

HAIYANGSHIYOU 609/610

GENERAL DATA

Year Built	2008 / 2009
Builder	Dalian Liaonan Shipyard, China
Design	SDARI
Type	Stand-by Vessel
Flag	CHINA
Registry Port	Zhanjiang
Class NO.	08X0222 / 09D0071
IMO NO.	9545338 / 9545340
Call Sign	BYBD / BYBE
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	1850 t

PERFORMANCE

Maximum Speed	14.5 Knots
Economic Speed	12 Knots
Bollard Pull	80 t

DECK CAPACITIES

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

CARGO CAPACITIES

P. Water	244.593 cu.m
D./B. Water	1056.129 cu.m
Diesel Oil	715.797 cu.m
Liquid Mud	374.33 cu.m
Brine	254.533 cu.m

DISCHARGING RATES

P. Water	120 cu.m/hr at 1.0 MPa
D./B. Water	120 cu.m/hr at 1.0 Mpa
Diesel Oil	100 cu.m/hr at 1.0 Mpa
Liquid Mud	75 cu.m/hr at 1.80 Mpa
Brine	50 cu.m/hr at 1.60 Mpa

ACCOMMODATION

Crew	15 Bunks
Rescue Capacity	100 Bunks



MACHINERY & PROPULSION

Main Engine	4 x YANMAR 8N21A-EN
Horsepower	4 x 1324 KW, Total 7202 HP
Propeller	2 x 4 blades C.P.P.
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 & AH EQUIPMENT

Winch	1 x K0101-80T; 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	L4600 m x D1800 mm SWL 2500KN

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 25 Persons
Rescue Boat	1 x GJ6.0B-1, 6.02m x 2.15m x 0.90m Speed ≥ 20 knots with 6 persons
FiFi	FiFi 1; 2 x 1200 cu.m/hr FiFi Foam Tank: 9.85cu.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	TG-8000
Magnetic Compass	SH-165A1
Radar	1 x FAR-2127 X; 1 x FR-2137 S
INMARSAT-C	1 x TT-3000E
SSB	Sailorsystem 5000MF / HF500W
VHF	RT5022
GPS	1 x GP-150
Facsimile	FAX-408
Wind Indicator	KV5020
Echo Sounder	FE-700
Autopilot	PR-6000
Radio	1 x FS-5000
EPIRB	1 x 406MHZ(1 x E5)
NAVTEX	1 x NX-700A