

# BINHAI 286/287

## GENERAL DATA

Year Built	2003 / 2004
Builder	Wuhu Shipyard, China
Design	WUHUXIANLIAN SHIP DESIGN & RESEARCH INSTITUTE, CSSC
Type	AHTS
Flag	CHINA
Registry Port	Tianjin
Class NO.	03A4017 / 04K1018
IMO NO.	9258959 / 9258961
Call Sign	BFJV / BFJW
Classification	CCS
Class Character and Notations	★CSA Stand-By Ship; Offshore Supply Ship; Tug; Ice Class B1; Fire Fighting Ship1; Icebreaking; Water Spraying ★CSM BRC; MCC

## MAIN DIMENSIONS

L.O.A	70.08 m
B. Mld.	14.2 m
D. Mld.	6.5 m
Draft Load	5.25 m
Draft Light	3.5 m
Gross Tonnage	1944
Deadweight	1430 t

## PERFORMANCE

Maximum Speed	14.2 Knots
Economic Speed	12.2 Knots
Bollard Pull	96 t

## DECK CAPACITIES

Deck Area	30 m x 10 m, 300 sq.m
Deck Cargo	500 t
Deck Loading	5 t/sq.m

## CARGO CAPACITIES

P. Water	333.48 cu.m
D./B. Water	903.09 cu.m
Diesel Oil	664.70 cu.m
Bulk	170 cu.m (4 Tanks)

## DISCHARGING RATES

P. Water	100 cu.m/hr at 0.80 MPa
D./B. Water	100 cu.m/hr at 0.80 MPa
Diesel Oil	100 cu.m/hr at 0.80 MPa
Bulk	75 t/hr

## ACCOMMODATION

Crew	18 Bunks
Passenger	12 Bunks



## MACHINERY & PROPULSION

Main Engine	2 x WARTSILA8R32LN
Horsepower	2 x 4080 HP, Total 8160 HP
Propeller	2 x 4 blades C.P.P.
Generator Sets	Auxiliary Generator : engine 2 x Cummins, KTA19-D(M) 403KW generator 2 x Newage HCM534D1 332KW 400V/50HZ Shaft Generator: 2 x ABB AMG400LA, 1000KVA, 400V/50HZ
Bow Thruster	1 x WUHAN KAWASAKI KT-88B Electric driven 560KW 7.5T

## TOWING & AH EQUIPMENT

Winch	1 x PR-AHTW/WF-SWL-150T; Double drums Waterfall ; Max line pull: 150 T ; Max brake pull: 288 T
Towing Drum	1 x L1000 m x D64 mm
Towline	2 x L1000 m x D64 mm
A/H Drum	1 x L1000 m x D64 mm
AH Wire	1 x 400 m x 64 mm
Stern Roller	L4000 mm x D1600 mm SWL 3150KN
Capstan	2 x 75KN at 0-10 m/min
Tugger	2 x 100KN at 0-18 m/min

## SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 15 Persons
Rescue Boat	1 x GJ6.6B-1 6m x 2.05m x 1.10m Speed <= 25 knots with 3 persons Speed <= 20 knots with 6 persons
Fifi	Fifi 1 , 2 x 1200 cu.m/hr Foam Tank: 9.6 cu.m
Antipollution	Dispersant: 3 cu.m Sprinkle Arm: 2 x 6 m

## NAVIGATION & COMMUNICATION

Gyro-Compass	TG-6000
Magnetic Compass	1 x SH-165A1
Radar	1 x FR-2125; 1 x FR-2135S
INMARSAT-C	1 x FELCOM-12
SSB	1 x FS-5000C 400W
VHF	2 x FM-8500
GPS	2 x GP-80
Facsimile	Furuno Fax-207
Wind Indicator	NEI N-54D
Echo Sounder	1 x FE-700
Autopilot	1 x AP9MK5
Radio	1 x FURUNO FS-5000; 1 x DSC-6; 1 x AA-50; 1 x DP-6
EPIRB	1 x KANNAD406W1-1
NAVTEX	1 x NX-500