

BINHAI 241/242/243

GENERAL DATA

Year Built	1984 / 1984 / 1984
Builder	Southern Ocean Shipbuilding Co.,Pte.Ltd., Singapore
Type	AHTS
Flag	CHINA
Registry Port	Tianjin
Class NO.	84B1203 / 84C1204 / 84D1205
IMO NO.	8305016 / 8305004 / 8304995
Call Sign	BFMW / BFMY / BFLX
Classification	CCS
Class Character and Notations	★CSA Tug/Supply Ship/Ice Class B3(BIN HAI 241) Offshore Tug/supply Ship/Ice Class B(BIN HAI 242) Offshore Tug/supply Ship/Ice Class B(BIN HAI 243) ★CSM

MAIN DIMENSIONS

L.O.A	56.0 m
B. Mld.	12.0 m
D. Mld.	5.0 m
Draft Load	4.30 m
Draft Light	3.30 m
Gross Tonnage	805
Deadweight	1117 t

PERFORMANCE

Maximum Speed	13.5 Knots
Economic Speed	12.0 Knots
Bollard Pull	50 t

DECK CAPACITIES

Deck Area	304 sq.m
Deck Cargo	400 t
Deck Loading	5 t/sq.m

CARGO CAPACITIES

P. Water	260 cu.m
D./B. Water	250 cu.m
Diesel Oil	462 cu.m
Bulk	142 cu.m (BIN HAI 241/243);113 cu.m (BIN HAI 242)

DISCHARGING RATES

P. Water	80 cu.m/hr at 0.60 MPa
D./B. Water	80 cu.m/hr at 0.60 MPa
Diesel Oil	80 cu.m/hr at 0.60 MPa
Bulk	40 t/hr

MACHINERY & PROPULSION

Main Engine	2 x YANMAR 8Z-280-ET
Horsepower	2 x 2400 HP, Total 4800 HP
Propeller	2 x KAMOME,4 Fixed Blades pitch



Generator Sets	Auxiliary Generator: engine 2 x YANMAR 6HAL-HTN 200HP generator 2 x SHINKO TVLI-GJ-522 160KVA 415V 50HZ
Bow Thruster	1 x KAMOME TC-30DLN, Driven by a Diesel Engine, GM 8V-71,332HP

TOWING & AH EQUIPMENT

Winch	1 x FUKUSHIMA DDW-200D 100T,3 m/min
Towline	1 x L750 m x D50 mm
AH Wire	1 x L250 m x D50 mm
Stern Roller	L2440 mm x D1500 mm SWL 60T

SAFETY EQUIPMENT

Life Raft	6 x 20 Persons (BIN HAI 241); 8 x 20 Persons (BIN HAI 242); 4 x 20 Persons, 2 x 15 Persons (BIN HAI 243)
Rescue Boat	1 x GJ 4.50,6 Persons, Speed ≥ 8 Knots

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x MK-37E(BIN HAI 241); 1 x TOKYOKEIKI ES-11A (BIN HAI 242/243)
Radar	1 x FR-1510; 1 x FR-2125
INMARSAT-C	1 x FELCOM-11
SSB	1 x FURUNO FS-5000 400w
VHF	2 x SAILOR RT-5022
GPS	1 x GP-80
Facsimile	1 x FURUNO FAX-207
Wind Indicator	1 x N-54D
Echo Sounder	1 x ED-162
Autopilot	ComNav 2001
Radio	1 x FURUNO FS-5000
EPIRB	1 x 406WH
NAVTEX	1 x NCR-300A
SART	2 x RESCUER