

5150 Hp ASD Tug

Class: BV I +HULL +MACH, AUT-UMS, Tug, Escort Tug, Special Service - Utility Vessel,
Fire fighting ship 1, Water spraying, Unrestricted navigation
Navigation Area: Unrestricted navigation
Flag: Hong Kong
Year built: 2018

(2) Dimensions and Capacities

Length (m): 30.00
Breadth (m): 12.00
Depth (m): 5.50
Max draught (m): 4.60
Fuel tank: ~210.00 m³
Fresh water tank: ~49.07 m³
FiFi Foam: 17.42m³
Dispersant: 8.35m³
Lub. Oil: 2.435m³
GRT: 397
NRT: 119

(3) Machinery

BHP main engine: 2600PS(1920kW) AT 750rpm
Number of main engine: Two
Maker: Yanmar 6EY26W

Generator: 150KW /400V/50HZ/ 3ph
Number of generator: Two
Maker: Cummins QSB7-DM

Propeller: ASD, Schottel SRP 1215 FP
Maker: Schottel

External FIFI System:

(BV - FIFI 1 Class)

- Firefighting Monitor

2 x 1200/300m³/hr(sea water/foam), range 120m(sea water) height water throwing 50m(water)

- Firefighting Pump: 1x2760M³ AT 120MLC

- Maker: FFS

(4) Towing Equipment and others

- Hydraulic Windlass & Escort Winch Set:

Maker: Jebsen & Jessen Offshore

Anchor weight: 2 x 570 kg

Diameter of anchor chain: 20.5 mm

Rated hauling speed: 1.8t AT 0~10m/min

Capacity(P.P. Wire): 100mm x 120m

Brake Holding: 200t
Rated pull: 30t AT 0~10 m/min

-Single Reel Hydraulic Towing Winch Set: (*)
Capacity(Steel Wire):dia 56mm x 700m
(Steel Wire equipped on actual vessel: dia 56mm x 600m)
Brake Holding: 180t
Rated pull: 30t@0~10m/min
Hydraulic emergency release

- Hydraulic Folding Type Crane(*)
SWL9.75m /1.25t
One Set

- Spilled Oil Dispersant Boom

(5) Performance
Bollard pull: ~60T

(6) Radio and Navigation Equipment

Radar: 1xJRC JMA-5212-6
Echo Sounder: 1xJRC JFE-380
Speed Log: 1xYokogawa EML 500
Anemometer: 1xRM. YOUNG 06206
GPS: 1xJRC JLR-7500
Electrical Horn: 1xIbuki ES300
Autopilot: 1xALPHASEAPILOT MFC
GPS Compass: 1xJRC JLR-21
Vertical Standard Magnetic Compass : 1xCGT-165
Steering Magnetic Compass(*):1xCPT-130
Sound Power Tele.: 1x12KSL
Public address system: 1xKSGB-JQ
AIS: 1xJRC JHS-183
GMDSS A3 sea
MF/HF SSB: 1xJRC JSS-2150
Inmarsat-C(SSAS): 1xJRC JUE-87
Inmarsat-C: 1xJRC JUE-87
VHF telephone: 1xJRC JHS 770S
NAVTEX: 1xJRC NCR-333
Bridge Alarm: 1xJIAXING KEXUN KBJ-3
SART: 1xJOTRON TronSart20
EPIRB: 1xJOTRON Tron60S
Portable VHF: 2xENTEL HT-64

(7) Accommodation: 12