



VESSEL SPECIFICATION

M/V HUAMING

12,240BHP AHTS

REGISTRATION

- Flag: China
- Home Port: Shenzhen
- Call Sign: BONB
- Classification: CCS:Offshore Tug/supply ship, Anchor Handling ,Fire Fighting ship 1,SPS DP-2
- Builder: Fujian Southeast Shipyard
- Year Built: 2013.01
- Sailing Area: World-wide
- IMO No: 9648271

DIMENSIONS

- Length Overall: 78.20 M
- Lenth BP: 69.00M
- Breadth Moulded: 18.50 M
- Depth Moulded: 8.0 M
- Draft Loaded(full): 6.5 M

TONNAGE

- Gross Tonnage: 3,594Tons
- Net Tonnage: 1,078 Tons
- Dead Weight: 3,357.22 Tons

DECK CAPACITIES

- Deck Area: 600 M² (Clear, 35 M x 15 M = 525 M²)
- Deck Cargo: 800 Tons
- Deck Strength: 5.5T/M²

DECK EQUIPMENT

- Anchor: 2 x 2,320 Kg, 1 x 2350Kg
- Anchor Chain: 2 x 247.5M x 50mm 2A
- Windlass: 2 X ROLLS ROYCE,9.8 T at 0-13m/min MAX:14T @0-13m/min
Lowering 0-47m/min
- Tugger: 2*200m*26mm dia 15 tonnes at 21 m/min
- Capstan: 2 x 10T at 30 m/min
- Crane: 1 x TTS Telescope Crane,SWL 5.0 Tx12.0 M

TANK CAPACITY



- P. Water: 715.6 M³
- D. Water: 1575.2M³
- Fuel: 1173.5 Tons
- Foam/Dispersant : 22 Tons
- Bulk: Total: 394.14 M³ in 4 tanks
- Liquid Mud/Salt water: Total: 775.6 M³ in 4 tanks
- Base Oil: 775 M³

TRANSFER RATES

- P. Water: 2 x 150 M3 /hr at 90 metres head, DESMI
- D. Water: 1 x 150 M3 /hr at 90 metres head, DESMI
- Fuel Oil: 2 x 150 M3 /hr at 90metres head, DESMI
- Bulk: 2 x 23 M3 /min at 6bar air compressors,TMC-150-6 EWA
- Liquid Mud: 2 x 150 M3 /hr at 90 metres head, MISSION
- Salt water: 1 x 75 M3 /hr at 22metres head, DESMI
- Base Oil: 1 x 150 M3 /hr at 90 metres head, DESMI

MACHINERY

- Main Engine: 2x RR Bergen,2 x 6124=12240BHP,Type:B 32-40L9P
- Bollard Pull: 152 Tonnes
- Propeller: 2 x CPP Propellers 94*F5/4
- Generator: Auxiliary Engines:2x CAT-C32/590KW/1800RPM
Shaft Altenator:2 x 1730kw/440v/3PH/60HZ
Em'cy Generator:1 x CAT-4.4DITA/95KW/1800RPM
- Thrusters: Bow Thruster:1 x RR –TT 1650DPN/735KW/11T
Bow Thruster Az 1x CAT-C32/1000BHP/1800RPM/13.5T
Stern Thruster: 1 x RR –TT 1650DPN/735KW/11T
- Steer Gear: 2 X independent electro hydraulic steering gear system in compliance to class &Joystick interface/RPM
- Joystick: C-JOY CONVER TEAM.
- DP: DP2 SYSTEM CONVER TEAM.

SPEED

- Maximum: 14.0 Knots
- Economical: 10.0 Knots

CONSUMPTION

- Maximum: 39 Tons/24 hrs in Navigation
- Economical: 19 Tons/24 hrs

TOWING / ANCHOR HANDLING

- Winch: 1 x electro-hydraulic driven twin drums in waterfall configuration
- Towing Drum Capacity: 76 dia. x 2000M wire rope
- Anchor Handling Drums' Capacity: 76 dia. x 600M wire rope
- Chain Locker: 155 M3 each side total 310 M3
- Stern Roller: 500T SWL,SIZE ;5m (L) x 2.5 m (dia)



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- Shark Jaw: 2 set SWL:300T/Karmoy
- Towing Pins: 4 x160TBP/Karmoy

NAVIGATION/COMMUNICATION

- Gyro Compass: 2 * Raytheon Anschuetz
- Magnetic Compass: 1 * Cassens N Plath
- Auto Pilot: 1 * Furuno GP-150
- Echo Sounder: 1 * Furuno: FE-7002
- Radar: 1 * Furuno:ARPA,FAR-2137 series X-Band;
1 * Furuno:ARPA,FAR-2137 series S-Band;
- Weather Fax: 1 * Furuno: FAX-408
- Log: 1 * Furuno: Doppler-DS-80
- Navtex: 1 * Furuno: NX 700
- Satellite Navigator: 2 *Veripos LID3S
- GMDSS: (A1, A2,A3)
- SSB: 1 * Furuno: FS-2570 with build-in DSC
- VHF: 2 * Furuno: FM 8800 with build-in DSC
1*Icom IC-M304
- Portable VHF: 3 * SUBMERSIBLE

SAFETY EQUIPMENT

- Ring Buoy: 10
- Work Vests: 7
- Search Light: 4
- Life Jacket: 82
- Life Raft: 6 x 25 man,
- Rescue Net: on each side of the vessel
- Rescue Boat: 1 x 10 persons, L×B×H:6.7m×2.51m×0.4m 163KW
engine outboard
- Rescue Zones: on each side of the vessel
- Hospital: 1 x 2 berths
- Emergency Radio: 2×R2,1×SP3520
- Emergency Life Buoy Marker:Yes
- Radar Transponder: 2 x S4 Sart
- Radio Distress Transmitter: Yes
- EPIRB: 1×E5

ACCOMMODATION

- Crew Quarters: 6 x 1 berth + 12x 2 berth
- Passenger Berth: 10 x 2 berth
- Total Berths: 50 Berth
- Galley Capacity: 40 people

FIRE FIGHTING

- Fire Pump Capacity: 1 x DESMI, GS/Fire Pump*75 M3/HRS
- Monitors: 2* FFS,1929 M3/hrs@119m Head
- Certification: CCS CLASS 1



DYNAMIC POSITIONING SYSTEM

- Make: convertaem ADP21 (updated:2011.02.10)
- Reference Systems: DGPS System
 - Sonardyne Acoustic system, multi-directional.
 - Artemis micro-wave rangebwareing system
 - Interface for Syledis radiopulse system