



VESSEL SPECIFICATION

M/V HUA HU

16000KW(21760BHP)

REGISTRATION

- Vessel Name: HUA HU
- Flag: China
- Home Port: Shenzhen
- IMO Number: 9717096
- Design: WS 655I
- Call Sign: BOKA
- Builder: WUCHANG SHIPBUILDING INDUSTRY GROUP CO., LTD., CHINA
- Year Built: 2015
- Classification: ★CSA. Tug/Offshore Supply Ship/Fire Fighting Ship 1/Stand-by Ship
Water Spraying、SPS、 Ice Class B、 In-Water Survey.
★CSM. AUT-0、 DP-2、 CMS、 SCM、 ECM、 SEC、 COMF(VID)3.
- Sailing Area: World-wide

DIMENSIONS

- Length Overall: 89.20 M
- Length BP: 79.20 M
- Breadth Moulded: 22.00 M
- Depth Moulded: 9.00 M
- Max. Draught: 7.55 M
- Trial Speed: 15.8 Knots
- Bollard Pull: 296 Tons

TONNAGE



- Gross Tonnage: 6172
- Net Tonnage: 1851
- Dead Weight: 5071 T

DECK CAPACITIES

- Deck Area: 45 M x 18.40 M = 828 M²
- Crash Rail: 3.0 M
- Deck Cargo: 1,800 Tons (Centre of Gravity 1.0 metre above deck)
- Deck Strength: 10.0 T/M² (at -#5-#26Frame)5.0T/ M²(#26-#71Frame)

DECK EQUIPMENT

- Anchor: 3 x 4320 Kg with 962.5M of 54 mm K3 chain
- Tugger Winch: 2 x 17.0 Tons pull at 0-31M/min
- Capstan: 2 x 15.0 Tons pull at 0-21 M/min
- Storage reels : 1 x 1600 M x 76 mm wire capacity
- Windlass/Mooring winch :
2 x 17.5 Tons pull at 0-11M/min 54mmk3 Chain
- Anchor Handling winch :
1 x 4503M x 84mm wire Capacity
450Tons at 0-15m/min pull
1st 625Tons Static brake
- Towing winch : 2 x 3150m x 82mm wire capacity
450Tons at 0-15m/min pull
1st 625Tons Static brake
- Secondary winch: 2 x 5000m x 82mm wire capacity
138Tons at 0-28m/min pull
1st 170Tons dynamic brake
- Stern roller : 2 x dia 3.5M x 3.0M SWL 885 Tons
- Rig Chain Locker : 2 x 124.5M³ +2 x 142.9M³
- Wire/Chain stopper : 2st TRIPLEX Shar Jaw 1.3M High. SWL 750 Tons
- Side Towing Pin : 2st side in 440mm SWL 200 Tons
- Crane : 1 x Hydraunlic Crane on part side Deck
Main Hook SWL 15t-14M/12t-17M 0-20M/min wire 200M



AUX Hook SWL 2t-18M 0-40M/min

1 x Hydraulic Crane on S/B side Deck

SWL 15t-14M/12t-17M 0-20M/min wire 60M

TANK CAPACITY

- Drill/Ballast water: 3296.4 M³
- Fresh(portable) water: 933.2 M³
- Liquid mud: 922.6 M³
- Fuel oil: 1497.4 M³
- Brine water: 1208.4 M³
- Base oil: 192.0 M³
- Dry Bulk: 417.6 M³ (8 x52.2 M³)
- Methanol: 86.8M³
- Rig Chain: 2 x124.5 M³+2 x142.9 M³=534.8 M³

TRANSFER RATES

- Drill/Ballast water: 2 x200Tons/hr --9bar
- Fresh(portable) water: 1 x200Tons/hr --9bar
- Liquid mud: 2 x75 M³/hr—18bar El-Frequency Controlled
- Fuel oil: 1 x200 M³/hr --9bar
- Brine water: 1 x75M³/hr --9bar
- Base oil: 1 x150 M³/hr --9bar
- Dry Bulk: 150Tons/hr --90m head 5.6bar
- Methanol: 1 x750M³/hr --12bar(Hydraulic driven)

MACHINERY

- Main Engine: 4 x Wartsila 8L32-40 4000kw
Total: 1600kw/21760 BHP
- Propeller: 2 x CPP Propellers: 4.6m dia. In nozzles
- Generator: Shaft Generator 2x 2500 kw
Diesel Generator 2 x 400 kw
Emergency Generator 1 x 250 kw



- Fuel Type: Gas Oil
- Thrusters: 1 x 1200kw(1632BHP) Retractable Azimuth (forward)
1 x 1200kw(1632BHP) c.p.p. in tunnel (forward)
2 x 830kw(1128BHP) c.p.p. in tunnel (aft)

NAVIGATION/COMMUNICATION

- Joystick control: type: Kongsberg C-joy
- Gyro Compass: 3 x Anschutz Standard 22
- Magnetic compass: 1 x MK200 (SCH 105)
- Auto Pilot: 1 x Anschutz Nauto pilot 2015
- Echo Sounder: 1 x JWC F-3000W
1 x GDS 102
- Radar: 1 x Raytheon X-Band with ARPA 900-025 23" Disply
1 x Raytheon S-Band with ARPA 900-025 23" Disply
1 x 19" Remote Disply
- ECDIS: 1 x Raytheon 950-009 2 x 22" Disply
- Speed Log: 1 x Lilley & Gillie 7070MK 2R
- AIS: 1 x Raytheon R4 AIS
- Weather Fax: 1 x JWC FX-330
- GMDSS: Sailor:Sailor 6000、EPRB(SE 406-11)、SART11、2WAY
VHF(SP3520A)、JMC: Navter Receiver(NT-2000)
- Inmarsat FBB: IN MARSAT FBB(Sailor 250)
- VHF Radiotelephone: 2x 1COM 1C-M422
- DGPS: 2x FURUNO GP-150

DYNAMIC POSITIONING SYSTEM

- Make: Kongsberg K-POS DP-21 With C-Joy
- Reference Systems: Kongsberg Simrad HIPA、MRU、Cyscan Laser、TAUT Wire、
2 x DGDS 、 2 x Spotbeam



ACCOMMODATION

- Crew and Passenger: 13 x 1 berth
3 x 2 berth
10 x 4 berth
Totally:59 berth
 - Hospital: 1 x 1 berth
- All accommodation fully air-conditioned.

Safety Equipment

2 x Fast Rescue Boats > 22Knots
Fire fighting: I. Fine Pump 2 x 1800 M³/hr
Monitors: 2 x 1200 M³/hr、 Water spraying