



US Tug 2813 | Harbor & Terminal Tug

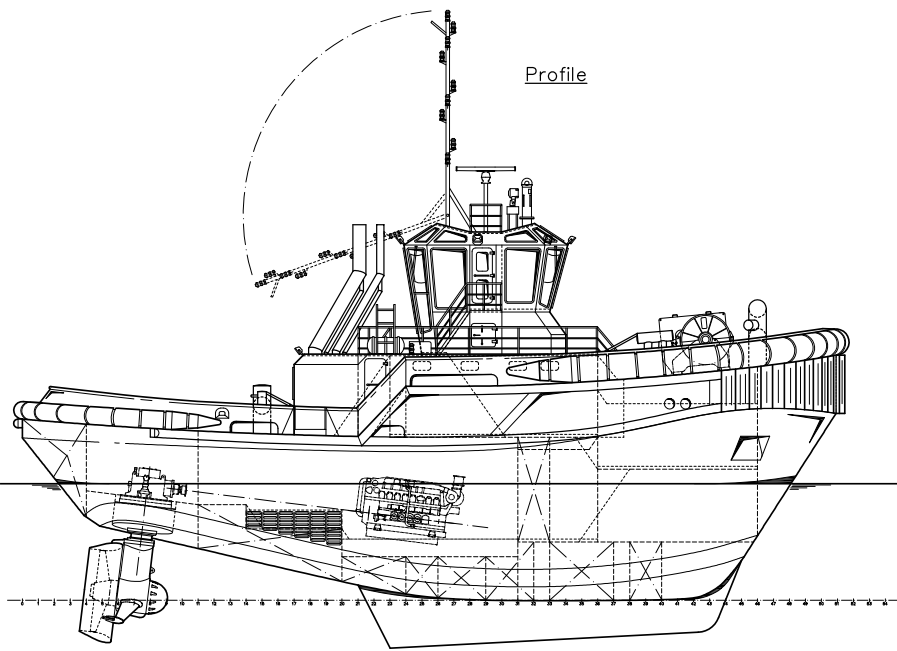


The US Tug is a clever and innovative harbor tug design, based on years of operational experience. The result: a sustainable, cost-effective and efficient US Tug for port and terminal operations with optimal performances under every condition.

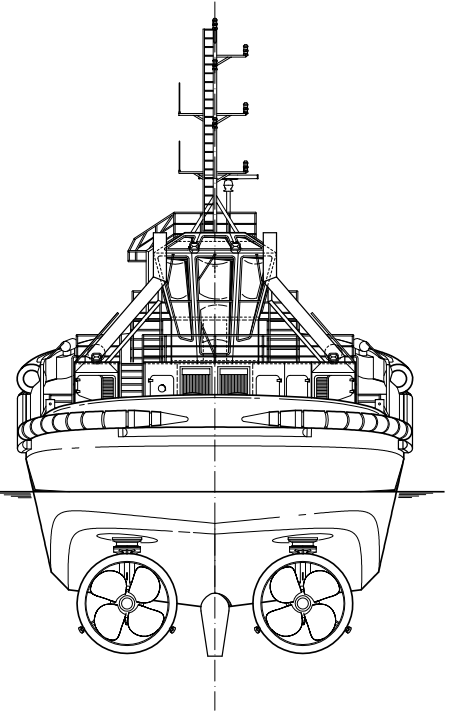


CLASSIFICATION	Bureau Veritas I ✕ HULL • MACH • AUT-UMS, Unrestricted Navigation, Tug GMDSS A1
DIMENSIONS	Approx.
LENGTH O.A.	94 ft 28,74 m
BREADTH MLD.	42.6 ft 13,0 m
DEPTH AT SIDE	18 ft 5,60 m
DRAFT	18.5 ft 5,64 m
GROSS TONNAGE	< 500
PERFORMANCES	
SPEED AHEAD	12 knots
SPEED ASTERN	12 knots
BOLLARD PULL AHEAD	max. 85 tons
BOLLARD PULL ASTERN	max. 78 tons
PROPULSION	
MAIN ENGINES	High-speed or medium-speed engines
THRUSTERS	2x FPP Ø110 ft (2800 mm) with integrated slipping clutch
AUXILIARIES	
TOTAL E-POWER	2x 134 hp 2x 100 kW
HYDRAULIC SYSTEM	Main engine driven

