



DAMEN SHOALBUSTER® 2508 SD "SL MBISSI"

GENERAL

YARD NUMBER	571702 (Damen Shipyards Hardinxveld)
DELIVERY DATE	January 2014
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	Bureau Veritas I ✕HULL • MACH Tug Unrestricted navigation, AUT UMS. IWS
NATIONAL AUTHORITIES	Panama
FLAG	Panama
OWNER	Smit Lamnalco

DIMENSIONS

LENGTH O.A.	24.82	m
BEAM MLD.	8.00	m
DEPTH AT SIDES	2.99	m
DRAUGHT AFT APPROX. (WITH SPECIFIED TANK CAPACITIES)	1.80	m

TANK CAPACITIES (APPROX.)

FUEL OIL	43.0	m ³
FRESH WATER	11.0	m ³
SEWAGE	3.8	m ³
DIRTY OIL	2.1	m ³
BILGE WATER	1.4	m ³
DISPERSANT (LOOSE DECK TANK)	0.25	m ³

PERFORMANCES (APPROX.)

BOLLARD PULL AHEAD TRIAL	19.3	ton(m) average
BP MAX	19.7	ton(m)
SPEED	11.0	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar C18 ACERT
TOTAL POWER	1000 bkW (1360 bhp) @ 2100 rpm
GEARBOXES	2x Reintjes WAF 264/ 5.476:1
PROPULSION	2x Promarin fixed pitch propeller
DIAMETER	2x 1400 mm in DMC Optima nozzles
BOWTHRUSTER	125 bhp, electrically driven

AUXILIARY EQUIPMENT

GENERATOR SETS	3x CAT C4.4
CAPACITY	3x 86,25 kVA, 50 Hz, 230/400V AC
TRANSFER PUMPS	For Fresh Water: SIHI, 25 m ³ /h @ 1.5 bar For Fuel Oil: SIHI 25 m ³ /h @ 1.5 bar
FUEL OIL SEPARATOR	Facet MV-11AG 400V AC

DECK LAY-OUT

ANCHOR	1x 195 kg Pool (HHP)
CHAIN	17,5 mm short-link anchor chain 137.5 m
ANCHOR WINCH	Kraaijeveld electrically driven
TOWING PINS	Manual operated
GOB EYE	Manual operated
TOWING HOOK	Mampaey DCX
TOWING WINCH	Kraaijeveld electrically driven 200m 40mm. 30t 6,5m/min and 9,5t 24m/min. Brake 50t
DISPERSANT SYSTEM	Megator Mega Spray 150, 82L/min Disp. Mix

