

TUGBOATS

32 m 65 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	36,0 m3
FUEL OIL	155,0 m3
FRESH WATER	44,0 m3
REC-OIL	36,0 m3
OTHER	5,0 m3
SLUDGE	2,0 m3
DISPERSANT	8,0 m3
FOAM	8,0 m3

MACHINERY

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 X HULL X MACHINERY SALVAGE TUG X ESCORT TUG X FIRE FIGHTING SHIP 1-Waterspraying Unrestricted Navigation Oil Recovery X AUT-UMS
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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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