



VESSEL SPECIFICATION (船舶规范)

M/V HUALONG (华隆)

8,320 BHP AHTS

REGISTRATION(注册信息)

- Vessel Name (船名): HUALONG (华隆)
- Flag (船旗国): China
- Call Sign (呼号): BOKL
- Builder (建造船厂): Guangzhou HangTong shipbuilding and shipping CO.,LTD
- Year Built (建造年份): 2013.
- Classification (船级): CCS: A1 Towing Vessel, Fire Fighting Vessel Class 1 Unrestricted Service, E, ACCU, DPS-2

DIMENSIONS (船舶尺寸)

- Length Overall (总长): 75.00 M
- Length Waterline (水线长): 72.88 M
- Breadth Moulded (型宽): 16.00 M
- Max. Draught(最大吃水): 6.11 M
- Depth Moulded (型深): 7.50 M

TONNAGE (吨位)

- Gross Tonnage (总吨): 2,756
- Net Tonnage (净吨): 827
- Dead Weight (载重吨): 2,542 Tons

DECK CAPACITIES (甲板容积)

- Deck Area (甲板面积): 500 M²
- Crash Rail (挡货架): 1.80 M
- Deck Cargo (甲板货): 800 Tons
- Deck Strength (甲板强度): 7.5 T/M²

DECK EQUIPMENT (甲板设备)

- Bow Anchor (船首锚): 2 x2000 Kg
- Chain (锚链): 1x357.5 m x 44mm 2A; 1x385m x44mm,2A
- Anchor Windlass (锚机): 2 x electro-hydraulic ZICOM HWL8.4/44,8.4T at 12m/min
- Gypsies (锚机链轮): suit for 44mm chains
- Warping Drum (绞缆筒): warping Head: 450mm dia: Dia:450mm
- Deck Crane (克令吊): ATB 98/12 E1 5.0 Tx12.0 M
- Tugger Winch (拖带绞车): 2 x 10 tonnes at 15 m/min
- Capstan (绞盘): HCAP-5,5 tonnes at 30 m/min

TANK CAPACITY (舱容)



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- P. Water (饮用水): 375 M³
- D. Water (钻井水): 1371 M³
- Fuel (燃油): 840 M³
- Dry bulk (干散货): 226.0 M³, 4 tanks (4 x 2,000 ft³)
- Liquid Mud (泥浆): 395 M³
- Brine (盐水): 200 M³
- Foam/Detergent (泡沫舱): 14.6 M³ /14.6 M³

TRANSFER RATES (传输速率)

- P. Water (饮用水): 1 x 150 M³ /hr at 75 metres head, DESMI
- D. Water (钻井水): 1 x 150 M³ /hr at 75 metres head, DESMI
- Fuel Oil (燃油): 1 x 150 M³ /hr at 75metres head, DESMI
- Dry Bulk (干散货): 2x70 m³/h at 6bar air compressors, ALPHA
- Liquid Mud (泥浆): 2 x 100 M³ /hr at 75 metres head, NATIONAL WELL
- Brine (盐水): 1 x 75 M³ /hr at 75metres head, DESMI

MACHINERY (机器设备)

- Main Engine (主机): 2x Wartsila 9L26 3060KW (8320BHP), 1000rpm
- Propeller (推进器): 2 x CPP Propellers Berg BCP 850
- Bollard Pull (系柱拖力): 100 tons
- Generator (发电机):
Main 2 x 380 kw USA Cummins + Wuxi Stamford
YP380MXD 380kW 415v /3Ph/50Hz
Shaft 2 x 1500 kw AVK DSG 86 M1-4,1500ekw@1500rpm
Emergency 1 x 94 kw UK Cummins + Wuxi Stamford YP99MXDEM
94KW 415v /3Ph/50Hz
- Steering Gear (舵机): 2 xRIQ steering torque 12tm, steering angle ±45°
- Thrusters (侧推): 2 x 560 kw electric driven (Bow) Wartsila Lips CT 175H-D
560KW/1485rpm/415v/3ph/50HZ tunnel type (CPP) 10T
1 x 560 kw electric driven (aft) Wartsila Lips CT 175H-D
560KW/1485rpm/415v/3ph/50HZ tunnel type (CPP) 10T
- Rudders (舵): 2 x Becker rudders

SPEED and CONSUMPTION (船速及燃油消耗)

- Speed (速度): 14 Knots Maximum, 10 knots Economic
- Fuel consumption (燃油消耗): 19 m³/24 hours @ max speed
12m³/24 hours @ eco.speed

