

# 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 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