

BINHAI 253/254

GENERAL DATA

Year Built	2001/2001
Builder	Wuchang Shipyard ,China
Design	SDARI
Type	PSV
Flag	CHINA
Registry Port	Tianjin
Class NO.	01X4005 / 01Y4006
IMO NO.	9257577 / 9257589
Call Sign	BFNE / BFNI
Classification	CCS
Class Character and Notations	★CSA Offshore Supply Ship; Ice Class B2 ★CSM AUT-0

MAIN DIMENSIONS

L.O.A	70.31 m
B. Mld.	16.0 m
D. Mld.	7.0 m
Draft Load	5.80 m
Draft Light	3.80 m
Gross Tonnage	2308
Deadweight	2630 t

PERFORMANCE

Maximum Speed	13.0 Knots
Economic Speed	12.4 Knots

DECK CAPACITIES

Deck Area	585 sq.m
Deck Cargo	1200 t
Deck Loading	5 t/sq.m

CARGO CAPACITIES

P. Water	641.70 cu.m
D./B. Water	935 cu.m
Diesel Oil	810.9 cu.m
Bulk	170 cu.m (4 tanks)
Liquid Mud	240 cu.m (4 tanks)

DISCHARGING RATES

P. Water	150 cu.m/hr at 0.80 MPa
D./B. Water	150 cu.m/hr at 0.80 MPa
Diesel Oil	114 cu.m/hr at 0.80 MPa
Bulk	80 t/hr
Liquid Mud	55 cu.m/hr

ACCOMMODATION

Crew	14 Bunks
Passenger	18 Bunks



MACHINERY & PROPULSION

Main Engine	2 x WARTSILA 6L26A
Horsepower	2 x 2654 HP, Total 5308 HP
Propeller	2 x 4 blades C.P.P., D2300mm
Generator Sets	Auxiliary Generator : engine 2 x CUMMINS KTA19-D(M) 403KW generator 2 x HCM534E 360KW 400V/50Hz Shaft Generator : 2 x 1000KW 400V/50Hz
Bow Thruster	2 x 400KW 6T Electric Driven
Stern Thruster	1 x 400KW 6T Electric Driven

SAFETY & FIFI EQUIPMENT

Life Raft	6 x 15 Persons
Rescue Boat	1 set, Driven by water jet; Power: 144 HP Speed ≤ 25 knots with 3 persons Speed ≤ 20 knots with 6 persons

NAVIGATION & COMMUNICATION

Gyro-Compass	TG-6000
Magnetic	SH-165A
Radar	1 x FR-2125; 1 x FR-2135S
INMARSAT-C	1 x FELCOM 12
SSB	1 x FS-5000
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 AP9 MK3
Radio	1 x FURUNO FS-5000
EPIRB	1 x KANNAD406WH
NAVTEX	1 x NCR-300A
LOG	1 x DS-70