TOWING/ANCHOR HANDLING (拖带/起抛锚设备)

- Towing Winch (拖缆机): 1 x electro-hydraulic double drum
- Upper Drum Cap (Tow) (上滚筒、拖带滚筒): 64 dia. x 1500M wire rope – Upper drum
- Lower Drum Cap (AH) (下滚筒、工作滚筒): 64 dia. x 1500M wire rope – Lower drum
- Line Pull (绞力): (At First layer)(Low Speed): 200/140tonnes@0-5/7 m/min
(At First layer)(Mid Speed): 100/75tonnes@ 0-9/13 m/min
(At First layer)(High Speed): 35/14 tonnes@ 0-23/30 m/min
- Brake Capacity (制动能力): 300 tonnes
- Towing Pins (拖销): 2 x hydraulic towing pins



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- Stern Roller (尾滚筒) : 5m (L) x 2.5 m (dia)
- Shark Jaw (鲨鱼牙) : 1 set SWL:300T
- Rig Chain Locker (锚链舱) : 80 M³ each side

NAVIGATION/COMMUNICATION (航行通导设备)

- GMDSS Furuno: RC-1800T (Area 3) comprising
- SSB (单边带) 1 * Furuno: FS-2570 with build-in DSC
- Inmarsat C (C 站) 2 * Furuno: Felcom 15
- VHF Radio (甚高频) 2 * Furuno: FM 8800 with build-in DSC
- Navtex Receiver (航警电传) 1 * Furuno: NX 700
- SART (雷达示位标) 2 * McMurdo: S4 (9 GHz)
- EPIRB (应急搜救示位标) 1 * McMurdo: E5(406Mhz)
- Portable VHF Radios (手持高频) 3 * McMurdo: R5
- Radar (雷达) 1* Furuno: FAR-21*7(-BB) series X-Band;
1 * Furuno: FR-1500 Mark-3 series S-Band
- Echo Sounder (回波测声仪) 1 * Furuno: FE-700
- DGPS (差分 GPS) 1 * Furuno: GP-150
- Gyrocompass (电罗经) 2 * Anschuetz Digitalgyro STD 22;
1 * Sperry Marine navigat*MK 1 Digitalgyro
- Autopilot (自动舵) 1 * Anschuetz-AP02-S01
- Magnetic Compass (磁罗经) 1 * Cassens & Plath Reflector/1
- Weather Fax (气象传真) 1 * Furuno: FAX-408
- Speed log (航速记录仪) 1 * Furuno: Doppler-DS-80
- AIS (自动身份识别系统) 1 * Furuno: FA-I50
- ECDIS (电子海图) 1* Furuno: GP-3500
- DP (动力定位系统) DP2 system Konsberg
- Joystick (操作手柄) C-Joy Konsberg
- Vessel also fitted with Vingtor PA Talkbalk System & Self-Powered Telephone

FIRE FIGHTING (对外消防设备)

- FIFI System (消防级别) : Class 1
- Fire Pump (消防泵) : 2 x 1500m³/hr FFS SFP250x350,1500m³/h,1800rpm
- Monitor (消防炮) : one FFS1200 LB and one FFS1200/300 (water/foam) LB
- Throw length (射程) : 120m Throw height: 50m

SAFETY EQUIPMENT (安全救生设备)

- Ring Buoy (救生圈) : 8
- Search Light (搜救灯) : 2
- Life Jacket (救生衣) : 50
- Life Raft (救生筏) : 6 (120 人, 每侧 60 人)
- Rescue Boat (救助艇) : 1
- Rescue Net (救助网) : on each side of the vessel
- Rescue Zones (营救区) : Yes
- Emergency Life Buoy Marker: Yes
- Radio Distress Transmitter(无线遇险发射器): Yes
- EPIRB (应急搜救示位标) : Yes
- Security Alarm System (保安报警系统) : Yes



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- CCTV System for Deck (甲板视频监控系统) : Yes

ACCOMMODATION (住宿)

- Crew and Passenger (船员乘客) :
8 x 1 berth
16 x 2 berth
Total 40 berth
- Hospital (医院) :
1 x 1 berth
- All accommodation fully air-conditioned.

DYNAMIC POSITIONING SYSTEM (动力定位系统)

- Make (生产厂家型号) : DP2 system Kongsberg

ANTIPOLLUTION: (防污染)

- 1 set Unitor c/w 2 spreay booms of 6 nozzles each SIP.515-2,75 lts/min