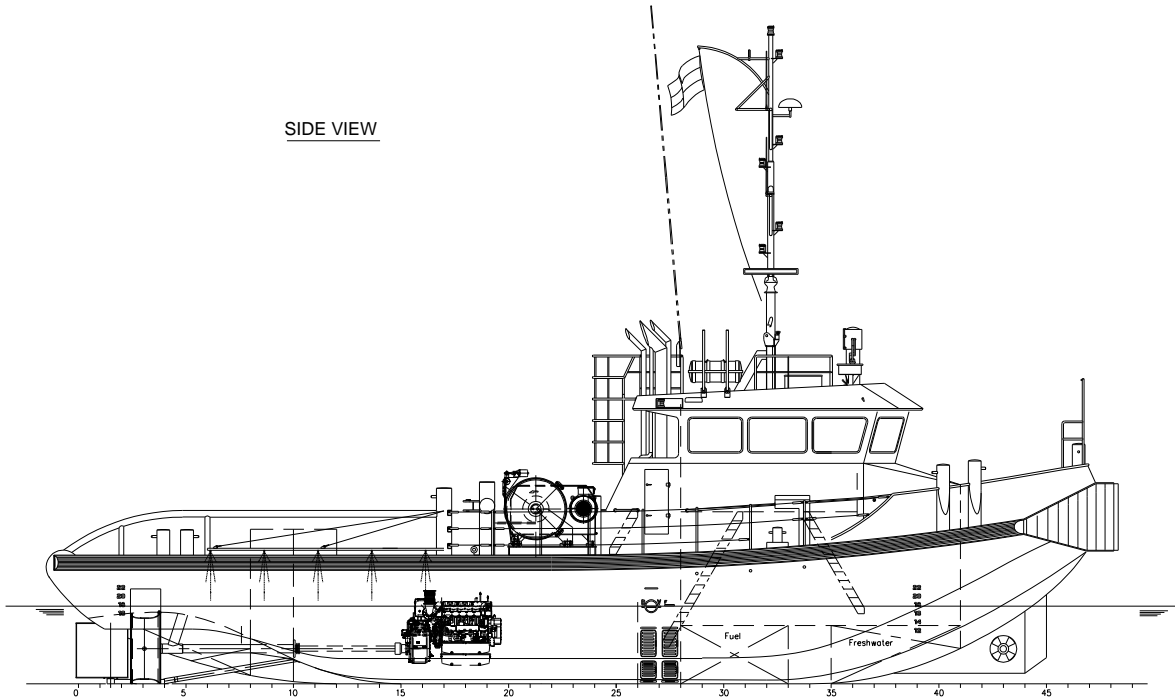
ACCOMMODATION

Heated and air-conditioned living spaces for 6 persons, consisting of a captain's cabin, an officers cabin, two double crew cabins, a galley and sanitary facilities.

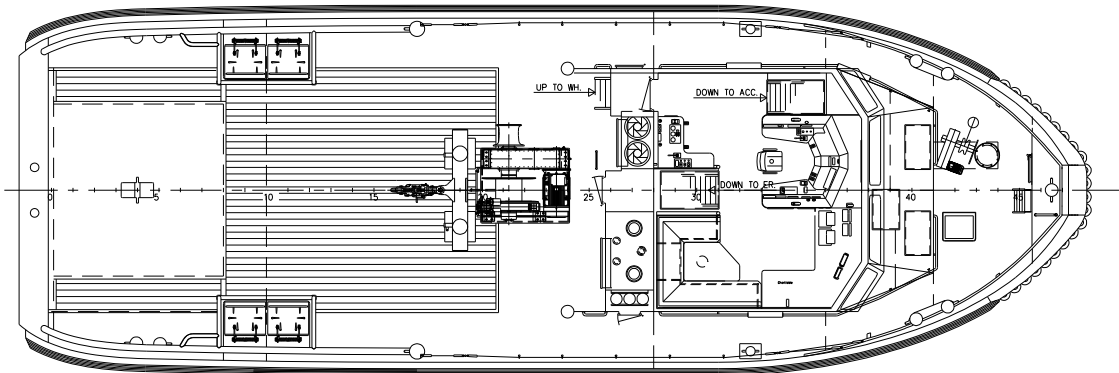
NAUTICAL AND COMMUNICATION EQUIPMENT

ACCORDING GMDSS AREA3	
SEARCHLIGHTS	Pesch 2x 2000W
MAGNETIC COMPASS	Cassens & Plath Reflecta 1
GYRO COMPASS	Anschuetz Standard 22 Compact
RADAR	Furuno FR-2117
GPS	Furuno GP150-D
AUTOPILOT	Seapilot 76
AIS	Furuno FA-150
ECHOSOUNDER	Furuno FE-700
SPEEDLOG	Furuno DS-80
VHF RADIO TELEPHONE	2x TT Sailor RT6222
GSM	Sagem Telsat
HANDHELD VHF	2x Jotron TR20
NAVTEX	Furuno NX 700
MF/HF TRANCEIVER	TT Sailor RT6310 with DSC
INMARSAT-C	2x TT Sailor 6110
BRIDGE WATCH ALARM	Marble 421
INTERCOM	Radio Zeeland Sigma 700
WIND INDICATOR	Meteo system Obsermet OMC-115
FLEET SYSTEM	TT Sailor Fleet broadband 250

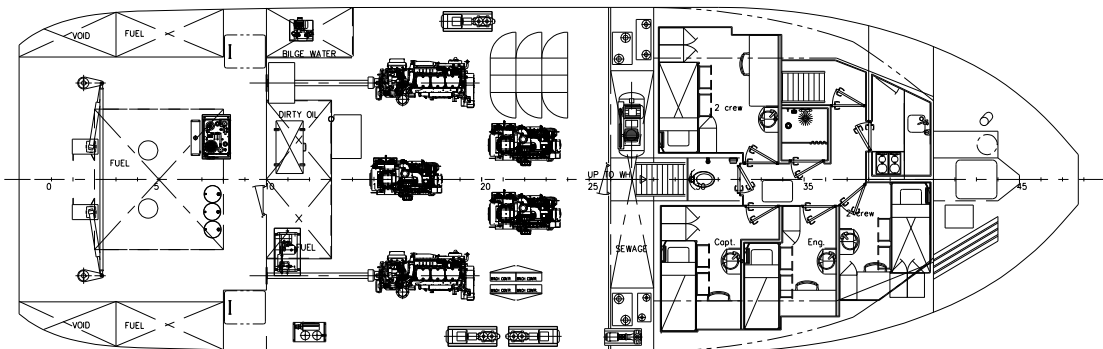
SIDE VIEW



VIEW ON MAIN DECK



VIEW BELOW MAIN DECK



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DAMEN

DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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