

NAN HAI 220

GENERAL DATA

Year Built	2003年
Builder	Wuhu Shipyard, China
Design	SDARI
Type	Stand-by Vessel
Flag	CHINA
Registry Port	Zhanjiang
Class NO.	03U3023
IMO NO.	9258935
Call Sign	BXFN
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. Mld.	14.20 m
D. Mld.	6.90 m
Draft Load	5.70 m
Draft Light	3.80 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	944 cu.m
Diesel Oil	765 cu.m
Oil Recovery Tank	494 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



MACHINERY & PROPULSION

Main Engine	4 × DEUTZ SBV6M628,1000 RPM
Horsepower	4 × 1727 HP, Total 6908HP
Propeller	2 × TS-66FX5/4-2900N
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 Stern Thruster 1 × WUHAN KAWASAKI KT-55B1 6T

TOWING EQUIPMENT

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

SAFETY & FiFi & ANTIPOLLUTION EQUIPMENT

Life Raft	6x20Persons
Rescue Boat	1set, Capacity: 6 Persons Rated Speed: 12 Knots FiFi 1 ; 2 × 1200 cu.m/hr FiFi Foam Tank: 10.93 cu.m Antipollution Sprinkle Rate: 10 L/sq.m/min

NAVIGATION & COMMUNICATION

Gyro-Compass	2 × TOKIMEC TG-6000
Magnetic Compass	1 × TOKIMEC SH-165AI
Radar	1 × FURUNO FAR2127 ; 1 × FAR2837S 1 × FURUNO
INMARSAT-C	2 × Sailor H2095C
INMARSAT-B	1 × Sailor TT250
SSB	2 × Sailor HC-4500
VHF	2 × Sailor 6222
GPS	1 × FURUNO GP-80;1 × KODEN KGP913
Facsimile	FAX-408
Wind Indicator	2 × OMC 139
Echo Sounder	1 × FURUNO FE-700
Autopilot	1 × TOKIMEC PR-6000
Radio	SAILOR RT4822
EPIRB	KANAD 406WH
NAVTEX	NX-700