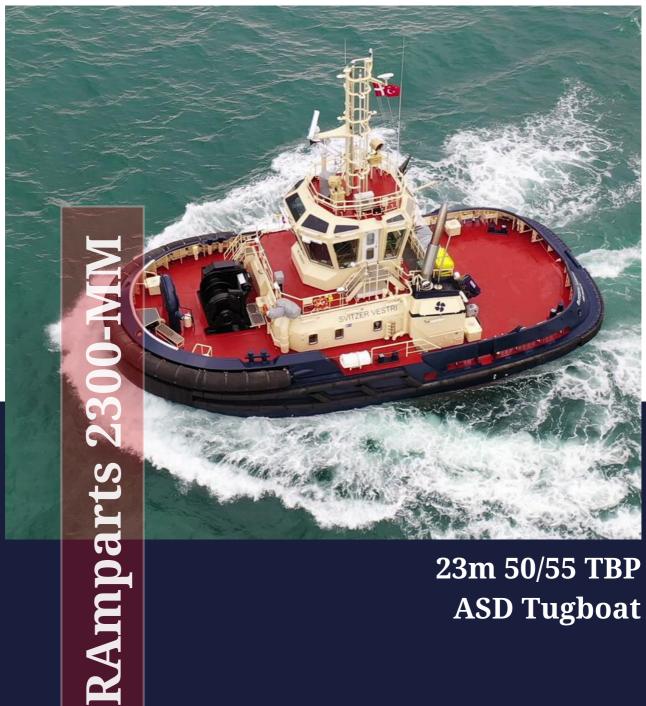


# **SEA THE FUTURE**



23m 50/55 TBP **ASD Tugboat** 





# RAmparts 2300-MM



## **DESIGN / BASIC FUNCTIONS**

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

#### **CLASSIFICATION**

I / C ★ HULL ★ MACH, AUT-UMS, TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP E WITH WATER SPRAYING, INWATERSURVEY

#### **DIMENSIONS**

 $\begin{array}{lll} \text{LENGTH O.A.} & 23,00 \text{ m} \\ \text{BEAM} & 10,90 \text{ m} \\ \text{DEPTH} & 4,40 \text{ m} \\ \text{DRAFT}_{\text{max}} & 5,05 \text{ m} \\ \end{array}$ 

#### **PERFORMANCES**

BOLLARD PULL RANGE 50 – 55 TBP SPEED 12 knots

#### TANK CAPACITIES

 $\begin{array}{llll} \text{FUEL OIL} & 61,9 \text{ m}^3 \\ \text{FRESH WATER} & 21,8 \text{ m}^3 \\ \text{POTABLE WATER} & 11,4 \text{ m}^3 \\ \text{SEWAGE} & 10,3 \text{ m}^3 \\ \text{OILY WATER} & 3,2 \text{ m}^3 \\ \text{SLUDGE} & 1,5 \text{ m}^3 \\ \text{FOAM} & 3,2 \text{ m}^3 \end{array}$ 

#### **ACCOMMODATION**

Crew Capacity 6

8 (Optional)

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

ARRANGEMENT 1 x master cabin

1 x officer cabin

2 x double crew cabin

#### **PROPULSION SYSTEM**

TOTAL POWER 4224 BHP high speed diesel marine

(**50 & 55 TBP**) engines

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

# **AUXILIARY EQUIPMENT**

GENERATOR SET 2 x 86 ekW 1500 rpm 50 Hz

MACHINERY COOLING Plate 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 1 x M/E driven 1400 m³/h FiFi pump

1 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**

DECK CRANE 840 kg at 8,1 m reach

SERVICE BOAT & 1 x 6 persons service boat with one (1)

MANUAL DAVIT 9,8 HP outboard engine and 1x

manual davit

# 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, 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, GMDSS and Maritime Hand Held VHF, BNWAS, Autopilot, Magnetic Compass, Weather Station, Intercom System, Batteryless Telephone System.

