

BINHAI 262/263/264/265

GENERAL DATA

Year Built	1986 / 1986 1987 / 1987
Builder	Wuchang Shipyard ,China
Design	Ingeni φ rene Lund,Mohr Giaevert- Enger NORWAY
Type	AHTS
Flag	CHINA
Registry Port	Tianjin
Class NO.	86A1005 / 86B1006 / 87H4007 / 87J4008
IMO NO.	8219633 / 8219671 / 8219657 / 8302870
Call Sign	BFMZ / BFLU / BFLD / BFLE
Classification	CCS
Class Character and Notations	★CSA Offshore Tug/supply Ship;Ice Class B ★CSM BRC

MAIN DIMENSIONS

L.O.A	58.60 m
B. Mid.	13.00 m
D. Mid.	6.50 m
Draft Load	5.10 m
Draft Light	2.88 m
Gross Tonnage	1197
Deadweight	1307 / 1302 / 1241 / 1241 t

PERFORMANCE

Maximum Speed	14.4 Knots
Economic Speed	12.5 Knots
Bollard Pull	Max: 93 t;Cont: 87 t

DECK CAPACITIES

Deck Area	34.5 m x 11.25 m, 388 sq.m
Deck Cargo	630 t
Deck Loading	60 sq.m(4m x 15m): 7 t/sq.m; Other: 5 t/sq.m

CARGO CAPACITIES

P. Water	300 cu.m
D./B. Water	350cu.m
Diesel Oil	420cu.m
Bulk	170 cu.m (4 tanks)
Rig Chain Locker	100 cu.m

DISCHARGING RATES

P. Water	120 cu.m/hr at 0.65 MPa
D./B. Water	158 cu.m/hr at 0.70 Mpa
Diesel Oil	130 cu.m/hr at 0.65 MPa
Bulk	60-80 t/hr

ACCOMMODATION

Crew	21 Bunks
Passenger	8 Bunks



MACHINERY & PROPULSION

Main Engine	2 x WARTSILA WN12V25 (BIN HAI 262/263) 2 x HCP 12ATV25/30RD (BIN HAI 264) 2 x DEUTZ SBV12M 628 (BIN HAI 265)
Horsepower	2 x 3264 HP, Total 6528 HP
Propeller	2 x 4 blades,C.P.P.
Generator Sets	Auxiliary Generator : engine 2 x NTA855D-(M) 287KW generator 2 x HCM434D1 312.5KVA 3P/440V/60HZ Shaft Generator: 2 x L.K DKB100/625 4TS 700KVA 3P/440V/60HZ
Bow Thruster	1 x BRUNVOLL SPX-VP 7.5T Electric Driven 700HP

TOWING & AH EQUIPMENT

Winch	1 x PUSNES 150HWT/2, Double Drums Waterfall, Hyd. Driven, Max pull: 150T;Max Break pull: 200T
Towline	1 x L1000 m x D56 mm
AH Wire	1 x L300 m x D46 mm
Shark Jaw	1 x ULSTEIN SWL 440T(BIN HAI 264/265) 1 x Y180L-Q-H 440T(BIN HAI 262/263)
Towing Pins	1 x PUSNES ACO-200-2 200T
Stern Roller	3660 mm x 1830 mm
Capstan	2 x PUSNES 8HC 80KN .
Tugger Winch	1 x PUSNES 12HW/HM10M47 120KN, Drum Capacity: φ19 mm x 150 m

SAFETY & FIFI EQUIPMENT

Life Raft	6 x 20 Persons (BIN HAI 262/263/265), 9x20 Persons (BIN HAI 264)
Rescue Boat	1 x GJ4.5 Speed ≥ 8 knots
FiFi	1 x THUNE-EUREKA 156 cu.m/hr at 1.6 MPa FiFi Foam Tank:5 cu.m

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x NAVIGAT X MK 2(BH262/263); 1XSR120/130(BH264/265)
Magnetic Compass	BN35PL1SET
Radar	2 x FR-2125
INMARSAT-C	TT3026C
VHF	FM-8500X2
GPS	2XGP-80
Facsimile	FURUNO FAX-207
Wind Indicator	NEI N-54D
Echo Sounder	ED-162
Autopilot	NAVITRON NT921G
Radio	SAILOR SYSTEM-5000 250W
EPIRB	1 x 406WH
NAVTEX	1 x NCR-300A
SART	2 x RESCUER