



INCHCOLM

Damen 2312 Next Gen Twin Fin Tug

GENERAL

Classification	Bureau Veritas I✕HULL✕MACH Escort Tug - Unrestricted Navigation
Flag	British
Owner	Forth Estuary Towage
Built	2020

DIMENSIONS

Length overall	22.8m
Beam overall	12.03m
Max Draught	5.7m
Gross tonnage	262t

PERFORMANCE

Bollard pull ahead	73t
Bollard pull astern	71t
Max Speed	12.2kn
Emissions	IMO Tier III

PROPULSION SYSTEM

Main engines	Caterpillar 3512c TA HD/D
Total power	3804kw (5102bhp) at 1800rpm
Azimuth thrusters	Rolls Royce US 205S
Propeller diameter	2800mm

TANK CAPACITIES

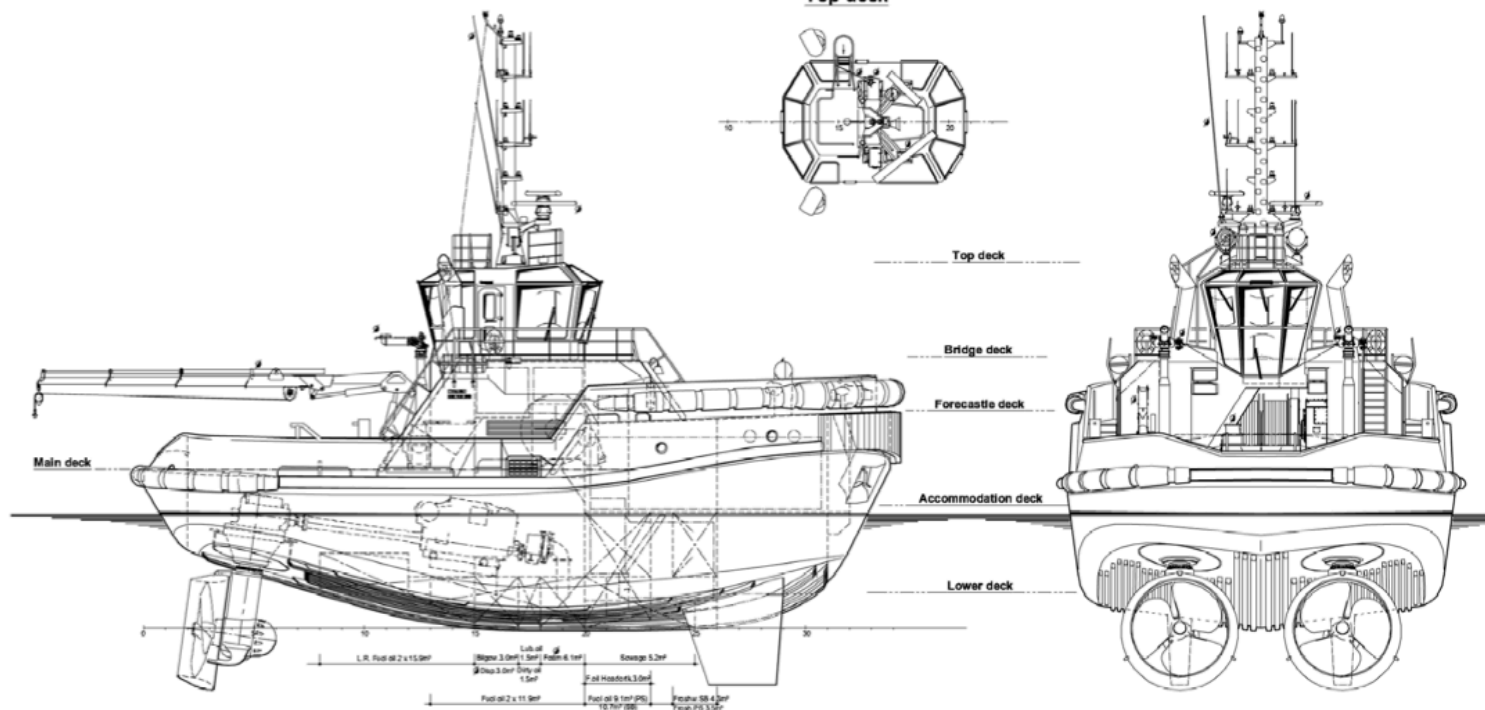
Fuel Oil	78.4 m3
Fresh Water	7.80 m3

AUXILIARY EQUIPMENT

Generator sets	2 x Caterpillar C4.4 TA, 230/400 V, 100 kVA, 50 Hz
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DECK EQUIPMENT

Main Towing Winch	DMC Hydraulic driven escort winch 175t brake holding force. Split independent drums.
Tow Hook	Mampaey SWL 750kn 75t
Capstan	Electrically driven 5t at 15m/min

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The floor plan shows the main deck of the USS Enterprise (NCC-1701-A). Key areas include the Bridge at the top, the Main Engine Room in the center, and the Engineering section on the right. Various support areas, storage rooms, and equipment are distributed throughout the deck. The plan is oriented with the bow at the top.

Accommodation deck

This diagram illustrates the Accommodation Deck (Deck 15) of the USS Intrepid (SSN-766). The layout includes the following areas:

- FSD Locker:** Located at the bow (left) of the deck.
- 2 Crew:** Two crew quarters located near the bow.
- Chief Eng:** Chief Engineer's quarters located near the stern (right).
- Messroom:** A large common area located in the center of the deck.
- Galleys:** Two galley areas, one near the bow and one near the stern.
- Support Spaces:** Various smaller rooms and storage areas throughout the deck.

The deck is numbered 15, indicating its position relative to the ship's hull.