

NANHAI 221

GENERAL DATA

Year Built	2003
Builder	Wuhu Shipyard*China
Design	SDARI
Type	Stand- by Vessel
Flag	CHINA
Registry Port	Zhanjiang
Class NO.	03Q4031
IMO NO.	9258947
Call Sign	BXMN
Classification	CCS
Class Character and Notations	*CSA Stand- By Ship/Offshore Supply Ship/Tug Water Spraying; Oil Recovery Ship B; Fire Fighting Ship 1 *CSM CMS; AUT- 0

MAIN DIMENSIONS

L. O. A.	69.30 m
B. Mid.	14.20 m
D. Mid.	6.90 m
Draft Load	5.70 m
Draft Light	3.8 m
Gross Tonnage	1890
Deadweight	1800 t

PERFORMANCE

Maximum Speed	16.0 Knots
Economic Speed	12.8 Knots
Bollard Pull	800 KN

DECK CAPACITIES

Deck Area	35.17 m*11.8 m*415 sq. m
Deck Cargo	600 t
Deck Loading	5 t/sq. m

CARGO CAPACITIES

P. Water	343 cu. m
D. /B. Water	978 cu. m
Diesel Oil	787 cu. m
Oil Recovery Tank	514 cu. m

DISCHARGING RATES

P. Water	140 cu. m/hr at 0.86 MPa
D. /B. Water	140 cu. m/hr at 0.86 MPa
Diesel Oil	106 cu. m/hr at 0.86 MPa

ACCOMMODATION

Crew	13Bunks
Rescue Capacity	100Bunks



MACHINERY & PROPULSION

Main Engine	4*DEUTZ SBV6M628, 1000 RPM
Horsepower	4*1727 HP, Total 6908 HP
Propeller	2*66XF5/4 C. P. P.
Generator Sets	Auxiliary Generator * engine 2*Volvo TAMD122A 247KW 1500rpm generator 2*Newage HC. M434F1 230KW/ 400V/50HZ Shaft Generator* 2*DSG74M1- 4 AVK 1000kw
Bow Thruster	1*WUHAN KAWASAKI KT- 88B 9T
	1*WUHAN KAWASAKI KT- 55B1 6T
Stem Thruster	1*WUHAN KAWASAKI KT- 55B1 6T

TOWING EQUIPMENT

Winch	1*HTW- 80/56 80T, Single drum
Towline	1*L600 m*D56 mm
Stem Roller	L3600 mm*D1800 mm SWL 250T

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6x25Persons
Rescue Boat	1set*Capacity*6 Persons Rated Speed*20 Knots
FiFi	FiFi 1 *2*1200 cu. m/hr FiFi Foam Tank*14.2 cu. m
Antipollution	Sprinkle Rate*10 L/sq. m/min

NAVIGATION & COMMUNICATION

Cyro- Compass	1*TOKIMEC TG- 6000
Magnetic Compass	1*TOKIMEC SH- 165AI
Radar	1*TOKIMEC BR- 2520C- X27* 1*TOKIMEC BR- 2220C- 27
INMARSAT- C	2*Sailor H2095C
INMARSAT- B	1*TOKIMEC
SSB	2*Sailor HC- 4500
VHF	2*Sailor RT- 4822
GPS	1*FURUNO GP- 80
Facsimile	JAX- 9A
Wind Indicator	OMC 139
Echo Sounder	1*FURUNO FE- 700
Autopilot	1*TOKIMEC PR- 6184- zz
Radio	SAILOR SP3911
EPIRB	KANAD 406WH
NAVTEX	NAV5