



DAMEN MULTI CAT® 2611 "MCS GEMMA"

GENERAL

YARD NUMBER	571626 (Damen Shipyards Hardinxveld)
DELIVERY DATE	May 2011
BASIC FUNCTIONS	Anchor handling, dredger service, supply, towing, hose handling and survey
CLASSIFICATION	Bureau Veritas I * Hull • MACH Tug Unrestricted navigation, AUT-UMS
NAT. AUTHORITIES	MCA Workboat Code Category 1
FLAG	United Kingdom
OWNER	Maritime Craft Services Ltd. United Kingdom

DIMENSIONS

LENGTH O.A.	26.00	m
BEAM O.A.	11.50	m
DEPTH AT SIDES	3.50	m
DRAUGHT	± 2.50	m
DISPLACEMENT	515	ton(m)

TANK CAPACITIES

FUEL OIL	119.0	m ³
BLACK/GREY WATER	9.2	m ³
FRESH WATER	48.0	m ³
DIRTY OIL	2.0	m ³
HYDR OIL	1.2	m ³
LUB OIL / BILGE WATER EACH	1.8	m ³
BALLAST WATER	60.0	m ³

PERFORMANCES

BOLLARD PULL	32.6	ton(m)
SPEED	10.4	knots

PROPULSION SYSTEM

MAIN ENGINES	3x Caterpillar 3412D TTA
TOTAL POWER	1896 bkW at 1800 rpm
GEARBOXES	3x Reintjes WAF 464 5.591 : 1
PROPULSION	3x Promarin fixed pitch propellers in Optima nozzles, 1700 mm
BOWTHRUSTER	Hydraulically driven 200 kW, 360°

AUXILIARY EQUIPMENT

GENERATOR SETS	2x Cat. C 04.4, 107,5 kVA each
HYDRAULIC POWER	Caterpillar C18 TA, 357 kW 1800rpm
FUEL OIL SEPERATOR	Westfalia OTC-2, 1150 ltr/hr

DECK LAY-OUT

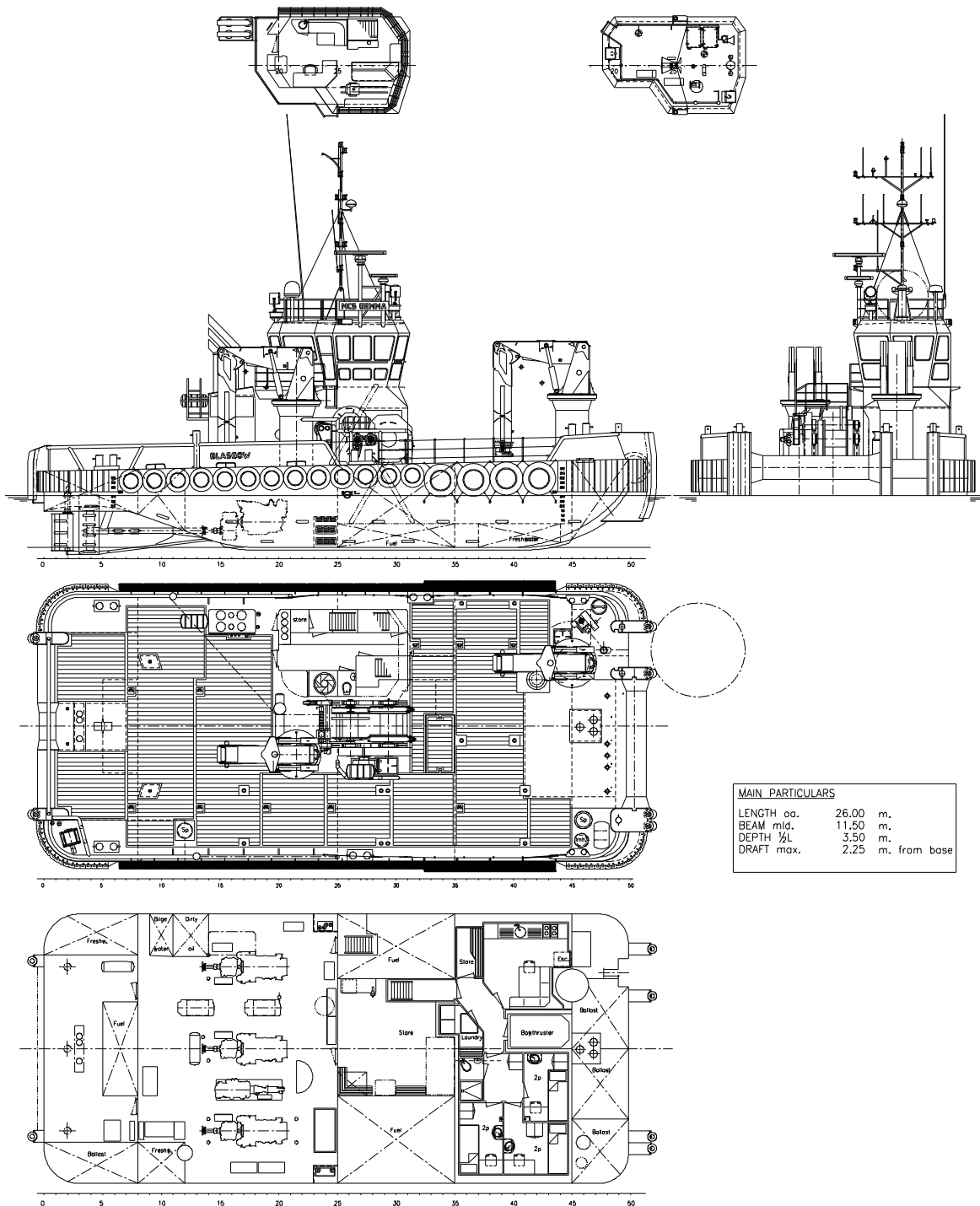
ANCHOR	270 kg Pool TW (HHP)
ANCHOR WINCH	Ridderinkhof, hydraulically driven CAW-H-136
DECK CRANE	1x Heila HLRM 230-4SL 1x Heila HLRM 230-4SL
ANCHOR HANDLING / TOWING WINCH	Ridderinkhof, AHW-H-1000 double drum in waterfall execution
CAPACITY	Towing 50 ton at 10 m/min pulling force (1 st layer) Towing 90 ton brake holding force (1 st layer) Anchor 100 ton at 5 m/min pulling force (1 st layer) Anchor 150 ton brake holding force (1 st layer)
TOWING PINS	2x WK Hydraulics triple pin type
TUGGER WINCH	S100 13ton at 30m/ min
CAPSTAN	WK Hydraulics, 5 ton at 30 m/min

ACCOMMODATION

Comfortable heated and air-conditioned accommodation for 6 persons in 3 cabins, galley, sanitary facilities, etc.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCH LIGHTS	2x Pesch 2000 W
RADAR SYSTEM	1x Furuno, FAR 2117
COMPASS	1x Cassens & Plat, Reflecta 1
GYRO COMPASS	1x Anshuetz, Standard 22
ECHOSOUNDER	1x Furuno, FE-700
SPEEDLOG	1x Furuno, DS-80
GPS	1x Furuno, GP-150 D
AUTOPILOT	1x Sea pilot 75
VHF	2x Sailor, RT5022
HANDHELD VHF	2x TR-20
SSB	1x Furuno, FS-1570
INMARSAT - C	2x TT-3000E
NAVTEX	1x Furuno, NX-700
AIS	1x Furuno, FA-150
WATCH ALARM	1x Marble, 421
INTERCOM	Sigma-700



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DAMEN

DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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