

NANHAI 222

GENERAL DATA

| | |
|-------------------------------|--|
| Year Built | 2004 |
| Builder | Jiangsu Yangzijiang Shipyard Co.,Ltd., China |
| Design | SDARI |
| Type | AHTS |
| Flag | CHINA |
| Registry Port | Zhanjiang |
| Class NO. | 04S2014 |
| IMO NO. | 9318204 |
| Call Sign | BXNJ |
| Classification | CCS |
| Class Character and Notations | ★CSA Stand-By Ship;Tug;Water Spraying; Fire Fighting Ship 1;Offshore Supply Ship; Ice Class B2 ★CSM DP-2; AUT-0 |

MAIN DIMENSIONS

| | |
|---------------|--------|
| L.O.A | 69.2 m |
| B. Mld. | 16.8 m |
| D. Mld. | 7.6 m |
| Draft Load | 6.2 m |
| Gross Tonnage | 2327 |
| Deadweight | 2000 t |

PERFORMANCE

| | |
|----------------|-------------------------|
| Maximum Speed | 16 Knots |
| Economic Speed | 10 Knots |
| Bollard Pull | Max: 178 t, Cont: 160 t |

DECK CAPACITIES

| | |
|--------------|------------------------|
| Deck Area | 35.71 mx14 m, 500 sq.m |
| Deck Cargo | 800 t |
| Deck Loading | 5.0/10 t/sq.m |

CARGO CAPACITIES

| | |
|-------------|-------------------|
| P. Water | 187 cu.m |
| D./B. Water | 950 cu.m |
| Fuel Oil | 606 cu.m |
| Diesel Oil | 253 cu.m |
| Bulk | 239 cu.m(5 tanks) |
| Liquid Mud | 272 cu.m |
| Brine | 396 cu.m |

DISCHARGING RATES

| | |
|-------------|--------------------------|
| P. Water | 150 cu.m/hr at 0.90 MPa |
| D./B. Water | 150 cu.m/hr at 0.90 MPa |
| Diesel Oil | 100 cu.m/hr at 0.90 MPa |
| Bulk | 70 t/hr at 0.56 MPa |
| Liquid Mud | 2x75 cu.m/hr at 0.90 MPa |
| Brine | 2x60 cu.m/hr at 1.0 MPa |

ACCOMMODATION

| | |
|-----------------|-------------|
| Crew | 18 Bunks |
| Passenger | 12 Bunks |
| Rescue Capacity | 200 Persons |



MACHINERY & PROPULSION

| | |
|----------------|---|
| Main Engine | 4xWARTSILA 8L26A |
| Horsepower | 4x3537.5 HP, Total 14150 HP |
| Propeller | 2xC.P.P. D3600 mm |
| Generator Sets | Auxiliary Generator : engine2xTAMD165CHE 380KW/1500RPM generator2xHCM534E 360KW/400V/50HZ Shaft Generator: 2xABB AMG500S4 1600KW 1500rpm / 400V/50HZ |
| Bow Thruster | 2xWUHAN KAWASAKI KT-88B 9T Motor:1LA8403-4AB64-Z 535KW |
| Stern Thruster | 1xWUHAN KAWASAKI KT-88B 9T Motor:1LA8403-4AB64-Z 535KW |

TOWING & AH EQUIPMENT

| | |
|---------------|--|
| Winch | 1xRolls-Royce BSL350W/SL350W Double drums 350T |
| Drum Capacity | D77 mmx4200 m & 5400 m |
| Towline | 2xL1000 m xD 77 mm |
| A/H Wire | 1xL400 m xD77 mm |
| Shark Jaw | 1set 5000 KN |
| Towing Pins | 1set 2400 KN |
| Stern Roller | L5400 mm xD2400 mm SWL 350T |

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

| | |
|---------------|---|
| Life Jacket | 200+42 Pcs |
| Life Raft | 6x15 Persons |
| Rescue Boat | 2x6 Persons |
| FiFi | FiFi 1; 2x1200 cu.m/hr Foam tank:15 cu.m |
| Antipollution | Dispersant Tank:4 cu.m Spraying Arm:2 setsx6 m |

NAVIGATION & COMMUNICATION

| | |
|----------------|------------------------------------|
| Gyro-Compass | 3xTOKIMEC TG-6000 |
| Magnetic | 1xSH-165A1 |
| Radar | 1xFURUNO FR2125S; 1xFURUNO FR2135S |
| INMARSAT-C | 1xSAILOR H2095C |
| INMARSAT-B | 1xFURUNO FELCOM82B |
| SSB | 1xFURUNO FS-1562-15 |
| VHF | 2xFURUNO FM-8500 |
| GPS | 2xFURUNO GP-80 |
| Facsimile | 1xFURUNO FAX-207 |
| Wind Indicator | 1xFV-301 |
| Echo Sounder | 1xFURUNO FE-700 |
| Autopilot | PR-6000 |
| Radio | FS-5000 |
| EPIRB | KANNAD 406 WH |
| NAVTEX | NCR-330 |

DYNAMIC POSITIONING EQUIPMENT

Nautronix ASK 5002,Dual Redundant DP-2