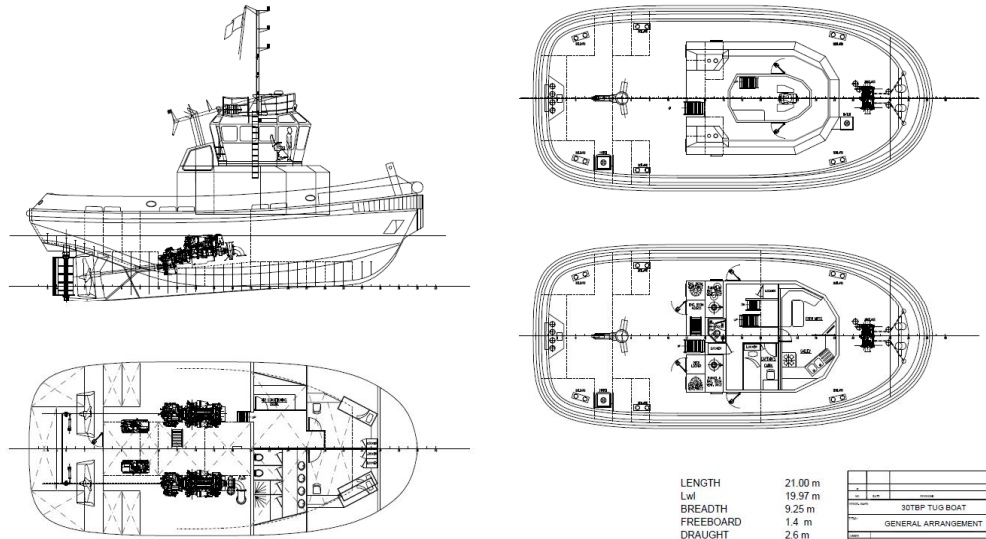


POSEIDON 21 m HARBOUR TUG

Basic Characteristics:

LOA: 21,00m
 LWL: 19,97 m
 Beam OA: 9,25 m
 Freeboard: 1,40 m
 Draught: 2,60 m
 Height: 9,30 m
 Displacement: 240 t
 Main Engines: 2 x 1100 kW
 Bollard Pull: 30 tonne
 Max. Speed: 12 knots
 Economical Speed: 9 knots
 Hull: Steel
 Superstructure: Aluminum
 Designed by: POSEIDON Co. ©,
 2011



POSEIDON TUG-21

LENGTH 21.00 m
 Lwl 19.97 m
 BREADTH 9.25 m
 FREEBOARD 1.4 m
 DRAUGHT 2.6 m
 HEIGHT 9.3 m
 DISPLACEMENT 240 t
 MAIN ENGINE 2x1100 kW

30TSP TUG BOAT	
GENERAL ARRANGEMENT	
POSEIDON Marine Technology/Construction Co.	

Gen Sets	1x40 kVa Marine Generator with Alternator
Gearboxes	2 units
Propellers	2 x Fixed Kort- nozzle 4 blade fixed pitch
Nozzles	Steel Nozzles with stainless steel ring inside
Steering Gear	4 x 45°, 2 rudders at each nozzle.
Generator	1 x 40 kVa marine type
Electrical System	GENERATOR 50 Hz. 380 V 3 phase
Fire Fighting	1 piece Scum or equivalent foam water monitor with admixer. 1 piece 400m3, capacity fire pump .
Fire Pump	1 piece fifi pump of 250 m3/h, 8 bar capacity cluthed to M/E 1 m3 foam tank
Foam	500 Kg protein foam compound
Class	C +HULL +MACH, TUG, COASTAL AREA
Life Saving Eqpm	1xLiferaft for 6 person + 6life jackets + 6 life buoy
Accomodation	2+2 cabin, mess WC and shower
Additional Equipments	Capsteen, Tow hook, GPS & Chart plotter, Echo sounder, Radar, Auto pilot, Projector