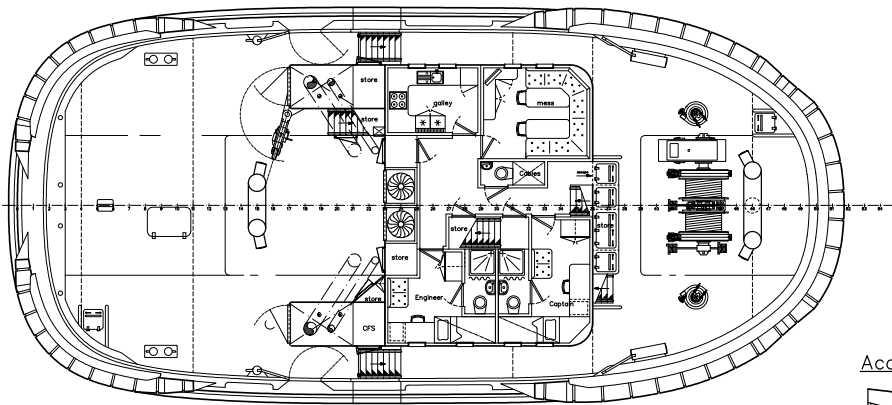
TANKS	
FUEL OIL	35,400 gals 134 m ³
FRESH WATER	4,750 gals 18 m ³
DECK LAY-OUT	
FORWARD TOWING WINCH	Hydraulic driven, double drum, 2x 656 ft (2x 200 m) synthetic rope
HOLDING POWER	200 tons at 1 st layer
PULLING FORCE	40 tons at 49 ft/min (15 m/min)
SLACK ROPE SPEED	147.6 ft/min 45 m/min
FENDERING	D-fendering at the side, at the bow cil.-fendering above the W-fendering, cil.-fendering at the stern transom corners
ACCOMMODATION	
FACILITIES	Air-conditioned accommodation for up to 10 persons
OPTIONS	
AFT TOWING WINCH	Hydraulic driven, single drum
DECK CRANE	Heila HLRM 20-3S
TOWING HOOK	Mampaey 100 tons SWL
EXTERNAL FIRE FIGHTING	FiFi class 1
MOB	Inflatable type with outboard engine



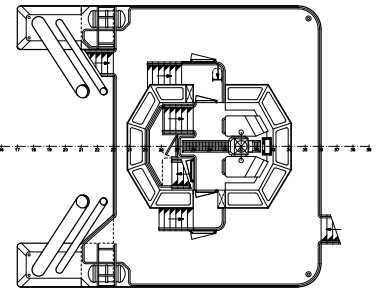
Profile



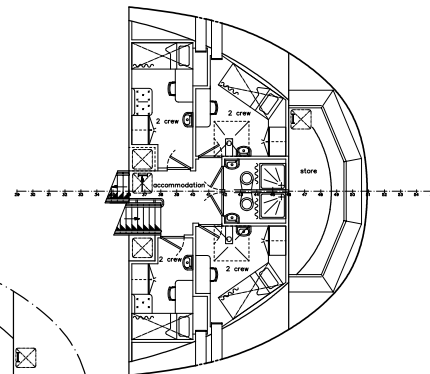
Main deck



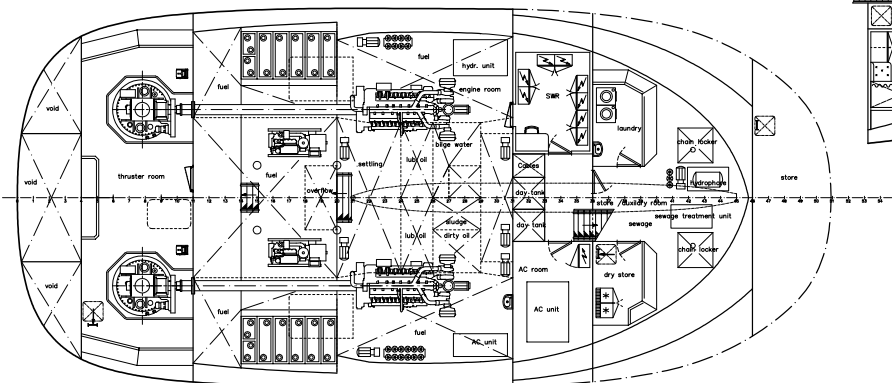
Bridge deck



Accommodation deck



Below main deck



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