

## HAIYANGSHIYOU 683

### GENERAL DATA

Year Built	1991
Builder	Argos Engineering PTE.,Singapore
Type	Tug Supply Vessel
Flag	CHINA
Registry Port	Tianjin
IMO NO.	9005340
Call Sign	J7AZ9
Classification	CCS

### MAIN DIMENSIONS

L.O.A.	73.6 m
B. Mld.	16.4 m
D. Mld.	8.0 m
Draft.Summer	6.85 m
Gross Tonnage	2335
Net Tonnage	924
Bollard Pull	Continuous 166.0 tons (DnV-approved)

### DECK CAPACITIES

Deck Area	41.7 m x 13.3 m, 554.6 sq.m
Deck Cargo	1200 t

### CARGO CAPACITIES

P. Water	598.2 cu.m
D. Water	816.2 cu.m
Fuel Oil	718.5 cu.m
Brine	356.9 cu.m Max S.G.2.8
Dry Bulk	284cu.m(2tanks x 106cu.m+2tanks x 36cu.m)

### ACCOMMODATION

Total Berths	23
	9 x 1person cabins
	7 x 2person cabins

### MACHINERY & PROPULSION

Main Engines	15612BHP/11642KW 2 x Wartsila Vaasa 3346 BHP/2495KW 2 x Wartsila Vaasa 4460 BHP/3326KW
Thrusters	1 x 1088BHP/800KW retractable Azimuth 1 x 1000BHP/735KW c.p.p.in tunnel(fwd.) 1 x 1200BHP/882KW c.p.p.in tunnel(aft.)

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Generator Sets	Shaft Generator: 2 x 1800kw Diesel Generators 2 x 280kw Voltage 440V,60Hz
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### Towing / Anchor-handling Equipment

Main Tow Wire	1400meters x 77mm
Spare Tow Wire	1400meters x 77mm
Work Wires	2 x 1400meters x 70mm
Storage Reels	2 x 1800meters x 74mm capacity 1 x 1200meters x 76mm capacity
Winch Capacity	Pull 300tons,brake 400tons
Towing Pins	4 x hydraulic towing pins with flaps
Wire/Chain Stoppers	2 x Standard Korm Forks.Air gap 102mm
Chain Lockers	2 x 80m3=160m3 total (+/-2 x 900meters 76mm rig chain)
Stern Roller	250cm x 600cm,SWL 500 tons

### NAVIGATION & COMMUNICATION

Radio Station	GMDSS-Sea area A3 Furuno Felcom 15 Includes HF / MF and Inmarsat C
Telex	Inmarsat C and Radio HF/MF-telex/DSC
VHF	2 x Ratheon STR 8400 with DSC 2 x Sailor Compact RT-2047
Portable VHF	3 x Tron
Portable UHF	Motorola GP-340
SART	Jotron 9 Mz
EPIRB	Jotron 406
Control	Rolls Royce Poscon JOYP323
Auto pilot	Schautz Nautopilot D
Gyro Compass	Gyrostar
Radars	Furuno FR 2115,3cm Furuno FR 2835S,10cm Furuno FR 1510MKIII,3cm
Echo Sounder	Simrad Skipper ED 165
Satellite Navigator	Furuno GP-90/GP-31(GPS)
Navtex Receiver	Furuno NX-500
AIS	Saab R-4