

# BINHAI 292

## GENERAL DATA

Year Built	1980
Builder	Odense Steel Shipyard Ltd., Denmark
Type	AHTS
Flag	CHINA
Registry Port	Tianjin
Class NO.	80N3517
IMO NO.	7814890
Call Sign	BFKS
Classification	CCS
Class Character and Notations	★CSA ★CSM Tug/Supply Ship / Ice Class B3 BRC;MCC

## MAIN DIMENSIONS

L.O.A	67.11 m
B. Mld.	15.5 m
D. Mld.	7.5 m
Draft Load	6.46 m
Draft Light	4.83 m
Gross Tonnage	1894
Deadweight	1965 t

## PERFORMANCE

Maximum Speed	16.5 Knots
Economic Speed	12.0 Knots
Bollard Pull	156 t

## DECK CAPACITIES

Deck Area	37 m x 12.5 m, 462 sq.m
Deck Cargo	1000 t
Deck Loading	5 t/sq.m

## CARGO CAPACITIES

P. Water	359.4 cu.m
D./B. Water	345 cu.m
Fuel Oil	755.3 cu.m
Bulk	209 cu.m (4 tanks)
Liquid Mud	333.9 cu.m

## DISCHARGING RATES

P. Water	100 cu.m /hr at 0.70 MPa
D./B. Water	100 cu.m /hr at 0.70 MPa
Diesel Oil	100 cu.m /hr at 0.70 MPa
Bulk	65-80 t/hr at 0.70 MPa
Liquid Mud	471 bbls/hr at 0.70 MPa

## ACCOMMODATION

Crew	20 Bunks
Passenger	8 Bunks



## MACHINERY & PROPULSION

Main Engine	4 x MAK 8M453 AK
Horsepower	4 x 3250 HP, Total 13000 HP
Propeller	2 x LIPS C.P.P.
Generator Sets	Auxiliary Generator : engine 4 x B&W Holeby 6T23LH generator 4 x 625KW 380V Emergency Generator : 1 x 196KW
Bow Thruster	2 x LIPS 600HP 7.2T
Stern Thruster	1 x LIPS 600HP 7.2T

## TOWING & AH EQUIPMENT

Winch	1 x SL250-3T Hydraulic Brattroag triple drums winch waterfall type with 250t band brake and 400t static holding force
Towing Drum	2 x L1200 m x D72 mm
Towline	1 x L1200 m x D71mm 1 x L1000 m x D71 mm 3 x L170 m x D64 mm
A/H Drum	1 x L1200 m x D65 mm
A/H Wire	1 x L450 m x D64 mm
Shark Jaw	Triple Hydraulic SWL 300 t
Towing Pins	ATCT
Stern Roller	L5000 mm x D2500 mm SWL 400T

## SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	5 x 25 Persons
Work Boat	1 x 6 Persons
FiFi	FiFi 2 ; 4 x 1800 cu.m/hr
Antipollution	Dispersant Tank: 26.8 cu.m

## NAVIGATION & COMMUNICATION

Gyro-Compass	1 x NAVIGAT MK2
Magnetic Compass	PRG165-N
Radar	1 x FR-2120;1 x FR-2125
INMARSAT-C	1 x FELCOM-11
SSB	FS-5000
VHF	2 x FM-8500
GPS	1 x GP-80
Facsimile	FAX-207
Wind Indicator	D11
Echo Sounder	ED162
Autopilot	IPS2-B
Radio	1 x FURUNO FS-5000
EPIRB	1 x 406 FH
NAVTEX	1 x NCR-300A