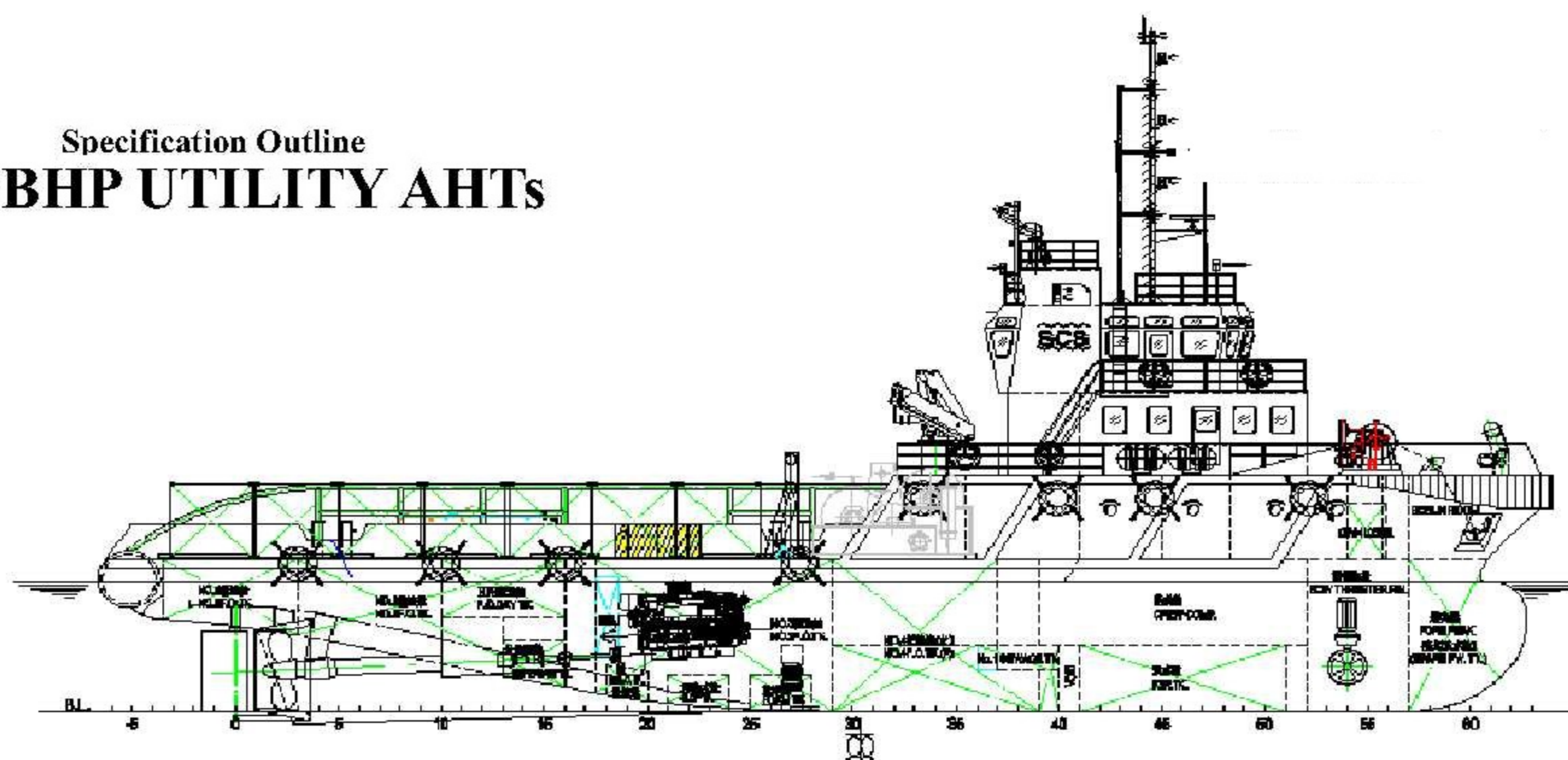


Specification Outline 4400BHP UTILITY AHTs



Classification Notation:

BV I **HULL** **MACH** Tug, Fire Fighting Ship 1-Water Spraying, Special Service - Anchor Handling Vessel/Offshore Support Vessel/Standby Vessel, Unrestricted Navigation

Flag:

Hong Kong or Flag of Convenience

Year Built:

2021, Ready for delivery

MAIN PARTICULARS

Length O.A.	42.00m
Length B.P.	36.45m
Beam MLD.	11.00m
Depth MLD.	4.90m
Berth	26 Ps
Cruising Draft	3.50m
Offshore Draft	4.15 m (max)
GT	497.00
NT	149.00
Trial Speed	~15.51 Kn

CAPACITY & LOADING

F.O	~326.02 m ³
F.W.	~83.32 m ³
FiFi Foam	~9.07 m ³
Dispersant	~5.77 m ³
Daily F.O. tank(P)	10.14 m ³
Daily F.O. tank(S)	8.24 m ³
Lub. Oil	~3.17 m ³
Cargo deck area	~160.00 m ²
Cargo deck load	5.00 ton/m ²
Deck thickness of anchor handling area	22 mm

