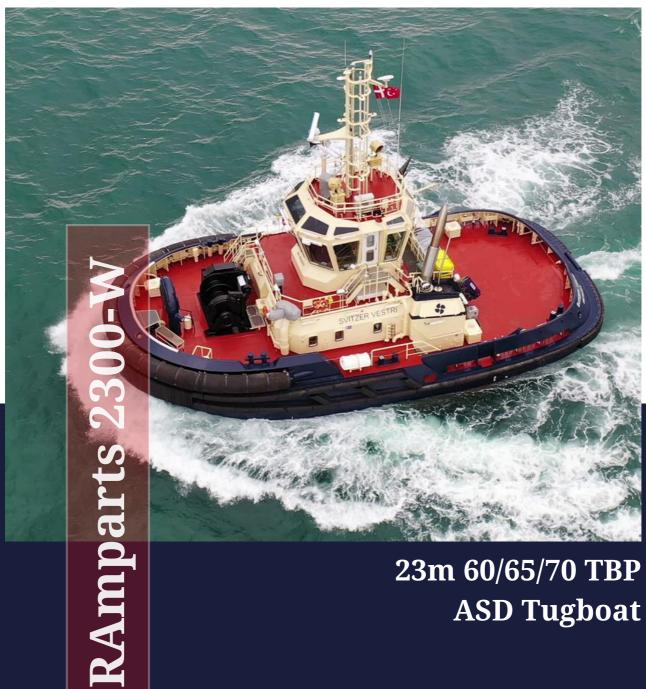


# **SEA THE FUTURE**



23m 60/65/70 TBP **ASD Tugboat** 





# RAmparts 2300-W



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

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

#### **CLASSIFICATION**

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

#### **DIMENSIONS**

 $\begin{array}{lll} \text{LENGTH O.A.} & 23,40 \text{ m} \\ \text{BEAM} & 11,90 \text{ m} \\ \text{DEPTH} & 4,60 \text{ m} \\ \text{DRAFT}_{\text{max}} & 5,75 \text{ m} \\ \text{GROSS TONNAGE} & < 400 \end{array}$ 

#### **PERFORMANCES**

BOLLARD PULL RANGE 60 - 70 TBP SPEED 12 knots

#### TANK CAPACITIES

 $\begin{array}{llll} \text{FUEL OIL} & 80,8 \text{ m}^3 \\ \text{FRESH WATER} & 55,9 \text{ m}^3 \\ \text{POTABLE WATER} & 12,0 \text{ m}^3 \\ \text{SEWAGE} & 4,1 \text{ m}^3 \\ \text{OILY WATER} & 3,7 \text{ m}^3 \\ \text{SLUDGE} & 3,7 \text{ m}^3 \\ \text{FOAM} & 7,4 \text{ m}^3 \end{array}$ 

#### **ACCOMMODATION**

Crew Capacity 7

HVAC (Accommodation) HVAC (Wheelhouse)

Central AC unit with ducting to cabins Top-mounted split type A/C units

ARRANGEMENT 1 x master cabin

2 x officer cabin

 $2 \ x$  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  $2 \times Fixed Pitch propeller$  SHAFTING Carbon fiber shafting

## **AUXILIARY EQUIPMENT**

GENERATOR SET  $2 \times 86/99$  ekW 1500 rpm 50 Hz

MACHINERY COOLING Box cooler

**SYSTEM** 

AIR-CONDITIONING A refrigerating plant capable for 70%

of the total capacity comprising the following main parts: 2x compressor

& 2x condenser

FIFI 1 SYSTEM 2 x M/E driven 1400 m³/h FiFi pump

2 x water monitor, remote operated

# **DECK EQUIPMENT**

FORE TOWING WINCH Electric frequency controlled double

drum towing 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 Electric frequency controlled single

drum towing winch

DECK CRANE 840 kg at 8,1 m reach

RESCUE BOAT & CRANE 1 x SOLAS rescue boat with one

15 HP outboard engine and 1 x rescue

crane

### NAVIGATION AND COM. 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, DGPS Navigator, Satellite Compass, Doppler Speed Log, Navigational Echosounder, Navtex Receiver, AIS, MF/HF Radio Telephone, VHF Radio Telephone, Inmarsat Mini-C Mobile Earth Station, Float Free EPIRB, AIS-SART, GMDSCompass, Weather Station, Intercom System, Batteryless Telephone SystemS and Maritime Hand Held VHF, BNWAS, Autopilot, Magnetic.

