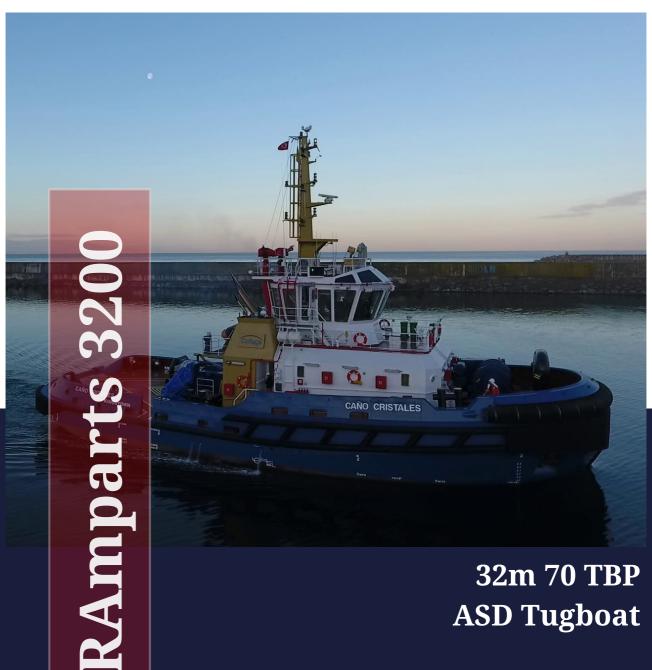


SEA THE FUTURE



32m 70 TBP **ASD Tugboat**





RAmparts 3200



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 70 TBP SPEED 12 knots

TANK CAPACITIES

 $\begin{array}{lll} \text{FUEL OIL} & 155,7 \text{ m}^3 \\ \text{FRESH WATER} & 40,8 \text{ m}^3 \\ \text{SEWAGE} & 3,8 \text{ m}^3 \\ \text{OILY WATER} & 4,0 \text{ m}^3 \\ \text{SLUDGE} & 4,0 \text{ m}^3 \\ \text{FOAM} & 15,8 \text{ m}^3 \end{array}$

ACCOMMODATION

Crew Capacity 8

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

3 x double crew cabin

PROPULSION SYSTEM

TOTAL POWER (70 TBP) 5630 BHP high speed diesel marine

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 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 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 HOOK SWL 100 tons, quick release type CAPSTAN SWL 5 tons, electric driven FENDERS Rubber, Cylinder, W and D type

fendering

OPTIONAL EQUIPMENT

AFT TOWING WINCH Hydraulically driven single drum

towing winch

TOW PINS SWL 100 tons

STERN ROLLER

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

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, 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.

