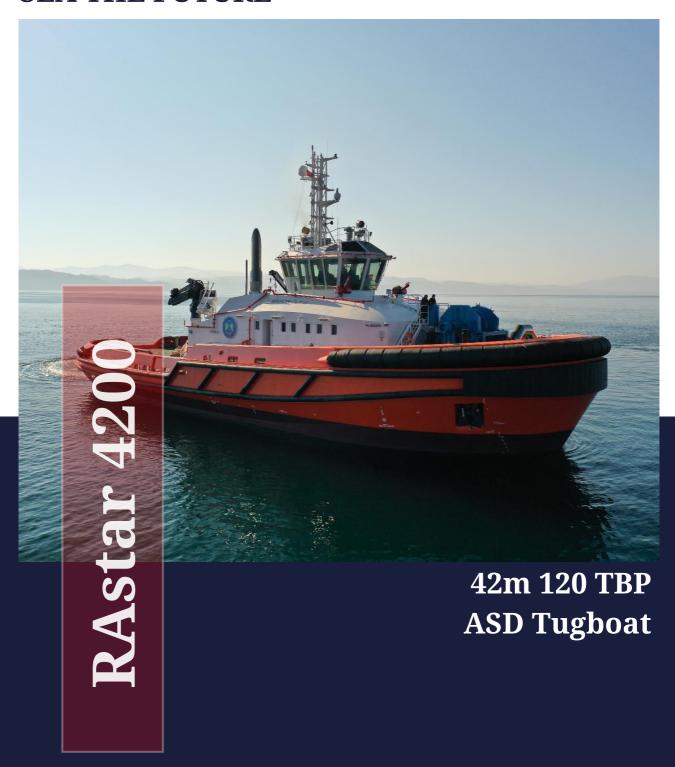


SEA THE FUTURE







RAstar 4200



DESIGN / BASIC FUNCTIONS

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

CLASSIFICATION

C ★ SALVAGE TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1; WATER SPRAYING, INWATERSURVEY, ★AUT-UMS

DIMENSIONS

PERFORMANCES

BOLLARD PULL 120 TBP SPEED 13,5 knots

TANK CAPACITIES

FUEL OIL 508.4 m³ FRESH WATER 180.5 m³ POTABLE WATER 96,6 m³ 10,2 m³ **BLACK WATER GREY WATER** 10.2 m³ 5.9 m³ SLUDGE **OILY WATER** $5.9 \, \text{m}^3$ **FOAM** $9.6 \, \text{m}^3$

ACCOMMODATION

Crew Capacity 18 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 2 x master cabin

2 x officer cabin

7 x double crew cabin

PROPULSION SYSTEM

TOTAL POWER (120 TBP) 9925 BHP high speed diesel marine

engines

EMISSION STANDARD IMO Tier II

ASD UNITS 2 x Fixed Pitch propellers

SHAFTING Composite shaft

AUXILIARY EQUIPMENT

GENERATOR SET 3 x 200 ekW @1800 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 waterfall double

drum towing winch

AFT TOWING HOOK SWL 150 tons

CAPSTAN SWL 8 tons, electric driven DECK CRANE PALFINGER / PK41002M

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

FENDERS Rubber, Cylinder, W and D type

fendering

OPTIONAL EQUIPMENT

TOW PINS SWL 300MT

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.

