

### SPECIFICATION OUTLINE

## 5200PS HANDYSIZE ASD TUG

Vessel Developer: Vessel Name (IMO No.):

Classification Notation: BV I \*HULL \*MACH, AUT-UMS, Tug, Escort Tug, Special Service - Utility Vessel, Fire fighting ship 1, Water spraying,

Harbour Operation

Flag:

Year Built: Under Construction

Main Particulars		
Length O.A.	30.00 m	
Length B.P.	23.20 m	
Beam MLD.	12.00 m	
Depth MLD.	5.50 m	
Berth	12 Ps	
Harbour Operation /		
Escort Draft	4.00 m	
Offshore Draft	4.60 m (max)	
Design Speed	~12.00 Kn	
GRT	~397 t	
NRT	~119 t	

# Main Capacity

F.O.	~210.00 m <sup>3</sup>
F.W.	$\sim 49.07 \text{ m}^3$
FiFi foam	$17.42 \text{ m}^3$
Spilled Oil dispersant	$8.35 \text{ m}^3$
Lube Oil	$2.435 \text{ m}^3$

## Main Escort/Anchoring Equip.

#### One set Hydraulic Escort/Towing /Anchor Windlass Winch set

- Anchor weight :  $2 \times 570 \text{ kg}$
- Diameter of anchor chain : Φ20.5 mm
- Rated hauling speed:1.8t@0~10m/min
- Capacity:φ100mm×120m (P.P. Wire)(\*)
- Brake Holding: 200t
- Rated pull: 30t @ 0~10 m/min

# One set Disc type short towing hook

- SWL: 80t

#### One set Stern Roller

- Ф0.8m × 3.0m

Main Machinery & Propulsion Unit	N
n Engine	Radar

#### 2 × Yanmar 6EY26W (IMO Tier II) - Model 2600PS(1920kW)@750rpm - Power Marine Gen. Sets - Model 2 × Cummins QSB7-DM (IMO Tier II) 150kW / 400V / 50Hz / 3Φ - Power **ASD Propellers** Schottel - Maker - Model 2 × SRP 1215 FP Main Pump Sets Azcue

Oily Water Separator  $1 \times 0.5 \text{m}^3/\text{hr}$ 

Sewage Treatment Plant  $1 \times 15$  persons External FIFI System (BV FI-FI 1 class)

- Maker FFS

Firefighting Monitor 2×1200/300m³/hr (sea water/foam)
 Firefighting Pump 1×2760m³/hr@120mlc

Lifesaving & FiFi Equip.

- Lifesaving & FiFi equipment which are in compliance with the SOLAS requirements, Hong Kong or flag state's Merchant Shipping Ordinance and class notation requirements
- CO2 Fire Fighting System as per BV Rules
- Electric Fire Bilge Pump Set ability:  $2 \times 14 \text{m}^3/\text{hr}$
- Spilled Oil Dispersant Boom

# Main Radio & Nav. Equip. Radar 1×JRC JMA-5212-6

Echo Sounder 1×JRC JFE-380 Speed Log 1×Yokogawa EML 500 Anemometer 1×RM. YOUNG 06206 GPS 1×JRC JLR-7500 Electric Horn 1×Ibuki ES300 **GPS** Compass 1×JRC JLR-21 Vertical Standard Magnetic Compass 1×CGT-165 Sound Power Tele. 1×12KSL Public address system 1×KG-1D AIS 1×JRC JHS-183 Bridge Alarm 1×JIA XING KEXUN KBJ-3 1×JRC JHS 770S VHF telephone NAVTEX 1×JRC NCR-333 SART 1×JOTRON TronSart20 **EPIRB** 1×JOTRON Tron60S

# Air Conditioning System

2×ENTEL HT-649

- -Equipped with multi split air conditioner system for Wheelhouse, Mess Room, Captain Room and Chief Eng. Room and other crew rooms.
- Equipped split-type air cooler for engine centralized control room.

# Cabin & main living facility

- 2×Senior Officer Cabin for single
- 5×Crew Cabin for two men

Portable VHF

- $1{\times} Horizontal$  dual temperature freezer /refrigerator with workbench
- 1×4-head electric stove with oven
- $1 \times Centralized$  electric water heater 80L
- 1×Track type Wheelhouse chair

(Remarks (\*) are as additional items, which are not included in the construction of the actual vessel and furnish. If the buyer of this vessel needs to add these additional items and appoints shipyard to do so, the buyer must additionally pay the fee to the shipyard.)

(Particulars given herein are believed to be correct but not guaranteed. Owners reserve the rights to amend specifications without notification.)

Specification Outline of 5200PS HANDYSIZE ASD TUG (E)

Updated at 2019/01/03