

4400BHP UTILITY AHTS

General

Class: BV I +HULL +MACH TUG; SPECIAL SERVICE - ANCHOR HANDLING VESSEL, OFFSHORE SUPPORT/STANDBY VESSEL; FIRE-FIGHTING SHIP 1 - WATER SPRAYING, unrestricted navigation

Navigation Area: International Unrestricted

Flag: Hong Kong

Year built: 2018

Dimensions and Capacities

Length (m): 42.00

Breadth (m): 11.00

Depth (m): 4.90

Max draught (m): 4.15

GRT:499

NRT:149

Fuel tank: ~326.02m³

Fresh water tank: ~83.34 m³

FiFi Foam: ~9.07m³

Dispersant:~5.77m³

Daily F.O. tank: 10.14+8.24m³

Lub. Oil:~3.17m³

Cargo deck area: ~160m²

Cargo deck load: 5ton/m²

Deck Cargo: 9 TEU

Deck thickness of anchor handling area: 22mm

Machinery

BHP main engine: 2,200AT1,800rpm

Number of main engine: Two

Maker: Cummins

Reduction Gear Box:

Ratio: 5.76 : 1

Number: 2

Maker: Twin Disc

Generator: 240kW/3ph/440V/50Hz

Maker: Cummins

Number of generator: Two

Emergency Genset: 60KW /400V/50HZ/ 3PH

Number of generator: One

Maker: Cummins

Propeller: Fixed Pitch Nozzle Propeller x 2 (4 blades)

Bow Thruster: 1 x 200 KW

Electro-hydraulic steering-gear: 1 x 3.5 T-M

Marine Crane(*):

One set of SWL 0.95ton AT 11.60m

Towing Equipment

Electric anchor windlass:

One set, 2 anchors, 660kg weight each

dia26mm x 275m Anchor chains of class AM2

- Hydraulic Capstan

One set, 22 mm, 5ton x 15M/min

- Hydraulic Tugger Winch

One set, 22 mm, 10/5ton x 15 M/min

- Electro-hydraulic Anchor handling & Towing Winch set:

Type: Double drum(With tension meter)

Reel Storage (Wire): 52mm x 1000m

Line pulling : 65ton

Brake holding : 180ton

- Towing steel wire: 52 mm x 600m

- Hydraulic Strong Jaw

One set Capacity 200ton, rope Size

30~70 mm / Chain Size 30~70 mm

- Hydraulic Towing Pin

One set Capacity 200ton, height above deck 700 mm

- Stern Roller

One set 1.6m x 4m, SWL 200ton

Performance

Bollard pull: ~60T

Radio and Navigation Equipment

Radar: 1x Furuno FAR-2117

Echo Sounder: 1x Furuno FE-700

Speed Log: 1x Furuno DS-80

Anemometer: 1x FI-50
GPS: 1x Furuno GP-150
Electrical Horn: 1x IBUKI ES300
Autopilot: 1x Unikas CD-50
Vertical Standard Magnetic Compass: 1x CGT-165
Steering Magnetic Compass: 1x CPT-130
Sound Power Tele.: 1x HSQ-1
Public address system: 1x CKY
AIS: 1 x Furuno FA-150
A3 sea GMDSS
MF/HF SSB: 1x Furuno FS-1570
Inmarsat-C: 2 x FELCOM-15
VHF telephone: 2x Furuno FM-8800S
NAVTEX: 1x Furuno NX-700B
SART:1x Pathfinder 3 SART
EPIRB: 1x ACR RLB-32
Portable VHF: 2 x ACR SR-102
CCTV Monitoring System: 1x EAGLE w-328

Accommodation: 26