



DAMEN SHOALBUSTER® 2609

"MAQTAA"

GENERAL

YARD NUMBER	571680 (Damen Shipyards Hardinxveld)
DELIVERY DATE	May 15, 2016
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	Bureau Veritas I ✕ HULL • MACH Tug unrestricted navigation AUT-UMS U.A.E.
FLAG	U.A.E.
OWNER	Abu Dhabi Ports Company

DIMENSIONS

LENGTH O.A.	26.02	m
BEAM M.L.D.	9.10	m
DEPTH AT SIDES	3.60	m
DRAUGHT AFT APPROX.	2.65	m
DISPLACEMENT	290	ton
GROSS TONNAGE	212	GT

TANK CAPACITIES

FUEL OIL	125.9	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
BILGEWATER	3.8	m ³
SEWAGE	6.4	m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD	28.0	ton (average)
BOLLARD PULL ASTERN	20.0	ton (average)
SPEED	11.0	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3508B TA/C
TOTAL POWER	1640 bkW (2200 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 562/5.421 : 1
PROPELLERS	2x 1800 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 6101, 32 m ³ /h at 1.5 bar for fuel oil 1x SIHI AKHK 6101, 32 m ³ /h at 1.5 bar for fresh water
FUEL OIL SEPARATOR	1x Alfa Laval 1150 l/h

DECK LAY-OUT

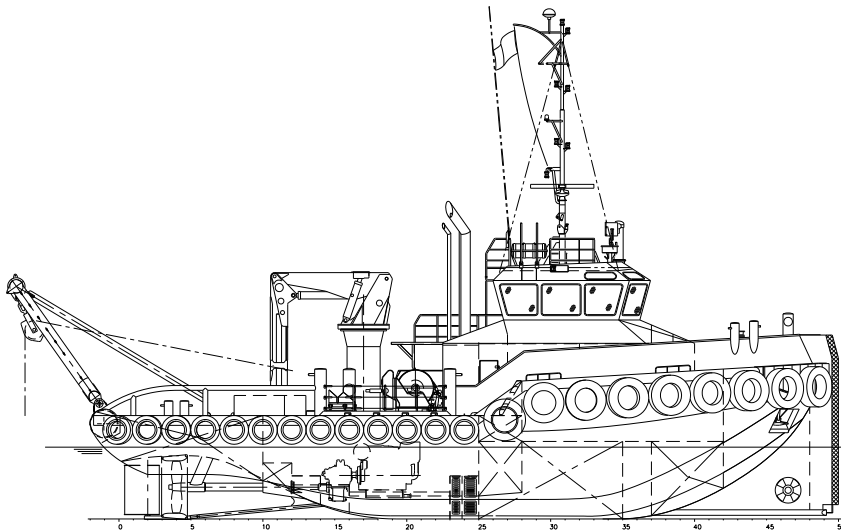
ANCHOR	2x 225 kg Pool TW (HHP)
ANCHOR WINCH	Ridderinkhof, hydraulically driven
DECK CRANE	Heila HLRM 140-4SL,
CAPACITY	5.3 ton(m) @ 18.03 m & 16.8 ton @ 7,69 m
WINCH ON CRANE	5 ton single line use, 9 ton double line use
ANCHOR HANDL./TOW WINCH	Ridderinkhof AHW-H-400
CAPACITY APPROX	Pulling force, 40 ton @ 3 m/min on first layer, Slack rope speed 17.5 m/min, Brake holding force, 90 ton on first layer, Storage capacity 650m ø36mm towing line, Storage capacity 300m ø36mm anchor handling line
TOWING PINS	1x WK hydraulics, triple pin type
CAPSTAN	1x capstan, 5.0 ton, 30 m/min hauling speed
A- FRAME	Dismountable 20Ton SWL A-Frame, mounting provisions are foreseen
TUGGERWINCH	1x Brevini 8 ton @ 4.5 m/min

