

Azimuth Stern Drive Tug 2811

STOCK



PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions

Classification

Towing, mooring, escorting and Ø fire-fighting operations
Bureau Veritas
I * HULL • MACH Escort Tug (Bollard pull = 60t) (maximum steering force = 58 t, maximum braking force = 70 t, maximum escort speed = 10 kn) Unrestricted Service
AUT UMS Inwater Survey COMF-NOISE 3, COMF-VIB 3
Ø Fire Fighting Ship 1
Ø Fire Fighting Ship 1 with water spray
Ø Lloyd's Register
[*] 100 A1 Escort Tug (Bollard pull = 60t) [*]
LMC UMS IWS CAC 3
Epoxy paint system

Painting

DIMENSIONS

Length overall
Beam overall
Depth at sides
Draught aft
Displacement (approx.)
Gross tonnage

28.57 m
11.43 m
4.60 m
4.65 m
550 t
299 t

TANK CAPACITIES

Fuel oil
Fresh water
Lubrication oil
Dirty oil
Sewage
Bilge water
Ø Foam
Ø Dispersant
Ø Urea

67.8 m³
14.0 m³
2.3 m³
2.3 m³
7.4 m³
4.9 m³
9.8 m³
4.9 m³
3.6 m³

PERFORMANCES

Bollard pull ahead
Bollard pull astern
Speed ahead
Speed astern

60.0 t
55.0 t
13.0 kn
12.5 kn

PROPULSION SYSTEM

Main engines
Total power
Azimuth thrusters
Propeller diameter
Forced ventilation

2x Caterpillar 3512C TA HD / D
3806 bkW (5104 bhp) at 1800 rpm
2x Rolls Royce US 205S
2400 mm
58.000 m³/h

AUXILIARY EQUIPMENT

Generator sets
Ø Generator sets
General service pumps
Oily-bilge water stripping pump
Fuel transfer pump
Fuel oil purifiers
Ø Sewage treatment plant
Cooling system
Lubrication pump(s)
Hydraulic system
Ø Oil pollution control
Ø Fifi set
Ø Fifi monitor

2x Caterpillar C4.4 TA, 230/400 V, 107 kVA, 50 Hz
2x Caterpillar C4.4 TA, 440 V, 123 kVA, 60 Hz
2x Azcue CA-50/3B 27.0 m³/h up to 3.4 bar
Azcue CA 32/05, up to 12.0 m³/h, up to 1.3 bar
Azcue CA40-1B, up to 12.0 m³/h, up to 1.2 bar
2x CJC PTU3 27/81 MZ-E2PWZ
Selmar Blue Sea Plus 2500
Fresh water closed loop keel cooling
Azcue, BT-HM-32D4, up to 2.4 m³/h, up to 2.0 bar
Two main engine driven pumps
Dispersant pumpset with 2 spraybooms
Main engine driven pumps 1200, 2400 m³ or Ø water spray
1x 1200 or 2x 1200 m³/h, water/foam

DECK LAY-OUT

Anchors
Anchor winches
Towing winch fore

Ø Towing winch aft

Ø Towing hook fore
Ø Towing hook aft
Ø Capstan fore
Ø Capstan aft
Ø Crane

Fendering

2x 360 kg Pool (High Holding Power)
2x Electrically driven, DMC
Hydraulically driven double drum, pull 39 ton up to 9.5 m/min, high speed pull up to 32.5 m/min, brake 150 ton
Hydraulically driven two speed winch with spooling device, pull 38 ton up to 9.5 m/min, high speed pull up to 33 m/min, brake 150 ton
Mampaey, SWL 65 ton
Mampaey, SWL 65 ton
Electrically driven, 5 ton at 16 m/min or Ø 19 m/min
Electrically driven, 5 ton at 16 m/min or Ø 19 m/min
HS.Marine AK16 HE3, 845 kg at 11.15 m or HS.Marine AK28/10.3 E3, 1700 kg at 10.30 m with winch (2150 kg)
D-fender at sides, cylindrical fender at transom corners, cylindrical and W-block bow fender with water spray

ACCOMMODATION

For max. 8 persons (MLC 2006 compliant), insulated and finished with durable modern linings, acoustical ceiling in the wheelhouse, floating floors and air-conditioned. Captain's cabin, chief engineer's cabin, 3 double crew cabins, galley, mess/dayroom, dry store and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT

Searchlight
Radar system
Compass
Autopilot
Satellite compass / GPS
Echosounder
VHF radio telephone
VHF hand-held
Navtex
AIS
Ø SSB
EPIRB
Sart
Remote monitoring
Ø Inmarsat + Ø spare
Ø LRIT
Anemometer

