



38m Multipurpose/Utility

[AMS REF: UV/2601]



GENERAL PARTICULARS

Type of Vessel : Tug Boat
 Year Built : 3rd of Sep 2021
 IMO No / Call Sign :
 Port of registry: Busan, Republic of Korea
 Classification : Korean Register (KR)
 KRS1/KRM1 Tug Boat - Fire Fighting(GC) , IWS

PRINCIPLE PARTICULARS

Length Overall : 38.0m
 Length between Perpendiculars : 35.53m
 Breadth (MLD) : 10.0m
 Depth (MLD) : 4.0m
 Draft (Design) : 3.0m
 Draft (Scantling) : 3.3m (approx)
 Dead Weight : 350T (approx)
 Deck Load : approx. 2.5T/m2
 Speed : approx. 10 knots
 Bollard Pull : approx 24.68T (ahead) at 100% MRC
 Deck Cargo Space : approx. 120m2
 GRT / NRT : 455 / 136 T (Korea tonnage 293ton)

ACCOMMODATION

Complement : 22men (1 man x 2cabin /2men x 4cabin /4men x 3cabin)
 Mezzanine Deck : approx 25m2 on port side of F'cle deck
 Container Office : 8men meeting room on Mezzanine Deck

TANK CAPACITY

Fuel Oil : approx. 150m3
 Fresh Water : approx. 100m3
 Lub Oil : approx. 19m3
 Foam / Dispersant : approx 1.5m3/1.5m3
 Ballast Water : approx. 80m3
 Sewage : approx. 15m3
 Dirty Oil : approx. 6m3
 Bilge Tank : approx. 6m3

DECK MAHCINERY

Windlass : x1 set JSEA windlass 3T@10m/min (for 22mm U3chain)
 Aft Towing Winch : x1 set JSEA single drum towing winch 20T@8m/min
 400m x 32 mm dia SWR
 Deck Crane : x1 set Palfinger PK12000(M)C fully hydraulic foldable marine crane
 Tugger Winch : x1 set OLES-HW 5T@15-30m/min (for 18-24mm Wire)
 A-Frame : x1 set OLES-25T 25T SWL, 4.5m outreach

COMMUNICATION EQUIPMENTS

GMDSS Station Area 2 : x1 set GMDSS VHF Radio Furuno FM 8900S
 GMDSS MF/HF Marine Radio : x1 Set GMDSS MF/HF Marine Radio Furuno CFS-1571
 VHF : x1 set Add VHF (Non GMSS Approved) Simrad RS-12
 Navtex Receiver : x1 set GMDSS Navtex Receiver JMC NT 1800
 Gyro Compass : x1 set Gyro Compass Somrad GC80
 Auto Pilot : x1 set Auto Pilot System Simrad AP70/80
 Radar : x1 set X-Band ARPA Radar Furuno FAR 2117D
 Echo Sounder : x1 set Echo Sounder Furuno FE700
 Speed Log : x1 set Doppler Speed Log Furuno DS80
 GPS : x1 set Furuno GP 150
 GMDSS Portable VHF Radio : x2 sets Furuno R5
 AIS Systems : x1 set AIS Furuno FA150
 SART/LRIT : x1 set Furuno FELCOM-19SSAS
 Common Battery Telephone : x1 set Common Battery Telephone System Hanshini HCT-12S
 Talk Bulk / Public Address : x1set Talk Back/PA Hanshin HPA-7 300
 BNWAS : x1 set Le Guardian 2025 BNWAS
 Epirb : x1 set Mmurdo E5 GMDSS Epirb

