

HAI YANG SHI YOU 670/671/672/673/677/678/679**GENERAL DATA**

Year Built	2015/2016
Design	Wartsila Ship Design
Type	AHTS
Flag	CHINA
Classification	CCS
Class Character and Notations	★CSA Offshore Tug/Supply Ship, Anchor Handling, Stand-by Ship, Fire Fighting Ship I, DP-2 Ice Class B, In-Water Survey ★CSM AUT-0

MAIN DIMENSIONS

L.O.A.	74.1 m
B. Mld.	18.0 m
D. Mld.	7.5 m
Draft Load	~6.40 m+0.8m(stern skeg)
Gross Tonnage	3611 t
Deadweight	2690 t

PERFORMANCE

Eco Speed	~12.0 Knots
Maximum Speed	~16.0 Knots
Bollard Pull	163.5 t

DECK CAPACITIES

Deck Area	560 sq.m
Deck Cargo	1000 t
Deck Loading	5 t/sq.m

CARGO CAPACITIES

P. Water	~584 cu.m
D./B. Water	1464 cu.m
Diesel Oil	999 cu.m(incl. combined tanks)
Bulk	~193 cu.m (4 Tanks)
Mud/Brine	685 cu.m/354cu.m
Base oil	~354 cu.m

DISCHARGING RATES

P. Water	1 x 150cu.m/hr @ 100 m
D. Water	1 x 150cu.m/hr @ 100 m
B. Water	1 x 150cu.m/hr @ 100 m
Diesel Oil	2 x 120cu.m/hr @ 100 m
Liquid Mud	2 x 75cu.m/hr @ 90 m
Methanol/ Base oil	120 cu.m/hr @ 100 m

ACCOMMODATION

Crew	16
Passenger	12

**MACHINERY & PROPULSION**

Main Engine	2 x Weichai MAN 8L27/38 & 2 x 6L27/38
Horsepower	2 x 2720KW, 2 x 2040KW Total 9520KW
Propeller	2 x CPP
Generator Sets	Auxiliary Generator : 2 x 330KW Shaft Generator: 2 x 1800KW Emergency generator: 1 x 116KW
Bow Thruster	2 x 12.3 t (CPP) 1 x 12.3 t (CPP)

DECK EQUIPMENT

Towing Winch Cap	3 x 250T @ 8.5-60m/min
Capstan	φ 70mm 5500m 2 x 7.5T @ 15m/min
Stern Roller	L6000mm(2rollers)XD3000mm,MWL,500t
Towing Pins	2sets/vessel Max Working Lord: 160t
Shark Jaw	2sets/vessel Max Working Lord: 400t
Tugger	2 x 15t @ 0-20m/min
Deck Crane	1 x 3t@12m

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6 x 25 Persons
Rescue Boat	1 x 6 men
Fifi	FIFI-1
Antipollution	

NAVIGATION & COMMUNICATION

Gyro-Compass	1 x NAVIGAT X MK 1 (SPERRY)
Magnetic Compass	1 x NAVIPOL I (SPERRY)
Radar	1 x VISION MASTER FT(SPERRY); 1 x VISION MASTER FT(SPERRY) (S) 1 x Sailor 6110 (T&T)
INMARSAT-C	1 x R5 (SAAB)
GPS	1 x NaviPilot 4000
Autopilot	1 x SE406 (T&T)
EPIRB	1 x NX-700A (T&T)
NAVTEX	1 x NX-700A

DP System

DP2	Marine Technologies LLC
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