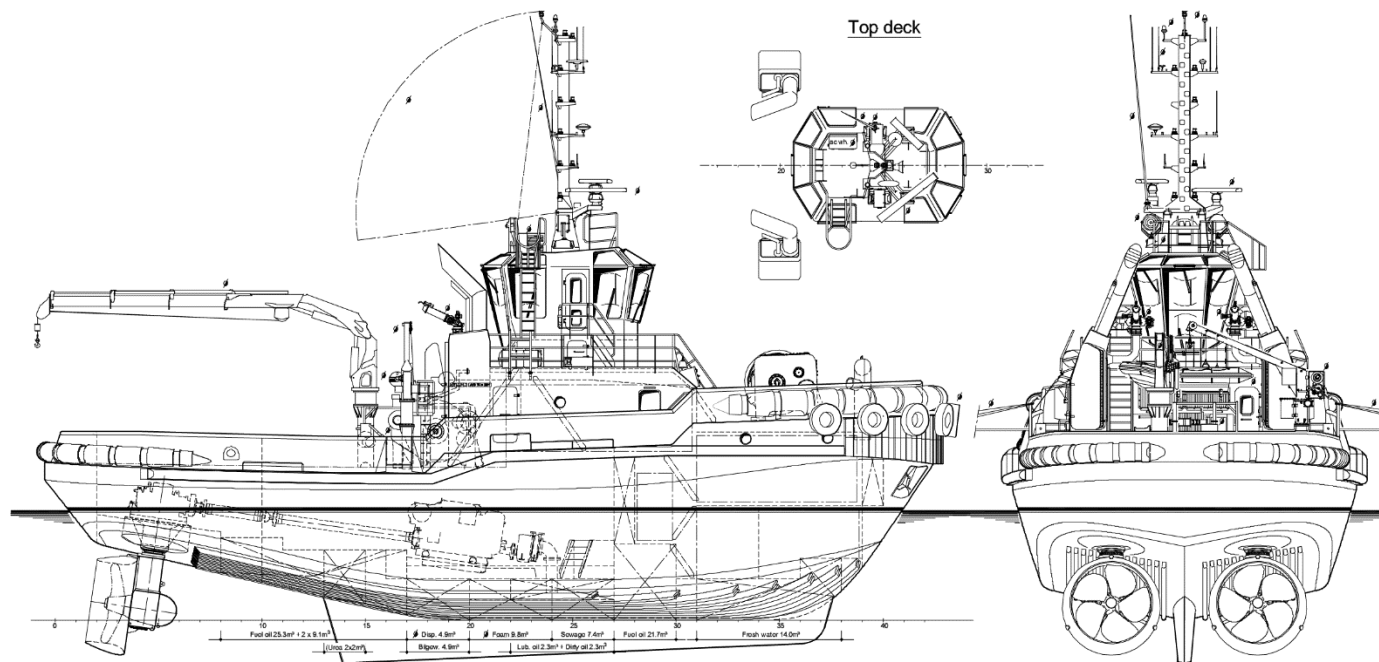
1x Norselight 2000 W + Ø 1x Norselight 2000 W
1x Furuno FAR 1518-BB + Ø 1x Furuno FAR 1518-BB
Magnetic, Cassens & Plath Reflecta 11
Simrad AP-70
Simrad GN70/HS80A
Furuno FE-800
2x Sailor 7222 (one with DSC) + Ø 1x Sailor 6215
2x Sailor SP3540
Furuno NX-700B
Furuno FA-170
Cobham Sailor 6310
Jotron Tron 60 AIS
Jotron Tron AIS-SART
Ready for Damen Triton
Furuno Felcom 18
Furuno Felcom 19
Gill Instruments GMX500

Ø = Optional equipment

DAMEN

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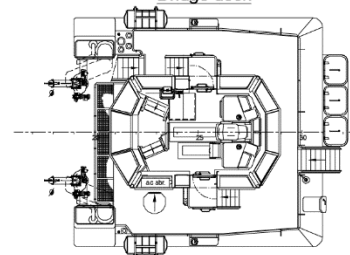
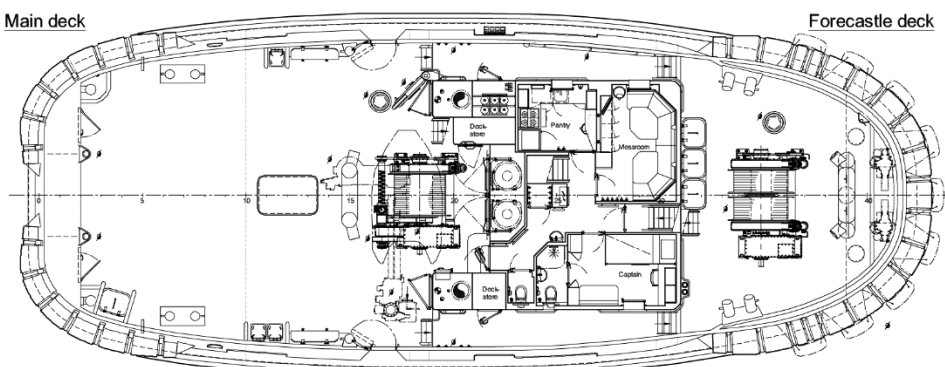
STOCK



Main deck

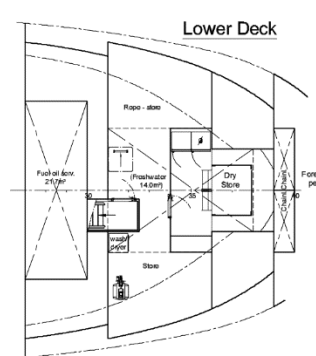
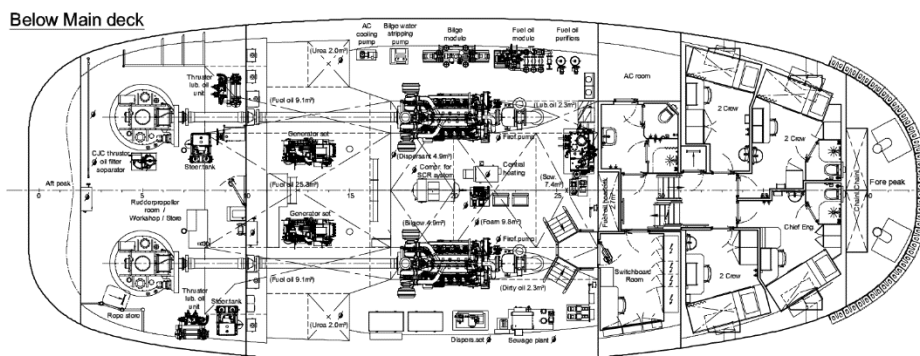
Forecastle deck

Bridge deck



Below Main deck

Lower Deck



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