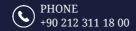


# **SEA THE FUTURE**



36m 95 TBP **ASD Tugboat** 





# RAstar 3600



# **DESIGN / BASIC FUNCTIONS**

Robert Allan Ltd. / Towing, pushing, escorting, mooring, fire-fighting

## **CLASSIFICATION**

I / C ♣ HULL ♣ MACH, AUT-UMS, ESCORT TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY

#### **DIMENSIONS**

#### **PERFORMANCES**

BOLLARD PULL 95 TBP SPEED 13,5 knots

## TANK CAPACITIES

 $\begin{array}{lll} \text{FUEL OIL} & 235,7 \text{ m}^3 \\ \text{FRESH WATER} & 148,2 \text{ m}^3 \\ \text{SEWAGE} & 9,0 \text{ m}^3 \\ \text{OILY WATER} & 4,6 \text{ m}^3 \\ \text{FOAM} & 36,3 \text{ m}^3 \end{array}$ 

## ACCOMMODATION

Crew Capacity 10 persons

HVAC (Accommodation) HVAC (Wheelhouse) HVAC (SWB room) Central AC unit with ducting to cabins Top-mounted split type A/C units Separate split type A/C unit

ARRANGEMENT 1 x master cabin

1 x officer cabin 4 x double crew cabin

#### PROPULSION SYSTEM

TOTAL POWER (95 TBP) 8210 BHP high speed diesel marine

engines

 $\begin{array}{ll} \hbox{EMISSION STANDARD} & \hbox{IMO Tier II / IMO Tier III} \\ \hbox{ASD UNITS} & \hbox{2 x Fixed Pitch propellers} \end{array}$ 

SHAFTING Composite shaft

BOW THRUSTER 1 x electrical driven bow thruster, 200

kW

# **AUXILIARY EQUIPMENT**

GENERATOR SET 2 x 315 ekW 1500 rpm 50 Hz

MACHINERY COOLING Box cooler

**SYSTEM** 

AIR-CONDITIONING A refrigerating plant capable for

100% of the total capacity comprising

the following main parts: 2x compressor & 2x condenser

FIFI 1 SYSTEM 2 x M/E driven 1350 m³/h FiFi pump

2 x water monitor, remote operated

FIFI 1 SYSTEM (OPT) 1 x M/E driven 2735 m³/h FiFi pump

 $2\ x$  water monitor, remote operated

# **DECK EQUIPMENT**

FORE TOWING WINCH Hydraulically driven double

drum escort winch

AFT TOWING WINCH Hydraulically driven single drum

towing winch

AFT TOWING HOOK SWL 100 tons, quick release type

FENDERS Rubber, Cylinder, W and D type

fendering

DECK CRANE 840 kg at 8,1 m reach

RESCUE BOAT CRANE 12 kN at 5 m

RESCUE BOAT One (1) rescue boat with heavy duty

sea water resistant hull with Solas

Engine 25HP

#### **OPTIONAL EQUIPMENT**

TOW PINS SWL 100 tons

#### NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO or JRC, in accordance with GMDSS area 3, including but not limited to:

Searchlight, Radar, DGPS Navigator, AIS Class A, Satellite Compass, Magnetic Compass, Navtex, Sounder, Weather Station, MF/HF Radio Telephone, Inmarsat Mini-C, Sart / EPIRB, Autopilot, BNWAS, Intercom, VHF, Handheld VHF, Batteryless Telephone, Speed Log/Echosounder.

