

# HAIYANGSHIYOU 606/607/608

## GENERAL DATA

Year Built	2009 / 2009 / 2009
Builder	Penglai Bohai Shipyard Co.,Ltd.,China
Design	SDARI
Type	Stand-by Vessel
Flag	CHINA
Registry Port	Zhanjiang / Zhanjiang / Tianjin
Class NO.	09G0143 / 09J0214 / 09K0261
IMO NO.	9541148 / 9557757 / 9557769
Call Sign	BYBH / BYBI / BFHZ
Classification	CCS
Class Character and Notations	★CSA Stand-by Ship/Offshore Tug/Supply Ship /Fire Fighting Ship 1/Oil Recovery Ship B Ice Class B ★CSM AUT-0

## MAIN DIMENSIONS

L.O.A.	69.60 m
B. Mld.	14.8 m
D. Mld.	6.9 m
Draft Load	5.7 m
Draft Light	3.7 m
Gross Tonnage	1928
Deadweight	1800 t

## PERFORMANCE

Maximum Speed	14.5 Knots
Economic Speed	12.0 Knots
Bollard Pull	80 t

## DECK CAPACITIES

Deck Area	452 sq.m
Deck Cargo	600 t
Deck Loading	5~10 t/m2

## CARGO CAPACITIES

P. Water	244.593 cu.m
D./B. Water	1056.129 cu.m
Diesel Oil	715.797 cu.m
Liquid Mud	357.533 cu.m

## DISCHARGING RATES

P. Water	120 cu.m/hr at 1.00 Mpa
D./B. Water	120 cu.m/hr at 1.00 MPa
Diesel Oil	100 cu.m/hr at 1.00 MPa
Liquid Mud	75 cu.m/hr at 1.80 MPa

## ACCOMMODATION

Crew	15 Bunks
Passenger	15 Bunks
Rescue Capacity	100 Persons



## MACHINERY & PROPULSION

Main Engine	4 x YANMAR 8N21A-EN
Horsepower	4 x 1324KW, Total 7202HP
Propeller	2 x 4 blades C.P.P. BERG 8CP850
Generator Sets	Auxiliary Generator: 2 x 360KW Shaft Generator: 2 x 1000KW Emergency generator: 1 x 90KW
Bow Thruster	1 x 100 KN / 1 x 65 KN
Stern Thruster	1 x 65 KN

## TOWING EQUIPMENT

Winch	1 x K0101-80T; Single Drum; Electric-Hydraulic Control; Driven by Hyd-Motor Rated line Pull: 80T at 0-5 m/min; Max Brake Pull: 205T
Towing Drum	L1000 m x D56 mm
Towline	1 x L1000 m x D56 mm
Capstan	2 x 75 KN at 0-18 m/min
Tugger	2 x 100 KN at 0-15 m/min
Stern Roller	L4000 m x D1800 mm SWL 2500KN

## SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 25 Persons
Rescue Boat	1 x GJ6.0B-1,6m x 2.15m x 1.10m Speed ≥ 24 knots with 3 persons Speed > 20 knots with 6 persons
FiFi	FiFi 1; 2 x 1200 cu.m/hr Foam Tank: 9.85 cu.m
Antipollution	Dispersant Tank: 4.925 cu.m; Sprinkle Arm: 2 x 6 m; Oil Recovery Tank: 628.665 cu.m

## NAVIGATION & COMMUNICATION

Gyro-Compass	1 x TG8000
Magnetic Compass	1 x SH-165A1
Radar	1 x FAR-2127X; 1 x FAR-2137S
INMARSAT-C	1 x TT-3000E
SSB	Sailor system 5000MF/HF500W
VHF	3 x RT5022
GPS	2 x GP-150
Facsimile	1 x FAX-408
Wind Indicator	1 x KV-5020
Echo Sounder	1 x FE-700
Autopilot	PR-6000
Radio	1 x SAILOR SUSTEM 5000
EPIRB	1 x E5
NAVTEX	1 x NX-700A