



DAMEN SHOALBUSTER® 2609 "MCS ALIX"

GENERAL

YARD NUMBER	571622 (Damen Shipyards Hardinxveld)
DELIVERY DATE	May 2011
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	Bureau Veritas I ✱ HULL • MACH Tug unrestricted navigation AUT-UMS
REGULATIONS	MCA Workboat Code Category 1
FLAG	United Kingdom
OWNER	Maritime Craft Services Ltd. United Kingdom

DIMENSIONS

LENGTH O.A.	26.21	m
BEAM O.A.	9.10	m
DEPTH AT SIDES	3.60	m
DRAUGHT AFT	2.65	m
DISPLACEMENT	381	ton

TANK CAPACITIES

FUEL OIL	126.0	m ³
FRESH WATER	30.3	m ³
LUBRICATION OIL	1.7	m ³
HYDRAULIC OIL	1.7	m ³
DIRTY OIL	3.8	m ³
SEWAGE	6.6	m ³

PERFORMANCES

BOLLARD PULL AHEAD	28.0	ton
SPEED	11.1	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3508C TA/C
TOTAL POWER	1642 bkW (2200 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 562 / 5.421:1
PROPELLERS	2x 1870 mm Promarin fixed pitch
CONTROLS/STEERING	Straathof/WK Hydraulics
NOZZLES	2x Damen Marine Components 'Optima'
BOW THRUSTER	1x 200 bhp, hydraulically driven

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar C-4.4 TA
CAPACITY	2x 86 kVA, 50 Hz, 230/400V
HYDRAULIC SET	1x Caterpillar C-9 TA
CAPACITY	269 kW at 1800 rpm
TRANSFER PUMPS	1x SIHI AKHK 5101, 17 m ³ /h at 2.3 bar for fuel oil 1x SIHI AKHK 5101, 17 m ³ /h at 2.3 bar for fresh water
FUEL OIL SEPARATOR	1x Westfalia OTC 2, 1150 ltr/hr

DECK LAY-OUT

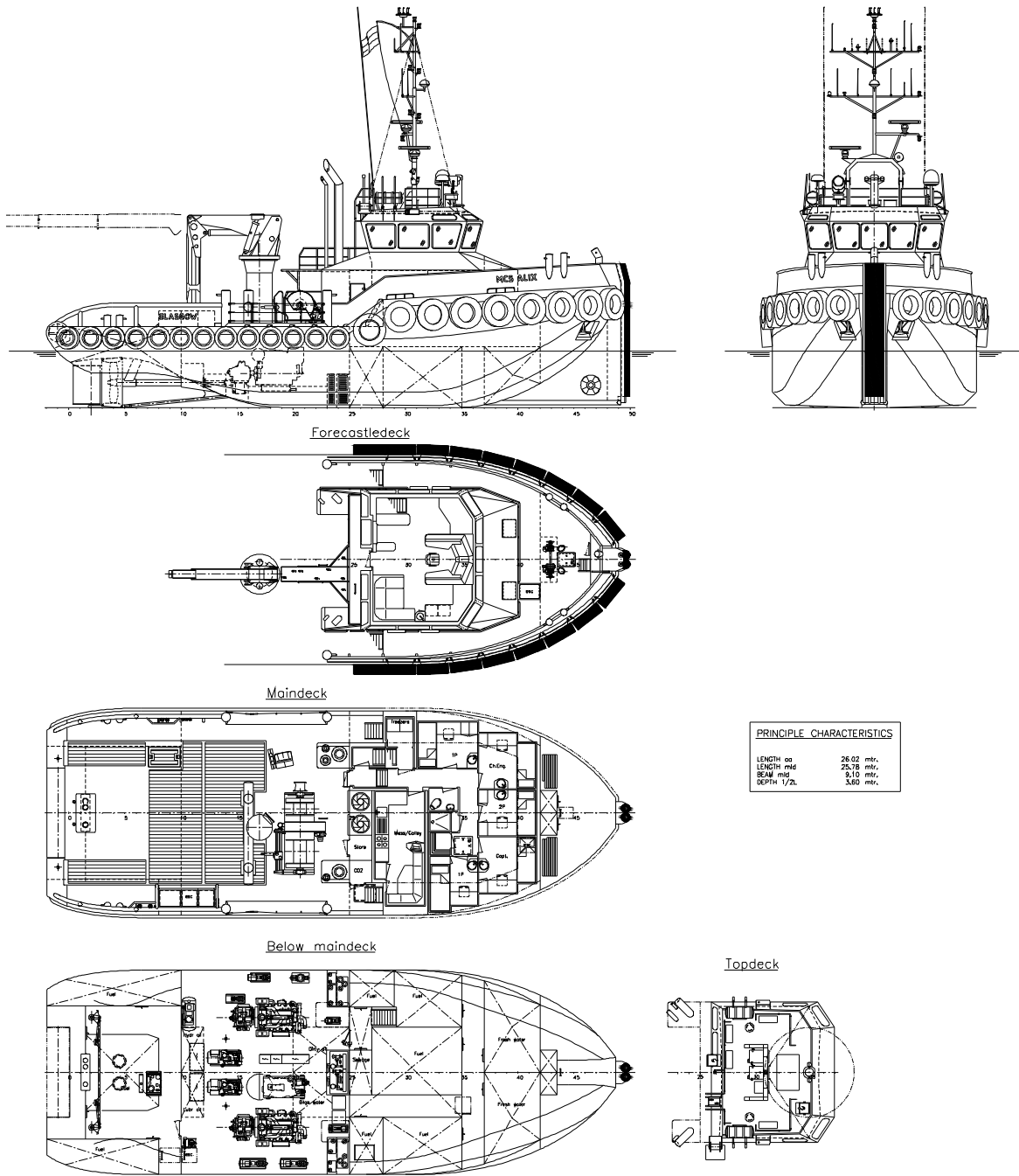
ANCHOR	2x 225 kg Pool (HHP)
ANCHOR CHAIN	17.5 mm short-link anchor chain 192.5 m
DECK CRANE	Heila HLRM 140-4SL
ANCHOR HANDLING/TOWING WINCH	Ridderinkhof, double drum in split execution
CAPACITY	40 ton at 3 m/min pull 5.5 ton at 17.5 m/min pull
TOWING HOOK	Mampaey, 30 ton SWL
TUGGER WINCH	8 ton at 4.5 m/min
TOWING PINS	WK Hydraulics, triple pin type

ACCOMMODATION

Heated and air-conditioned living spaces for 6 persons, consisting of one double-crew cabin, four single crew cabins, sanitary facilities and a combined galley/mess.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCH LIGHTS	1x Pesch 500W, 1x Pesch 1000W
RADAR SYSTEM	1x Furuno FAR-2117
MAGNETIC COMPASS	1x Cassens & Plath
SATELLITE COMPASS	1x Furuno SC 50
AUTOPILOT	1x Radio Zeeland Seapilot 75
GPS	1x Furuno GP-150D
ECHOSOUNDER	1x Furuno FE-700
SPEEDLOG	1x Furuno DS-80
VHF/DSC	3x Sailor RT-5022
HANDHELD VHF	2x Jotron Tron TR-20
SSB/DSC	1x Thrane & Thrane SYS 5000
INMARSAT-C	1x Sailor RH-2095
NAVTEX	1x Furuno NX-700
AIS	1x Furuno FA-150
GYROCOMPASS	1x Anschuetz Standard Compact 22



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DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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