

GUO HAI MIN CHENG — 12000HP AHTS

GENERAL DATA

Year Built	2022
Builder	JIANGMEN HANGTONG SHIPBUILDING CO.,LTD. OF CCCC FOURTH HARBOR ENGINEERING CO., LTD.
Type	AHTS
Classification	CCS
Class Notations	+A1(E) OFFSHORE SUPPORT VESSEL(SUPPLY- HNLS, TOW, AH, FFV2,OSR-C2)+AMS, DPS-2,ACCU,SPS,RW

MAIN DIMENSIONS

L.O.A	79.80 M
B.Mld.	19.20M
D.Mld	8.0M
Draft load	6.45M
Deadweight	4218T
Deck Area	630 m²

CARGO CAPACITIES

P.Water	800M³
D./B.Water	1200 M³
Diesel Oil	900M³
Bulk	170 M³
Mud	750 M³
Base Oil	150 M³

DISCHARGING RATES

Diesel Oil	2 x 150m³/h @ 7.5bar
P.Water	1 x 100m³/h @ 7.5 bar
D./B.water	1 x 100m³/h @ 7.5 bar
Mud/L.F.P.liquid	2 x 75m³/h @ 9 bar
Base Oil	1 x 50m³/h@9bar

ACCOMMODATION

Single berth Cabins	16 P
Two berth Cabins	36P
Complement	52P

SAFETY & FIFI & ANTIPOLLUTION

Life Raft	6×25Person
FIFI	FIFI-2
Sewage Treatment	1 x 70men/day



MACHINERY & PROPULSION

Main Engines	Rolls-Royce B32:40L9PCD 2 x 4500kw/750rpm
Propeller	Rolls-Royce 2 x CPP +Gear Box +Nozzle
Main Generator Sets	Caterpillar C18: 3 x 550kw diesel driven
Shaft Alternators	Rolls-Royce 850GHC 2 x 2300 KW
EM.Generator	Caterpillar C9: 1 x 238kw diesel driven
Bow Thruster	Rolls-Royce TT1850 DPN CP: 2 x 12.0t
Stern Thrusters	Rolls-Royce TT1850 DPN CP: 2 x 12.0t

NAVIGATION&COMMUNICATION

NAVTEX	1 x Furuno NX-700A
INMARSAT-C	2 x FurunoFelcom -18
DGPS	Furuno GP-170
Echo Sounder	Furuno FE-800
Magnetic Compass	Lilley & Gillie MK2000
Gyro-Compass	Anschutz Standard 22
Electronic Chart System	Furuno FMD-3200-BB

DECK EQUIPMENT

Anchor Handling Towing Winch	1 x 350 t @ 10m/min Rolls-Royce
Storage Reel	2 x 20 t @ 19m/minRolls-Royce
Crane	1 x 3 t /10m
Tugger Winches	2 x 17 t @ 29m/min
Shark Jaws	2 x SWL 350 t
Capstans	2 x 10 t @ 14m/min

DP SYSTEM

DP 2	Kongsberg
------	-----------

PERFORMANCE

Economic Speed	10-13 Knots
Maximum Speed	14.0 Knots
Bollard Pull (100% MCR)	165t