- Deck Strength: 5 tons/ m², Frame0 ~ Frame32: 7.5t/m²
- Fuel Oil: 795 m³
- Drill/Ballast Water: 1670 m³
- Fresh Water: 1020 m³
- Fresh Water (Combine ballast water) : 1600 m³
- Drill/Ballast Water: 1670 m³
- Dry Bulk: 5 Tanks - Total Capacity 360 m³
- Brine: 2 Tanks - approx. 280m³, with tank cleaning system
- Liquid Mud: 6 Tanks – approx.845m³, with Agitators and tank cleaning system
- Methanol (optional)

PUMPING

- Fuel Oil: 2 x 150 m³/hr x 90 m head
- Drill /Ballast Water: 1 x 150m³/hr x 90 m head
- Fresh Water: 1x 150 m³/hr x 90 m head
- Liquid Mud & Brine: 2 x 100 m³/hr x 180 m head,(screw);
- 1 x 100m³/h x 180 m head,(centrifugal)
- Bulk: 2 x 20 m³/min @ 5.6 bar
- Methanol (optional): 2 x Methanol discharge pump, Horizontal screw type ,75 m³/h @ 9bar.

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ANCHOR & MOORING

- Anchors: 2 x 3060 kgs Stockless Spek Anchors
- Anchor Chain: 2 x 385 m chain 44 mm dia., grade 3.
- electric Windlass: 2 x 12 Tons @ 15 m/min
- Electric Tugger Winch: 2 x 10 Tons @ 25m/min
- Electric Capstans: 2 x 8 Tons @ 16 m/min

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ACCOMMODATION

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- Officers: 8x Single berth Cabins
- Crew: 6x Double Berth Cabins
- Charterer & Passenger : 3x Single Berth Cabin +1x Double Berth Cabin+ 4 x Four Berth Cabin
- Hospital provided on 02 Deck Total: 41 Berths, Fully Air-conditioned

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NAVIGATION & COMMUNICATION

- Radars: One x Consilium(Sweden) (S Band)



- DGPS: One Consilium(Sweden) (X Band) ARPA Radar
- AIS: One x SIMRAD(Sweden)
- Echo Sounder: One x SKIPPER (Norway)
- Auto Pilot: One x SIMRAD; One x integrated with KONGSBERG DP system
- Gyro Compass: Three Sperry NAVIGAT X MK 1 Gyro with 7 repeater
- GMDSS: Two x Thrane& Thrane (Sailor) (Denmark) Inmarsat C Area A1, A2 & A3 Operations
- S.S.B.: One x Thrane& Thrane (Sailor) (Denmark)
- Inmarsat FB 500: One x Thrane& Thrane (Sailor) (Denmark)
- VHF/DSC: Two x Thrane& Thrane (Sailor) (Denmark)
- VHF: One x Thrane& Thrane (Sailor) (Denmark)
- Speed Log: One x Consilium (Sweden)
- Navtex: One x Thrane& Thrane (Sailor) (Denmark)
- VDR: One x Consilium(Sweden)
- P.A. System, Anemometer, EPIRB's & SART's provided.

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DYNAMIC POSITIONING SYSTEM (DP 2)(Integrated Kongsberg Joystick System)

- IMO Class DP 2 System: Kongsberg K-Pos DP 2 #
- 2 x DGPS (2 x DPS112) #
- 1 x CYSCAN Reference Systems #

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EXTERNAL FIRE FIGHTING (FIFI 1)

- Monitors: 2 x Remote Controlled Monitors on Wheelhouse top, Capacity 1200 m³/hr;
- Pumps: 2 x 1600 m³/hr driven by Main Engine through PTO.

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MISCELLANEOUS

- One Deck Crane, 3 T SWL at 10 - 16 m radius.
- FRC; 1x6.5m; 3P \geq 25knots; Capacity 12P; launched by A-FRAME davit
- Sewage Treatment Unit: As per Marpol requirements.
- Oily Water Separator: Installed according to MEPC. 107(49)
- Vessel designed for Zero Fuel Overflow (Clean Notation)

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FUEL CONSUMPTION & SPEED

- At 100 % MCR: 22 tons/day@14.5 knots
- At 85% MCR: 16 tons/day@13.3 knots
- At Economical Speed: 8 tons/day@10 knots
- At Stand By / Cruise Approx 3tons/day@ knots
- Type of Fuel: HF HSD (Marine Gas Oil)