



DAMEN SHOALBUSTER® 2308 "DMS TOUCAN"

GENERAL

BUILDING YEAR	2013
CLASSIFICATION	Bureau Veritas 1 ✕ 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 m ³
FRESH WATER	13.9 m ³
HYDR. OIL	0.9 m ³
LUB OIL	1.9 m ³
BILGE WATER	0.9 m ³
DIRTY OIL	3.5 m ³
SEWAGE	1.9 m ³
GEAR OIL	0.6 m ³

DECK CAPACITIES

DECK LOAD	
DECK STRENGTH	
CLEAR DECK AREA	

PERFORMANCES (TRIALS)

BOLLARD PULL	24 tons
SPEED	11.1 knots

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 SEPERATOR	Facet, MV-11-AG
HYDRAULIC SET	Caterpillar C-9 TA, 189 kW at 1800 rpm
TRANSFER PUMPS	Fuel 25 m ³ /h at 2.7 bar Fresh water 25 m ³ /h at 2.7 bar

DECK LAY-OUT

ANCHOR	1x 240 kg Pool (H.H.P.) + 1 spare
DECK CRANE	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. (1 st layer) B=55 tons (1 st 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

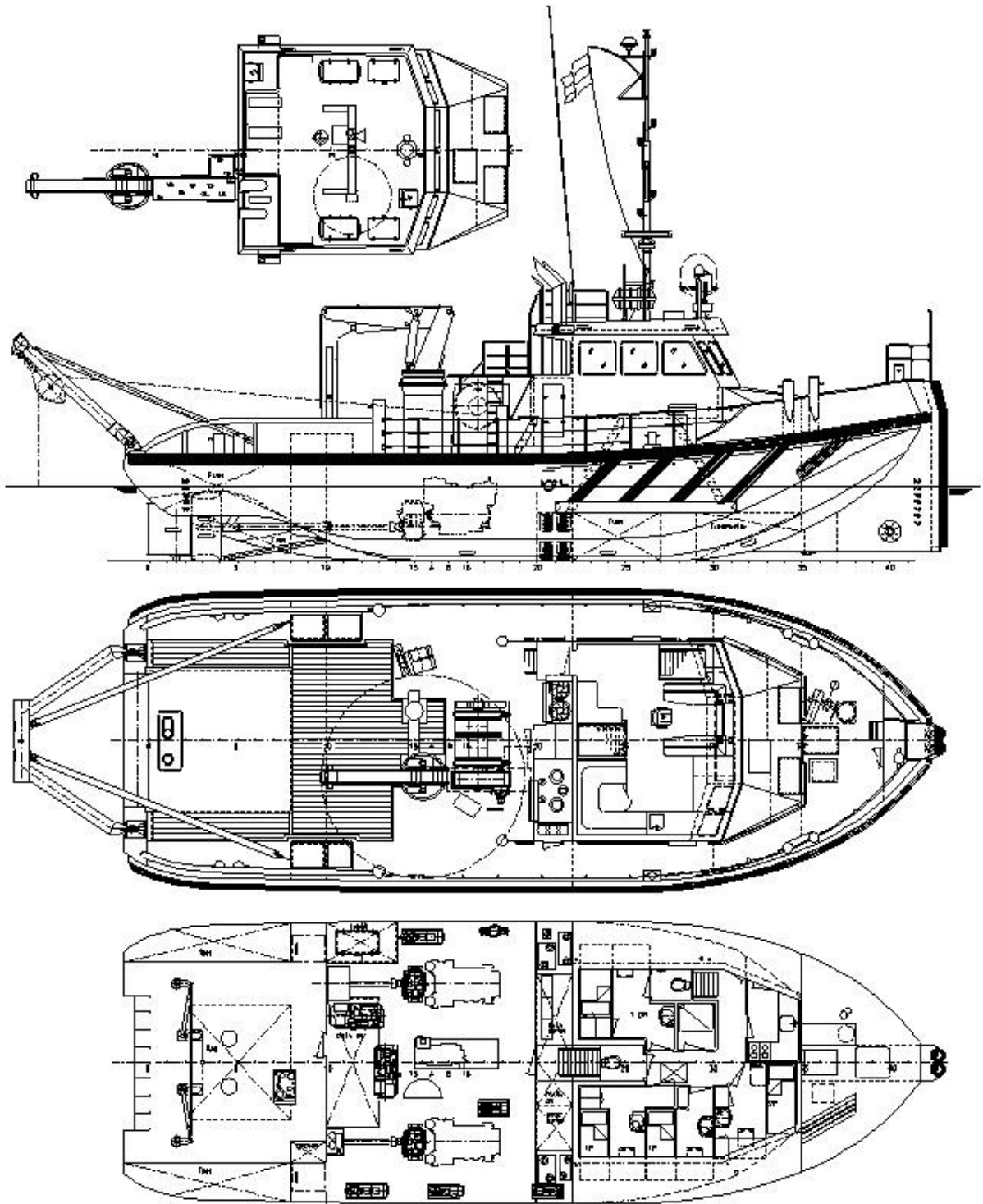
ACCOMMODATION

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

All systems and equipment according to GMDSS Area 2.

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.



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DAMEN

DAMEN MARINE SERVICES

Member of the DAMEN SHIPYARDS GROUP



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