

BINHAI 293

GENERAL DATA

Year Built	1982
Builder	Burrard Yarrows Corp.Vancouver, B.C.
Type	PSV
Flag	CHINA
Registry Port	Tianjin
Class NO.	82P3528
IMO NO.	8111374
Call Sign	BFKW
Classification	CCS
Class Character and Notations	★CSA Offshore Supply Ship / Ice Breaker ★CSM BRC

MAIN DIMENSIONS

L.O.A	82.80m
B. Mld.	18.00 m
D. Mld.	7.50 m
Draft Load	5.67 m
Draft Light	4.3 m
Gross Tonnage	3335
Deadweight	2458 t

PERFORMANCE

Maximum Speed	13.0 Knots
Economic Speed	10.5 Knots

DECK CAPACITIES

Deck Area	510 sq.m
Deck Cargo	600 t
Deck Loading	5 t/sq.m

CARGO CAPACITIES

P. Water	620 cu.m
D./B. Water	1644 cu.m
Diesel Oil	2065 cu.m
Bulk	282 cu.m (6 tanks)

DISCHARGING RATES

P. Water	158 cu.m/hr at 0.80 MPa
D./B. Water	158 cu.m/hr at 0.80 MPa
Diesel Oil	110 cu.m/hr at 0.80 MPa
Bulk	50 t/hr

ACCOMMODATION

Crew	9 Bunks
Passenger	16 Bunks



MACHINERY & PROPULSION

Main Engine	2 x MAK 12M 453 AK
Horsepower	2 x 4800 HP, Total 9600 HP
Propeller	2 x 4 Blades C.P.P. D3000mm
Generator Sets	Auxiliary Generator : engine 4 x CAT 16V D399 generator 4 x 1142KVA 600V 60Hz
Bow Thruster	2 x 900TT(TYPE) Electric Driven 900HP 8T

SAFETY & FI/FI EQUIPMENT

Life Raft	6 x 25 Persons
Rescue Boat	1 x GJ 4.50; 6 Persons, Speed ≥ 8 Knots
FiFi	450 cu.m/hr at 1.15 MPa; 2 sets of monitors FiFi Foam Tank: 8 cu.m

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x MK-10; 1 x MK37
Magnetic Compass	1 x SET
Radar	1 x FR-2125; 1 x MK-1270
INMARSAT-C	1 x H2095B
VHF	3 x FM-8500
GPS	1 x GP-80
Facsimile	FAX-207
Wind Indicator	NEI N-54D
Echo Sounder	ED162
Autopilot	MK-4
Radio	1 x FS-5000
EPIRB	1 x 406WH
NAVTEX	1 x NCR300A
SART	2 x RESCUER