

# TUGBOATS

## 25 m 70 TBP RAMPARTS DESIGN

### MAIN PARTICULARS

LENGTH OVERALL	25,30 m
BEAM	12 m
DEPTH	4,60 m
LOADED DRAFT (Moulded)	5,05 m

### DOCUMENTATION CLASS

RINA  
C+ HULL + MACH + AUT-UMS  
+ TUG + FI FI 1 with WATER  
SPRAY + UNRESTRICTED  
NAVIGATION + MLC

### FLAG

PORT OF REGISTER	
RADIO CALL SIGN	TBA
IMO No.	TBA
DESIGN	Robert Allan Ltd.
Built Date	

### CAPACITIES (98% aprox.)

FUEL OIL	94,1 m <sup>3</sup>
FRESH WATER	11,2 m <sup>3</sup>
FOAM & DISPERSANT	4,9 m <sup>3</sup>

### PERFORMANCE

FREE RUNNING SPEED AHEAD	13.0 (average) knots
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### TONNAGE (ITC)

GT	365 Mt
NT	110 Mt

### MACHINERY

MAIN ENGINES	Manuf./Type 2x CAT 3516C
POWER	2x 2100 Kw @ 1600rpm
AZIMUTHING STERN DRIVE	2x SCHOTTEL
NOZZLE	SRP1515 CP
PROPELLERS	Mild steel, stainless steel inner surface

### AUX. GENERATORS

**Main:** 2x CAT, 86 eKw, 107kVa, 400V 50Hz 3ph.

### ACCOMMODATIONS

MASTER	Cabins: 1	Berths: 1
CHIEF ENGINEER	1	1
CREW	2	4
Fully Airconditioned	total accomod: 6	

### FI-FI 1 PUMP

Manuf./Type Capacities:  
2 off fire fighting pump type SNT-250/550  
1400<sup>3</sup>/h at 125 mlc and 1000 RPM

### ELECTRONICS & CONTROLS

DEPT ECHO SOUNDER	JRC FF60
GPS / PLOTTER	JRC JLR-7500
RADARS x 2	JRC JMA 3334
RADIO SYSTEM	JRC GMDSS A2
AUTO PILOT & GYRO	NAVITRON NT921 MKII
MAGNETIC COMPASS	CASSEN & PLATH TYPE 21
NAVTEX	JRC NCR 333
VHF-DSC	JRC
AIS, SART, EPIRB	JRC / JOTRON

### TOWING, HANDLING & ESCORT

Static Bollard Pull	Manuf./Type	Capacities
Maximum Bollard Pull	App.70 T	
AFT WINCH	Capacity 600m Ø52mm	
TOWING HOOK	Mampaey Quick Release Disc Type Towing Hook, type DCX.70/100	
FWD TOW DRUM WINCH	Capacity 2X200m Ø52mm	

### SPECIAL EQUIPMENT ANCHOR & CHAIN

RESCUE BOAT CRANE	Manuf./Type 1x 214kg HHP-chain Ø20,5mm Grade 2 Gurdesan GR RRS 21/4
RESCUE BOAT LIFERAFT	1x6 Pers. with outboard engine 2x6 Pers.