ACCOMMODATION

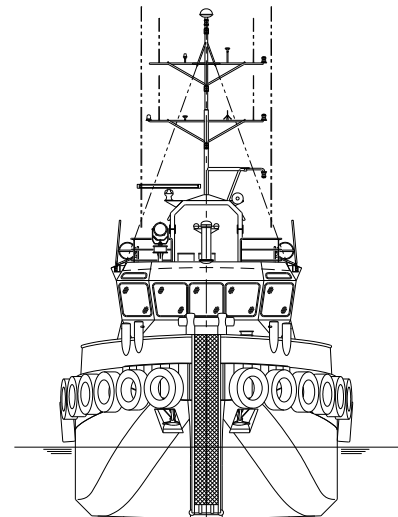
Heated and air-conditioned living spaces for 8 persons, consisting of one double-crew cabin, four single crew cabins, sanitary facilities and a combined galley/mess.

NAUTICAL AND COMMUNICATION EQUIPMENT

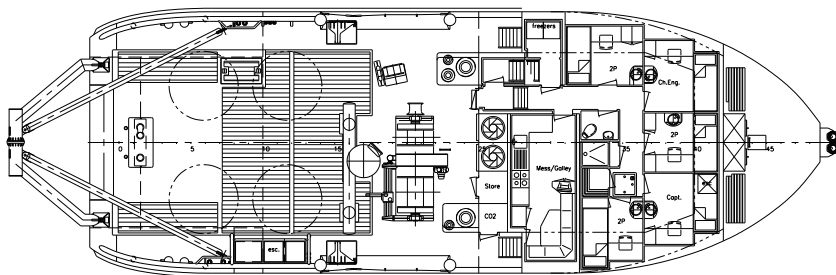
RADAR SYSTEM	1x Furuno FAR-2117
MAGNETIC COMPASS	1x Cassens & Plath Reflecta 1
AUTOPILOT	1x Radio Zeeland Seapilot 75
GPS	1x Furuno GP-150D
ECHOSOUNDER	1x Furuno FE-700
SPEEDLOG	1x Furuno DS-80
VHF/DSC	3x Sailor RT-6222
HANDHELD VHF	2x Jotron Tron TR-20
SSB/DSC	1x FS-1570
INMARSAT-C	2x Sailor TT MINI-C
NAVTEX	1x Furuno NX-700
AIS	1x Furuno FA-150
GYROCOMPASS	1x Anschuetz Standard Compact 22
EPIRB	1x Tron-40S-MKII
RADAR TRANSPONDER	1x Tron SART-20
ECDIS	1x Furuno FMD 3100
INTERCOM	1x Sigma-700 MKII
WATCH ALARM	1x MS-421



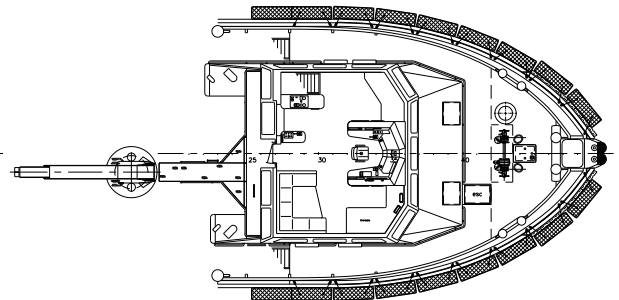
Maindeck



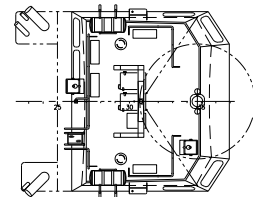
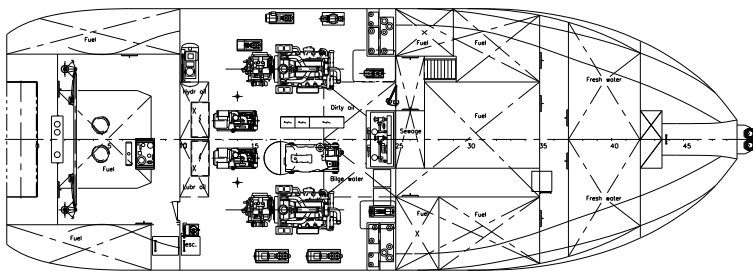
Forecastledeck



Below maindeck



Topdeck



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"YN 571680"

DAMEN

DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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