

NANHAI 217/218/219

GENERAL DATA

Year Built	2001 / 2001/ 2002
Builder	Jiangsu Yangzijiang Shipyard Co.,Ltd.,China
Design	SDARI
Type	Stand-by Vessel
Flag	CHINA
Registry Port	Zhanjiang
Class NO.	01H3025 / 01D4010 / 02K1008
IMO NO.	9235646 / 9235658 / 9235660
Call Sign	BXNC / BXNG / BXNI
Classification	CCS
Class Character and Notations	★CSA Tug;Offshore Supply Ship;Stand-By Ship; Fire Fighting 1;Oil Recovery Ship B ★CSM AUT-0

MAIN DIMENSIONS

L.O.A.	66.30 m
B. Mid.	14.20 m
D. Mid.	6.90 m
Draft Load	5.7 m
Draft Light	3.8 m
Gross Tonnage	1595
Deadweight	1459 t

PERFORMANCE

Maximum Speed	14.5 Knots
Economic Speed	11.2 Knots
Bollard Pull	800 KN

DECK CAPACITIES

Deck Area	32 m x 12 m,384 sq.m.
Deck Cargo	600 t
Deck Loading	5 t/sq.m

CARGO CAPACITIES

P. Water	636 cu.m(NANHAI 217/218); 555 cu.m(NANHAI 219)
D./B. Water	666 cu.m(NANHAI 217/218); 525 cu.m(NANHAI 219)
Diesel Oil	746 cu.m
Bulk	170 cu.m(4 tanks,NANHAI 219)

DISCHARGING RATES

P. Water	160 cu.m/hr 0.86 MPa
D./B. Water	160 cu.m/hr 0.86 MPa
Diesel Oil	160 cu.m/hr 0.86 MPa
Bulk	60 t/hr at 0.56 MPa

ACCOMMODATION

Crew	20 Bunks,16Bunks(NANHAI 219)
Passenger	12 Bunks,14Bunks(NANHAI 219)



MACHINERY & PROPULSION

Main Engine	4 x DEUTZ SBV6M628
Horsepower	4 x 1727 HP, Total 6908 HP
Propeller	2 x Ulstein HUB-750 C.P.P.
Generator Sets	Auxiliary Generator : engine 2 x DEUTZ BF6M1015MC 250KW/1500RPM generator 2 x AVK DSG52M1-4 235KW /294KVA 400V/50HZ Shaft Generator: 2 x AVK DSG74M1-4 1000KW
Bow Thruster	1 x WUHAN KAWASAKI KT-88B 9T
Stern Thruster	1 x WUHAN KAWASAKI KT-55B1 6T 1 x WUHAN KAWASAKI KT-55B1 6T

TOWING EQUIPMENT

Winch	1 x PRIMSOLL HTW/SD-80T 0-4 m/min, Single drum
Towline	1 x L600 m x D56 mm
Stern Roller	1x Set

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 20 Persons,6 x 25Persons(NANHAI 219)
Rescue Boat	1 unit,Speed ≤20 knots with 6 persons; Speed ≤25 knots with 3 persons
Fifi	FIFI 1 ;2 x 1200 cu.m/hr Foam Tank: 10.9 cu.m
Antipollution	Sprinkling Arm:1 x 6 m Oil Recovery Tank: 540 cu.m (NANHAI 217/218) 294 cu.m (NANHAI 219)

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x TOKIMEC ES-160
Magnetic Compass	1 x TOKIMEC SH-165A1
Radar	1 x TOKIMEC BR-2220C-14: 1 x TOKIMEC BR-2520C-27
INMARSAT-C	2 x Sailor H2095C
SSB	2 x Sailor RE-2100
VHF	2 x Sailor RT4822
GPS	1 x JRC JLR-7700
Facsimile	JAX-9A
Wind Indicator	FV-301
Echo Sounder	1 x JRC JFE-570S
Autopilot	1 x TOKIMEC PR-2000-ZZ
EPIRB	KANNAD 406WH
NAVTEX	NCR-300A
TWO-Way Radio	3 x Sailor SP3110