

VESSEL SPECIFICATION

5,000T DWT / DP-2 PSV

REGISTRATION

- Flag: China
- Home Port: Shanghai
- Official Number: TBD
- IMO Number: TBD
- Call Sign: TBD
- Classification: CSA Oil Recovery Ship with Cargo Tank; Offshore Supply Ship; Stand-by Ship; Fire Fighting Ship 1, Water Spraying; Ice Class B; DP-2; SPS; FTP; AFS; PSPC
CSM AUT-0; Electrical Propulsion System; Z-Propulsion
- Builder: Wuchang Shipbuilding Industry Company Ltd.
- Year Built: 2015
- Sailing Area: Worldwide

DIMENSIONS

- Length Overall: 90.90 M
- Length BP : 82.20 M
- Breadth Moulded: 20.00 M
- Depth Moulded: 8.20 M
- Draft Summer: 6.60 M
- Displacement: 8,939 Tons
- Freeboard: 1.6 M

TONNAGE

- Gross Tonnage: 4,808 Tons
- Net Tonnage: 1,442 Tons
- Dead Weight: 5,000 Tons

DECK CAPACITIES

- Deck Area (Clear): 1,000 M²
- Crash Rail: 4.20 M
- Deck Cargo: 3,000 Tons
- Deck Strength: 8Ton/M²

DECK EQUIPMENT

- Anchor: 3 x 4,320 Kg
- Windlass: 12 Tons x 2(workload) ZICOM
- Tugger: 2 sets x 15Tons (ZICOM)

- Capstan: 10 Tons x 2 sets (ZICOM)
- Crane: Electric-Hydraulic, 5 Tons (SWL) x 2 x12M
- Oil Recovery System: LAMOR 200M3/H x 2
- Oil Spilling Detection: 1 X SIGMA(Rutter)

TANK CAPACITY

- P. Water: 977 M³
- D. Water: 1919 M³
- Fuel: 1544 M3 (thereinto multi-use as fuel 1276 M3)
- Bulk: 384 M3
- Chemical: 140 M3
- Liquid Mud/Salt Water: 1020 M³
- Oil Recovery tank: 2917 M³ (multi-use as fuel/chemical/liquid mud/salt water tank)

TRANSFER RATES

- P. Water: 250 M³/hr x 2 at 90 M head
- D. Water: 250 M³/hr x2 at 90 M head
- Fuel Oil: 250 M³/hr x2 at 90 M head
- Salt Water: 250 M³/hr x2 at 90 M head
- Bulk: 80 M³/hr at 5.6 Bar x 2
- Liquid Mud: 75 M3/hr x2 at 90 M head
- Chemical: 75 M3/hr x2 at 90 M head

MACHINERY

- Main Engine: 2 x 2600KW + 2 x 1900KW Wartsila
- Main propulsion: 2 x 3000KW Wartsila Z-propeller
- Bow Thrusters: 2 x 1200KW Wartsila
- Bow 1200l: x) 2x 0

BHP

retractable Propulsion : 1 x 1000KW Wartsila

- Anchor generator: 1 x 400kw Caterpillar
- Joy stick system: 1 set Kongsberg
- DP-2 system: 1 set Kongsberg

SPEED

- Maximum: 15 Knots
- Endurance: <8000 n mile

CONSUMPTION

- Max Consumption: Tons/day ~26
- Economical: Tons/day ~22
- Idling: Tons/day ~2.5

NAVIGATION/COMMUNICATION

- Gyro Compass: 3 x navigat X MK 1,Mod 10 (C.Plath)
- Magnetic Compass: 1 x Reflecta
- Auto Pilot: 1 x NP5300(Raytheon-Anschuetz)
- Echo Sounder: 1 set, GDS101(SKIPPER)
- Radar: 1 set X band,1set S band,(Raytheon-Anschuetz)
- GPS: 1 set R5(Saab),2 sets Kongsberg.
- Log: 1 x DL1(SKIPPER)
- SSB: 1 x Sailor 6350
- VHF: 2 x Sailor 6210
- Navtex Receiver: 1 set smartfind(MCMURDO)
- AIS: 1 set R5 (Saab)
- C station/LRIT 1 set Sailor 6110
- FBB: 1 set Sailor FBB500
- ECDIS: 1 set (Raytheon-Anschuetz)
- EPIRB: 1 set SE406-II(SAILOR)
- SART: 1 set SART II(SAILOR)

SAFETY EQUIPMENT

- Ring Buoy: 10 pcs
- Immersion suit: 65 pcs
- Life Jacket: 91 pcs
- Rescu Boat: 1 x 3 men JY with outboard engine 6.5M fast rescue boat with inboard diesel engine and suitable waterjet
- Rescue Net: One 6x8 M rescue net on each side of the vessel
- Fire Fighting: 1,200 cum/hr x 2 135M high

ACCOMMODATION

- Crew Quarters: 18
- Passenger Berth: 42
- Total Berths: 60
- Galley Capacity: 60 persons
- Central air & heat: Full air-conditioning

