

Shoalbuster 2308

'DMS TOUCAN'



PICTURE OF SIMILAR VESSEL

GENERAL

Building year 2013
Classification Bureau Veritas
I * HULL * MACH Tug Unrestricted Navigation, AUT-UMS
Coastal waters upto 200 nm from shore
Dutch

Flag

DIMENSIONS

Length o.a. 23.35 m
Beam moulded 8.00 m
Depth 2.99 m
Draft max. Amidship 2.10 m
Tonnage 123 GT / 37 NT

TANK CAPACITIES

Fuel oil 45.5 m³
Fresh water 13.9 m³
Hydr. oil 0.9 m³
Lub oil 1.9 m³
Bilge water 0.9 m³
Dirty oil 3.5 m³
Sewage 1.9 m³
Gear oil 0.6 m³

DECK CAPACITIES

Deck load
Deck strength
Clear deck area

PERFORMANCES (TRIALS)

Bollard pull 24 t
Speed 11.1 kn

PROPULSION SYSTEM

Main engines 2x Caterpillar 3412D TTA
Total power 1264 bkW (1696 bhp) at 1800 rpm
Propulsion 2x fixed pitch propellers in nozzles
Diameter 1606 mm
Gearbox 2x Reintjes WAF 464L / 5.042:1
Bowthruster 88 kW (120 hp), hydraulically driven

AUXILIARY EQUIPMENT

Auxiliary engines 2x Caterpillar C4.4NA
Generator Leroy Somer LSAM
Output 2x 43,75 kVA, 50 Hz, 230/400V AC
Fuel separator Facet, MV-11-AG
Hydraulic set Caterpillar C-9 TA, 189 kW at 1800 rpm
Transfer pumps Fuel 25 m³/h at 2.7 bar
Fresh water 25 m³/h at 2.7 bar

DECK LAY-OUT

Anchor
Deck crane 1x 240 kg Pool (H.H.P.) + 1 spare
Heila HLRM 80-3 S, capacity:
5.3 tons at 12.04 m
11.6 tons at 6.27 m
Ah towing winch Ridderinkhof, hydraulically driven, capacity:
P=30 tons at 6 m/min. (1st layer)
B=55 tons (1st layer)
Tugger winch Brevini, BWC-080, capacity:
8.0 tons at 4.5 m/min.
Towing pins WK Hydraulics, three in a row, 35 tons SWL
A-frame 25 tons SWL
Stern roller 3775 mm x 800 mm, 30 tons SWL
Moonpool fitted at fore deck
Spark arrestors fitted

ACCOMMODATION

Heated and air-conditioned living spaces for 5 persons, consisting of a captain's cabin, an chief engineers cabin, one single cabin and one double crew cabin, a galley and sanitary facilities.

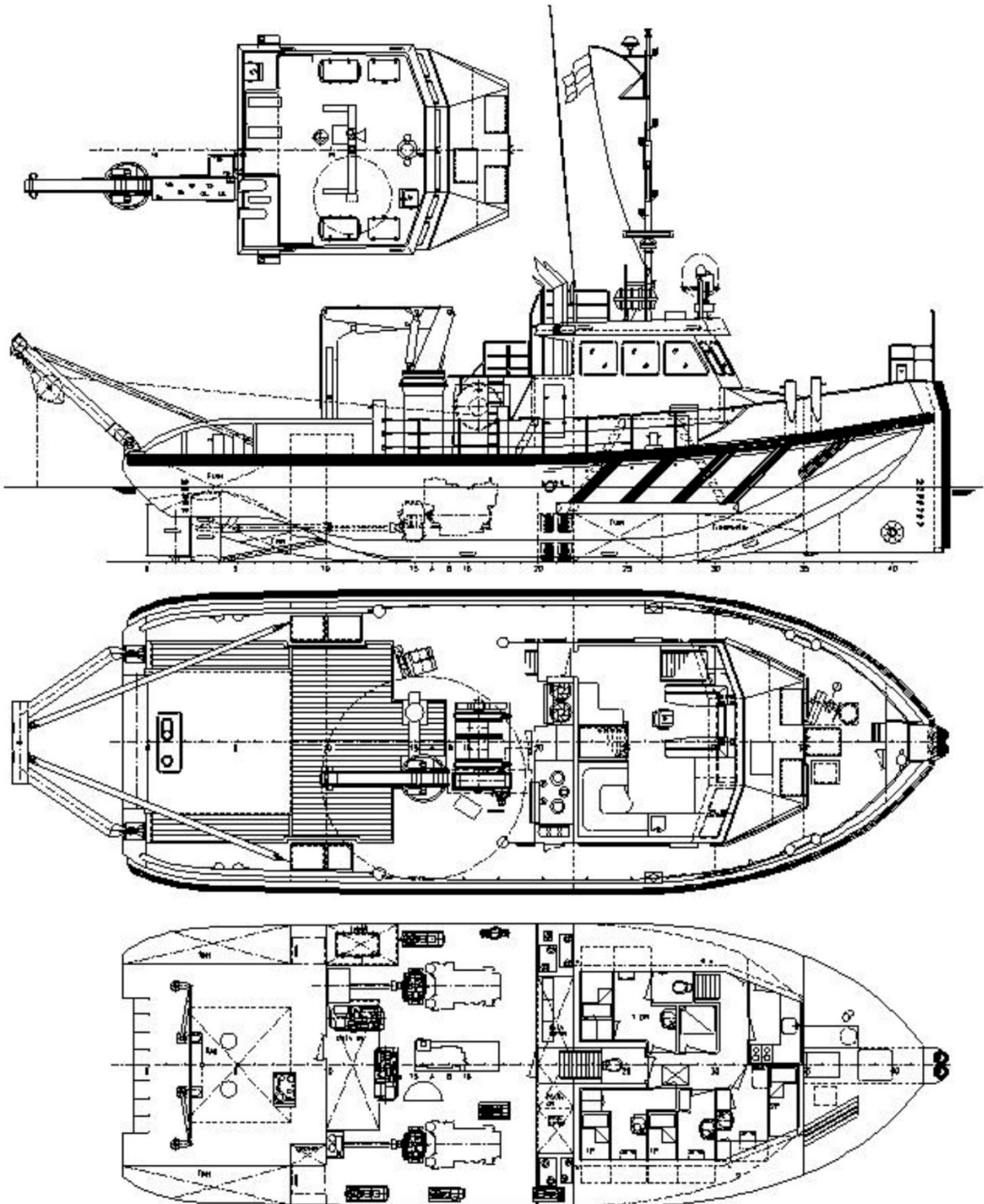
NAUTICAL AND COMMUNICATION EQUIPMENT GMDSS A3

Searchlights 2x 2000 W
Navigation equipment Magnetic compass, gyro compass, radar, GPS, autopilot, echo sounder, speedlog, bridge watch alarm.
Communication 2x VHF, 2x handheld VHF, Navtex, SSB, Inmarsat-C, AIS, intercom.

Ø = Optional equipment

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