

# **SEA THE FUTURE**



28m 60/65/70 TBP **ASD Tugboat** 





# RAmparts 2800



#### **DESIGN / BASIC FUNCTIONS**

Robert Allan Ltd. / Towing, pushing, mooring, firefighting

#### **CLASSIFICATION**

I / C ★ HULL ★ MACH, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY

#### DIMENSIONS

# **PERFORMANCES**

BOLLARD PULL RANGE 60 - 70 TBP SPEED 12 knots

### TANK CAPACITIES

 $\begin{array}{lll} \text{FUEL OIL} & 150,9 \text{ m}^3 \\ \text{POTABLE WATER} & 25,4 \text{ m}^3 \\ \text{FRESH WATER} & 28,1 \text{ m}^3 \\ \text{SEWAGE} & 14,1 \text{ m}^3 \\ \text{OILY WATER} & 3,0 \text{ m}^3 \\ \text{SLUDGE} & 3,9 \text{ m}^3 \\ \text{FOAM} & 11,0 \text{ m}^3 \end{array}$ 

# **ACCOMMODATION**

Crew Capacity 8 (MLC Compliant)

HVAC (Accommodation) Central HVAC (Wheelhouse) Top-mo HVAC (SWB room) Separa

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

3 x double crew cabin

#### **PROPULSION SYSTEM**

TOTAL POWER (60 TBP) 4750 BHP high speed diesel marine

engines

TOTAL POWER (70 TBP) 5100 BHP high speed diesel marine

engines

EMISSION STANDARD IMO Tier II / IMO Tier III ASD UNITS  $2 \times Fixed Pitch propellers$  SHAFTING Carbon fiber shafting

# **AUXILIARY EQUIPMENT**

GENERATOR SET 2 x 99 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)  $1 \times M/E$  driven 2735 m<sup>3</sup>/h FiFi pump

2 x water monitor, remote operated

## **DECK EQUIPMENT**

FORE TOWING WINCH Hydraulically / electrically driven

double drum winch

AFT TOWING HOOK SWL 70 tons, quick release type CAPSTAN SWL 5 tons, electric driven FENDERS Rubber, Cylinder, W and D type

fendering

#### **OPTIONAL EQUIPMENT**

AFT TOWING WINCH Hydraulically / electrically driven

single drum towing winch

DECK CRANE 840 kg at 8,1 m reach

RESCUE BOAT & 1 x 6 persons SOLAS rescue boat with

CRANE (1) 25 HP outboard engine and 1x

crane

# NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by Furuno or JRC, in accordance with GMDSS area 2, including but not limited to:

Searchlight, Radar, GPS Receiver, GPS Compass, Doppler Speed Log, Echo Sounder, Navtex Receiver, AIS, MF/HF Radiotelephone, VHF Radiotelephone, Mini-C SSA System, AIS-SART, GMDSS VHF, BNWAS, Magnetic Compass, Talkback System, Batteryless Telephone System, Autopilot.