ENGINE MACHINERY

Main Engine : x2 sets YANMAR Propulsion Engine c/w Gearbox Model 6EY17 x YXH-500P (1138Ps/837kw x 1450RPM)
 Propeller : x 2sets 2000mm dia Ni-AL Bronze x Propeller approx 327 RPM
 Bow Thruster : x1 set SMMC Type TT 700-FP -- 700mm dia x Nominal Thruster approx 20 kn @ 700 RPM
 Stern Thruster : x1 set SMMC Type TT600-FP -- 600mm dia x Nominal Thruster approx 12kN @700 RPM
 Main Gen Set : x3 sets Volvo D 7 A TA 163kva (130Kw) 415V/3ph/50Hz
 Sewage Treatment Plant : x1 set CKST 25 Sewage Treatment Plant for 20 person
 Engine Room Fan : x2 sets Axial Hison 900mm dia Supply Fan
 Air Compressor : x 1 set DENO compressor DPA 3-10-5 Cap 27m3/hr x 7 bars & 1 no Air receiver 2.5l / 11 Bars
 Fuel Oil Purifier : x1 set Westfalia OCT 2-02-137 FO Purifier cap 900ltr/hr
 External Fire Pump : x set FFS SFP250x350XP Fire Pump cap. 600 m3/hr @ 125 mic
 Main Switchboard : x1 set HY MSB with Terasaki breaker
 Bilge/Ballast Pump : x1 set Desmi S80-70-220N/A09 horizontal self priming pump cap. 30m3/hr@45 m
 GS/Fire Pump : x1 set Desmi S80-70-220N/A09 horizontal self priming pump cap. 35 m3/hr@45 m
 Fuel Oil Transfer Pump : x1 ltr RC1-1/2 horizontal gear pump cap 5m3/hr@20m
 Emergency Fire Pump : x1 set 30/15 m3/hr @ 20/40 m
 FW Pressure Set : x1 set Grundfos CR3-7 vertical centrifugal cap 3m3/hr@35m c/w 135ltrs diaphragm tank
 SW Pressure Set : x1 set Grundfos CR3-7 vertical centrifugal cap 3m3/hr@35m c/w 135ltrs diaphragm tank
 Dirty Oil Pump : x1 set ltr RC 1 horizontal gear pump cap3m3/hr@25m
 Sewage Pump : x1 Innox min 50-1 eccentric screw pump cap4m3/hr@30m
 LO Priming/Stby Pump : x2 sets RC 3R horizontal gear pump cap27m3/hr@50m
 Oily Water Separator : x1 set Boss ST -107 Oily Water Separator 1 m3/hr
 Engine Telegraph : x1 set Palmarine electric engine telegraph
 Air Condition Systems : x1 set JL sea water cooled marine air-conditioning condensing unit with x2 units of 100% compressor; x1 set of sea water cooled split air-conditional for wheelhouse
 Defrosting System : x1 set wheelhouse demister system

SAFETY EQUIPMENTS

Rescue Boat : x1 set Narwal SV420 Rescue Boat Cap 6 men (SOLAS)
 Fire Monitors : x1 set FFS 600/300FB remote control water/foam Capacity 600m3/hr/300m 3/hr
 Oil Dispersant Systems : x2 set soft centre Cflat Spray VeeJey Nozzles (Fixed Type)
 Fire Extinguisher : x1 set portable fire extinguisher as / Class approved Safety Plan
 Co2 Systems : x1 set Tetra Fire CO2 system for engine room
 Fire Detection System : x1 set Tetra Fire Fire Detection & Alarm System
 Search Light : x2 sets 300D Deck Control searchlight x 1000W
 Flood Light : x3 sets Halogen Flood lights x 500W
 Flood Light : x2 sets Halogen Flood lights x 200W

GALLEY EQUIPMENTS

Washing Machine : x2 sets Arox Front Loading washing Machine Cap 10 kg
 Dryer : x2 sets Arox Tumble Dryer Cap 9 kg
 U.V. Steriliser : x1 set Aqua Pro UV Steriliser
 Electric Cooking Range : x1 set Arox s/s cooking range c/w 4-hot plate & convention oven
 Food Waste Disposer : x1 set Disperator undersink waste disposer cap.100 meal/day
 Heater/Calorifier : x1 set Hova Water Heater/Calorifier Cap 35 gallons
 Calorifier : x1 set Hova electric water heater cap. 300ltrs

MISCELLANEOUS ITEMS

Clear View Screen : x2 sets kW300 Clear View Screen
 Wipers : x4 sets HEPWORTH 50NM marine wiper
 Pilot Chair : x2 sets HELMSMAN Pilot Chair c/w headset, pedestal, footrest and 1x 2.4m deckslide
 Air Horn : x1 set Ibuki A100 air horn
 Battery Charger : x2 sets Victron battery charger

REMARKS - All information above are summary from the contracts Spec and other info, and might differ from the updated contract Spec. which allways shall be the valid document.

For any enquiry, please drop us a email at marketing@amsbach.com.sg.

