

NANHAI 216

GENERAL DATA

Year Built	1983
Builder	Gul Engineering (Pte) Ltd.,Singapore
Design	ULSTEIN
Type	AHTS
Flag	CHINA
Registry Port	Zhanjiang
Class NO.	83K3552
IMO NO.	8123717
Call Sign	BXMZ
Classification	CCS
Class Character and Notations	★CSA ★CSM AUT-0
	Offshore Tug/supply Ship

MAIN DIMENSIONS

L.O.A.	68.02 m
B. Mid.	14.50 m
D. Mid.	6.90 m
Draft Load	5.97 m
Gross Tonnage	1631
Deadweight	1968.9 t

PERFORMANCE

Maximum Speed	16 Knots
Economic Speed	10 Knots
Bollard Pull	Max:127 t, Cont:112 t

DECK CAPACITIES

Deck Area	38 m,11 m, 418 sq.m
Deck Cargo	670 t
Deck Loading	5.0 t/sq.m

CARGO CAPACITIES

P. Water	238 cu.m
D./B. Water	338 cu.m
Diesel Oil	830 cu.m
Bulk	268 cu.m
Liquid Mud	297 cu.m

DISCHARGING RATES

P. Water	1 x 150 cu.m/hr at 0.90 MPa
D./B. Water	2 x 80 cu.m/hr at 0.90 MPa
Diesel Oil	1 x 250 cu.m/hr at 0.90 MPa
Bulk	2 x 60 t/hr at 0.56 MPa
Liquid Mud	2 x 50cu.m/hr at 1.2MPa

ACCOMMODATION

Crew	20 Bunks
Passenger	12 Bunks



MACHINERY & PROPULSION

Main Engine	4 x BERGEN KVMB12
Horsepower	4 x 3060 HP, Total 12240 HP
Propeller	2 x ULSTEIN 95-4 C.P.P. D3050mm/220rpm
Generator Sets	Auxiliary Generator : engine 2 x VOLVO TAMD103A x 280KW generator 2 x STAMFORD HCM434E-1 440V/60HZ 260KW Shaft Generator: 2 x Siemens IFC5-ATA80-Z 450V/60HZ 1250KW
Bow Thruster	2 x ULSTEIN/150TV Motor:Siemens 2RA5453 590KW
Stern Thruster	1 x ULSTEIN/150TV Motor:Siemens 2RA5453 590KW

TOWING & AH EQUIPMENT

Winch	1 x Brattvaag/SL250WT/250/360 Hydraulic Driven*Triple drums
Towline	1 x L1130 m x D71 mm
AH Wire	1 x L600 m x D71 mm
Shark Jaw	500TON S.W.L 4INCH CHAIN 102mm WIRE
Towing Pins	170TON B.PULL
Stern Roller	L3660 mm x D2500 mm SWL 350T

SAFETY EQUIPMENT

Survival Suits	3 x Helly Hansen type E 305 3 x Beaufort Boss type Nord 15 4 x Sola Survival suit ,2 x nord Solas 83 4 x Koppernes Neoprene
Life Raft	3 x 20 men ,1 x 20 men
Rescue Boat	1 x 10 men

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x SPERRY SR-120
Magnetic Compass	1 x NEDTUN 10
Radar	1 x FURUNO FR-2010,1 x FURUNO FR-2835
INMARSAT-C	1 x SAILOR H2095C
SSB	1 x FURUNO FS-1562,1 x JRC JSB-176
VHF	1 x FURUNO FM-8500,1 x SAILOR RT2048
GPS	1 x FURUNO GP-80
Facsimile	1 x FURUNO FAX-207
Wind Indicator	1 x FV-301
Echo Sounder	1 x FURUNO FE-700
Autopilot	1 x Roberson AP9 MK II
Radio	SP-3110
EPIRB	TRON 30S MKII
NAVTEX	NX-500
INMARSAT MINI-M	1 x NERA WORLD PHONE