

# BINHAI 284/285

## GENERAL DATA

Year Built	1992/1993
Builder	Zhonghua Shipyard, China
Design	SDARI
Type	AHTS
Flag	CHINA
Registry Port	Tianjin
Class NO.	92R4017 / 93C2008
IMO NO.	9040041 / 8881084
Call Sign	BFKH / BFKI
Classification	CCS
Class Character and Notations	★CSA Offshore Tug/supply Ship Ice Class B1;Anchor handling, fire fighting ★CSM

## MAIN DIMENSIONS

L.O.A	68.25 m
B. Mid.	14.00 m
D. Mid.	5.80 m
Draft Load	4.88 m
Draft Light	3.00 m
Gross Tonnage	1535
Deadweight	1475 t

## PERFORMANCE

Maximum Speed	13.75 Knots
Economic Speed	13.05 Knots
Bollard Pull	91 t

## DECK CAPACITIES

Deck Area	33.6 m x 10.5 m, 300 sq.m
Deck Cargo	500 t
Deck Loading	5 t/sq.m

## CARGO CAPACITIES

P. Water	298 cu.m
D./B. Water	625 cu.m
Diesel Oil	811 cu.m
Bulk	188 cu.m (4 tanks)

## DISCHARGING RATES

P. Water	100 cu.m/hr at 0.60 MPa
D./B. Water	100 cu.m/hr at 0.60 MPa
Diesel Oil	100 cu.m/hr at 0.60 MPa
Bulk	75 t/hr

## ACCOMMODATION

Crew	10 Bunks
Passenger	8 Bunks



## MACHINERY & PROPULSION

Main Engine	2 x MAK 8M 453 C
Horsepower	2 x 4000 HP, Total 8000 HP
Propeller	2 x BERG C.P.P.
Generator Sets	Auxiliary Generator : engine 2 x CATERPILLAR 3412, 431KW generator 2 x CATER CATSR-4 400KW 390V
Bow Thruster	1 x ULSTEIN 150TV-A C.P.P. Driven by Diesel 776HP 7.5T
Stern Thruster	1 x ULSTEIN 90TV-A C.P.P. Electric driven 270HP 3T

## TOWING & AH EQUIPMENT

Winch	1 x ULSTEIN 2S-125-2T 125T 0-4m/min, Hyd-driven
Towline	1 x L850 m x D56 mm
AH Wire	1 x L200 m x D56 mm
Stern Roller	L3900 mm x D1800 mm

## SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 15 Persons
Rescue Boat	1 x GJ 4.50; 6 Persons, Speed ≥ 8 Knots
FiFi	FiFi 1 ; 2 x 1200 cu.m/hr
Antipollution	Dispersant Tank: 10 cu.m Spray arm: 2sets, 5 m

## NAVIGATION & COMMUNICATION

Gyro-Compass	NAVIGATII
Radar	2 x FR2125
INMARSAT-C	TT3026C
VHF	2 x FM-8500
GPS	1 x GP-80
Facsimile	FAX-207
Wind Indicator	NEI N-54D
Echo Sounder	FE680
Autopilot	AP9 MK2
Radio	SAILOR SYSTEM-5000 250W
EPIRB	1 x 406 WH
NAVTEX	1 x NCR-300A
Two Way VHF	3 x SR-102