

# TUGBOATS

## 32 m 70 TBP ROBERT ALLAN / RAMPART DESIGN

### MAIN PARTICULARS

LENGTH OVERALL	32,00 m
LENGTH BP	30,00 m
BEAM	11,60 m
DEPTH	5,36 m
LIGHT DRAFT (Moulded)	3,40 m
LOADED DRAFT (Moulded)	4,19 m
SUMMER FREEBOARD	1,10

The vessel is suitable for operation in Unrestricted Service for: Assist terminal operation, Coastal / Ocean going Towing duties, Handling Escorting, Mooring, FI-FI 1, Salvage, Oil recovery, services

### CAPACITIES (98% aprox.)

BALLAST FUEL	36,0 m3
OIL FRESH	155,0 m3
WATER REC-	44,0 m3
OIL OTHER	36,0 m3
SLUDGE	5,0 m3
DISPERSANT	2,0 m3
FOAM	8,0 m3
	8,0 m3

MACHINERY	Manuf./Type
MAIN ENGINES	2x CAT 3516 B HD DITA
POWER	2x 1920 Kw @ 1600rpm
AZIMUTHING STERN DRIVE	2x Schottel Srp 1515 Cp
NOZZLE	Mild steel, stainless steel inner surface
PROPELLERS	2600 mm dia, C3 material

### AUX. GENERATORS

Main: 2x SCANIA 218,5 KVA 380V 50Hz 3ph.  
Harbour Diesel genset 1x SISU 75KVA-380V 50Hz 3ph.

FI-FI 1	Manuf./Type Capacities:
PUMP	2off FFS SFP 250x350-1436m3/h
GEARBOX	KUMERA FVIC-260-75FS
WATER/FOAM MONITOR	2off FFS1200x300SB-1200/300 m3/h

### TOWING, HANDLING & ESCORT

AFT TOW DOUBLE DRUM WINCH	Manuf./Type	Capacities
	DATA HYDRAULIC DTW45x130 HZ	Capacity 700m + 400m Ø52mm Brake 1st layer 130 T
TOWING HOOK	DTH 65-130P SWL 65T	
CHAIN STOPPER	DZR 24 41 T	
REEL WINDER	DRW 5E-4T 10m/1' 350m wire rope	
FWD TOW DRUM WINCH	DATA HYDRAULIC DEW35,65x130 HZ	Capacity 160m Ø52mm SWL 65T Brake 1st layer 130 T

### DOCUMENTATION CLASS

Bureau Veritas  
I ✕ HULL ✕ MACHINERY  
SALVAGE TUG ✕ ESCORT TUG ✕  
FIRE FIGHTING SHIP 1-Waterspraying  
Unrestricted Navigation Oil Recovery  
□ AUT-UMS

### FLAG

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

### PERFORMANCE

FREE RUNNING SPEED AHEAD	13.0 (average) knots
FREE RUNNING SPEED ASTERN	Approx. 12,0 knots
ECONOMICAL SPEED	8,0 knots

### TONNAGE (ITC)

GT	485,0 Mt
NT	145,5 Mt

### ACCOMMODATIONS

MASTER	Cabins: 1	Berths: 1
CHIEF ENGINEER	1	1
OFFICER	2	2
OTHER	1	2
CREW	2	2

Fully Airconditioned

total accomod: 12

### ELECTRONICS & CONTROLS

PROPULSION CONTROL	schottel steering system	Manuf./Type SST 612
DEPT ECHO SOUNDER		JRC JFE 380
GPS / PLOTTER	JRC / LORENZ	JNAV 500
RADARS x 2	JRC-JMA 5210-6 / JMA 2344	96Nm/64 Nm
RADIO SYSTEM	JRC GMDSS	A1+A2+A3
INMARSAT SSAS	JRC MINI-C	
AUTO PILOT & GYRO		JRC NT 991G CMZ
MAGNETIC COMPASS	Lilley & Gillie	
NAVTEX	JRC	NCR 333
VHF-DSC	JRC	
AIS, SART, EPIRB	JRC / JOTRON	
SPEED LOG	JRC DOPPLER	JLN 205

### SPECIAL EQUIPMENT

ANCHOR & CHAIN	Manuf./Type
	2x 450kg HHP-chain 2x 225m, Ø24mm
DECK CRANE	Knuckle boom crane max lifting 6 ton KM60P0YM2
RESCUE BOAT	1x6 Pers. with outboard engine
LIFERAFT	2x12 Pers.
OIL DISPERSANT SYSTEM	2 lateral hydraulic arm

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