MAIN DECK MACHINERY

- 1 x Electric anchor windlass
 - Bow anchor 2 x 660kg
 - Anchor chains: Φ26mm x 275m, AM2
- 1 x Hydra. Capstan
 - Φ22 mm, 5ton x 15 m/min
- 1 x Hydra. Tugger Winch
 - Φ22 mm, 10/5ton x 15 m/min
- 1 x Hydra. Anchor handling & Towing Winch set
 - Type: Double drum
 - Reel Storage (Wire): Φ52mm x 1000m
 - Steel Wire equipped on actual vessel: Φ52mm x 600 m)
 - Line pulling : 65ton
 - Brake holding : 180ton
- 1 x Hydraulic Folding Type Crane(*)
 - SWL 0.95ton @ 11.60m
- 1 x Hydraulic Strong Jaw & Towing Pin
 - Capacity 200ton,
- 1 x Stern Roller
 - Φ1.6M x 4m, SWL 200ton

MAIN MACHINERY & PROPULSION UNIT

Main Engine	2 x Cummins QSK60-M
BHP	2200BHP @ 1800RPM
Reduction Gear Box	2 x Twin Disc MGX5600
Ratio	5.76 : 1
Fixed Pitch Nozzle Propeller	2 x 4 blades
Bow Thruster	1 x JYG16FP (Front/aft control console)
Power	200kW
Thrust	3.5ton
Main Marine Genset	2 x Cummins 240MXDG
Power	240kW / 400V / 50Hz / 3 Φ
Emergency/harbour Genset	1 x Cummins CCFJ-60Y
Power	60kW / 400V / 50Hz / 3 Φ
Electro-hydraulic steering-gear Maker	1 x 3.5 T-M Marine Equipment
Other main pump sets	Desmi

MAIN AUXILIARY SYSTEM

Bilge Oily Water Separator	1 x 0.5m ³ /h (comply MARPOL)
Sewage Treatment Plant	1 x 30-33ps (comply MARPOL)
Sea / Fresh Water Pressure Set	1 x 200 L / 100 L
Electric Hot Water Heating	1 x 100 L, 18kW
Sea Water Desalination Plant(*)	1 x 0.25 m ³ /h
Electric Air Compressor (own Air Reservoir)	1 x 0.20 m ³ /min @ 8 kg/cm ²
Emergency Electric Fire Pump	1 x 25 m ³ /h @ 0.43Mpa
Oil Dispersant Dispersing Boom	2 x 6m Droplet Size 500-1200micron
E/R Electric Ventilation Fan	2 x 30,000 m ³ /h @ 490 Pa
External F. W. Supply Pump Set	1 x 36 m ³ /h
External F. O. Supply Pump Set	1 x 36 m ³ /h

MAIN LIFESAVING & FIFI EQUIP.

- In compliance with the SOLAS requirements as regards such GRT class Anchor Handling Tug, Lifesaving & FIFI equipment.
- Engine room CO₂ Quick FIFI system as per BV Rules
- Electric remote control water/foam dual purpose Monitor: 2 x 1200m³/h
- External FI-FI Pump: Single step horizontal centrifugal pump 1 x 2450m³/h.

MAIN RADIO & NAV. EQUIP.

Radar	1 x Furuno FAR-2117
Echo Sounder	1 x Furuno FE-700
Speed Log	1 x Furuno DS-80
Anemometer	1 x Furuno FI-50
GPS	1 x Furuno GP-150
Electrical Horn	1 x IBUKI ES300
Autopilot(*)	1 x Navitron NT-777
Vertical Periscopic Reflector Compass	1 x CGT-165
Steering Magnetic Compass	1 x CPT-130
Sound Power Tele.	1 x HSQ-1
Public address system	1 x CKY
AIS	1 x Furuno FA-150
A3 sea GMDSS	
MF/HF SSB	1 x Furuno FS-1570
Inmarsat-C (SSAS)	1 x FELCOM-15(IC-307)
Inmarsat-C	1 x FELCOM-15
VHF telephone	2 x Furuno FM-8800S
NAVTEX	1 x Furuno NX-700B
SART	1 x McMurdo S 4
EPIRB	1 x McMurdo E 5
Portable VHF	2 x McMurdo R 5

AIR COOLER SYSTEM

- Centralized air conditioning system (cooling) for wheelhouse, mess and accommodation spaces.
- Additional split-type air conditioner for engine centralized control room.

CABINS & AUXILIARY CABINS

- 2 x single Senior Officer Cabins
- 2 x two men Cabins
- 5 x four men Cabins
- 1 x Combined Provisions Freezer
- 1 x Emergency Generator Room
- 1 x Engine Centralized Control Room
- 1 x Slop Tank
- 1 x Residual Oil Tank
- 2 x Sanitary Sewage Tank
- 1 x Foam Tank
- 1 x Dispersant Tank
- 1 x AHU Room

(Remarks (*) are as additional items, which are not included in the quotation. If the buyer of this vessel needs to keep these additional items, the buyer must additionally pay the fee.)