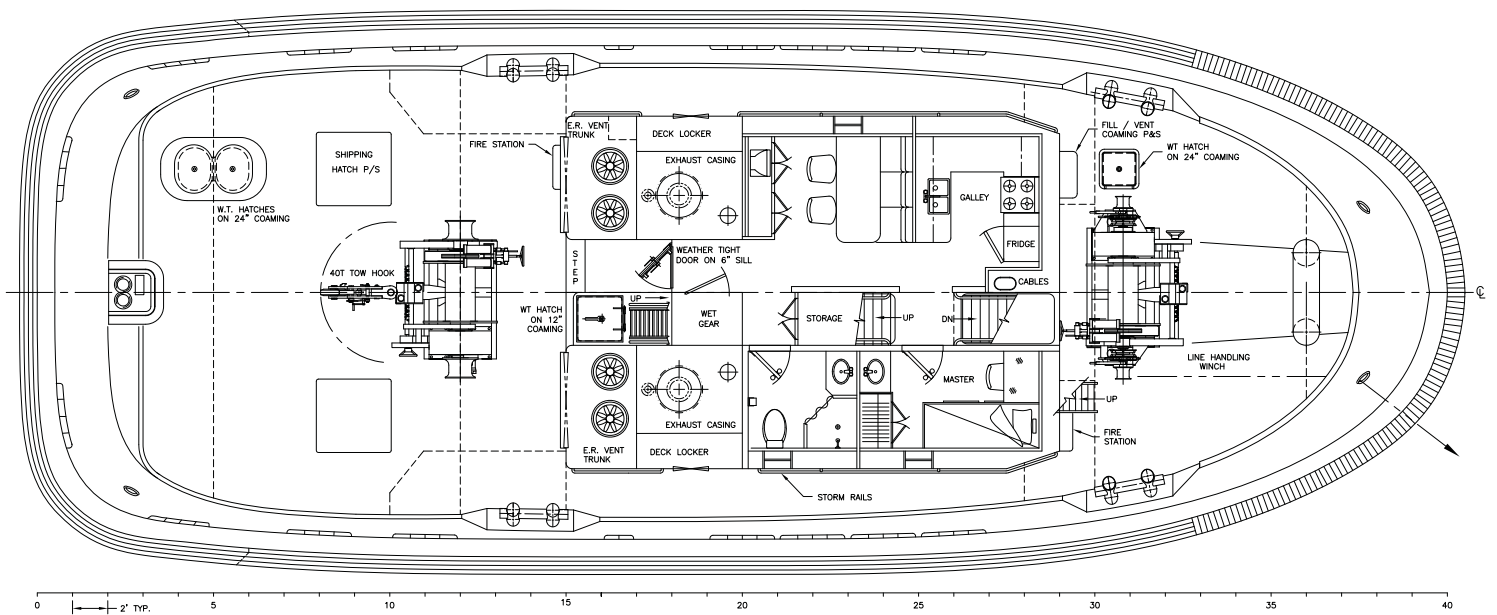
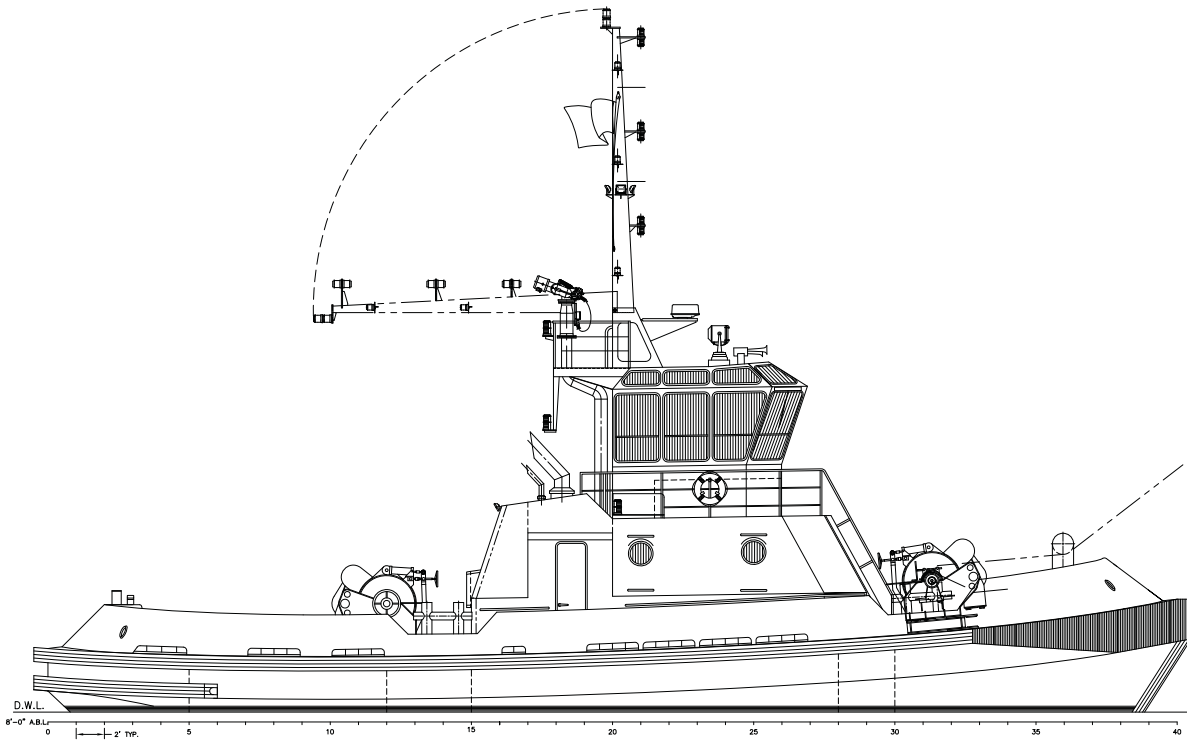


TUGBOATS

24 m x 40 TBP ASD TUG



MAIN DECK PLAN

TUGBOATS

24 m x 40 TBP ASD TUG

Dimensions	
Length Overall	24,39 m
Beam, Moulded, Extreme	9,15 m
Depth, Moulded (Hull)	4,70 m
Maximum Draft	4,18 m

Tank Capacities	
Fuel Oil	appr. 81.500 litres
Fresh Water	appr. 2.200 litres
Foam	appr. 4.000 litres
Dispersant	appr. 4.000 litres

General	
Basic Functions	Coastal Towing, Mooring, Oil Pollution, Fire-Fighting
Design	Robert Allan Ltd. / Canada
Class	Bureau Veritas I Hull Machinery Tug + Coastal Area Service Coastal Towing
Flag	Turkish
Port Of Registry	Istanbul
Bollard Pull	abt. 40 Tons (Ahead at %100 MCR)
Speed	abt. 12 knots free running
Accommodation	for 5 persons

FI-FI System	Main Fire Fighting Pump
Type	Horizontal, centrifugal, main engine driven.
Capacity	1200 m ³ / h s.w at approx. 120 mlc and 1800 rpm
Quantity	1 pc
Shaft Power	450 Kw

Water Foam Monitor	
Type	F/J nozzle, remote operated
Cap. Water	600 m ³ /h
Quantity	2 pcs.
Power	400 V, 50 Hz, 3 ph.

Main Equipment List	
Main Engines	2x CATERPILLAR 3512 B diesel engines / 1575 BHP / 1800 rpm
BHP	3150 BHP
Azimuth Thruster	2XSchottel SRP 1010 CP / 1175 kW / 1800 rpm

Towing Winches	12 x 90 Hz, hydraulic single drum aft towing winch, one warping head. Spooling gear fitted on drums. Wire capacity: 100 m and diameter of 56 mm.	Anchor	2 x 300 kg
	12 x 90 Hz hydraulic fore towing winch and combined anchor windlass with one rope drum, two cable lifters and two warping heads. Spooling gear fitted on drum. Wire capacity: 100 m of diameter 56 mm.	Chains	Two declutchable chain lifters with band brake on the same shaft with the drum 2 x Grade 2, 20.5 mm diameter
Towing Hook	45-90 P type safe working load: 45 tons/test load: 90 tons One rotating disc and quick-release type towing hook. Local and bridge control pneumatic type with quick release Mechanism - 180 derece swiveling	Life Raft	2x8 PA
Generator	2XCATERPILLAR 3056 Marine Diesel driven generator 84 kW / 105 kVA by 1500 rpm 50 Hz	Life Buoy	6 Pcs
		Life Jackets	8 Pcs
		Communication Equipment	GMDSS sea area A2

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