



DAMEN ASD TUG® 3211 "STANFORD"

GENERAL

YARD NUMBER	511211
DELIVERY DATE	February 2005
BASIC FUNCTIONS	Towing, mooring, escorting, fire-fighting and pollution control * 100 A1 Escort Tug * LMC UMS
CLASSIFICATION	Fire Fighting 1 with waterspray Isle of Man
FLAG	Isle of Man
OWNER	BP Shipping Limited, England

DIMENSIONS

LENGTH O.A.	32.22 m
BEAM O.A.	11.24 m
DEPTH AT SIDES	5.00 m
DRAUGHT AFT	5.50 m
DISPLACEMENT	840 ton(m)

TANK CAPACITIES

FUEL OIL	171.6 m ³
FRESH WATER	56.8 m ³
FOAM	24.1 m ³
WATER BALLAST	48.3 m ³
LUBRICATION OIL	7.2 m ³
HYDRAULIC OIL	3.8 m ³
SEWAGE	3.8 m ³
DIRTY OIL	2.8 m ³
SLUDGE	2.8 m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD	66.7 ton(m)
BOLLARD PULL ASTERN	62.6 ton(m)
SPEED	14.2 knots
SPEED ASTERN	13.3 knots

PROPULSION SYSTEM

MAIN ENGINES	MAK 6M25/MCR
TOTAL POWER	3960 bkW (5310 bhp) at 750 rpm
AZIMUTH THRUSTERS	Rolls Royce Aquamaster US 255 CP
PROPELLER DIAMETER	2700 mm

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar 3304B T, 106 kVA each
HARBOUR GENERATOR SET	Caterpillar 3304B NA, 60 kVA
BILGE/GEN. SERVICE PUMP	2x Sterling, AKHA 6101, 34 m ³ at 10 m.w.g.
BILGE WATER SEPARATOR	Facet CPS BV mod. I, 0.5 m ³ /hr
FUEL OIL TRANSFER PUMP	Sterling AKHA 5101, 20 m ³ /hr at 14 m.w.g.
FIFI PUMPS	2x Nijhuis HGT, 1850 m ³ /hr, 12.5 bar
FIFI MONITORS	2x Skum 1200 m ³ /hr
SEWAGE TREATMENT PLANT	Hamworthy ST 0

DECK LAY-OUT

ANCHOR	2x 495 kg HHP, type Pool
ANCHOR/TOWING WINCH	DMT heavy duty split drum, brake 150 ton, 70 ton up to 6 m/min
DECK CRANE	Palfinger 48000 ME
WINCH ON HYDR.CRANE	2.0 ton, 40 m wire
TOWING HOOK	Mampaey 100 ton SWL
CAPSTANS	2x North Sea Winches, 1 ton pull

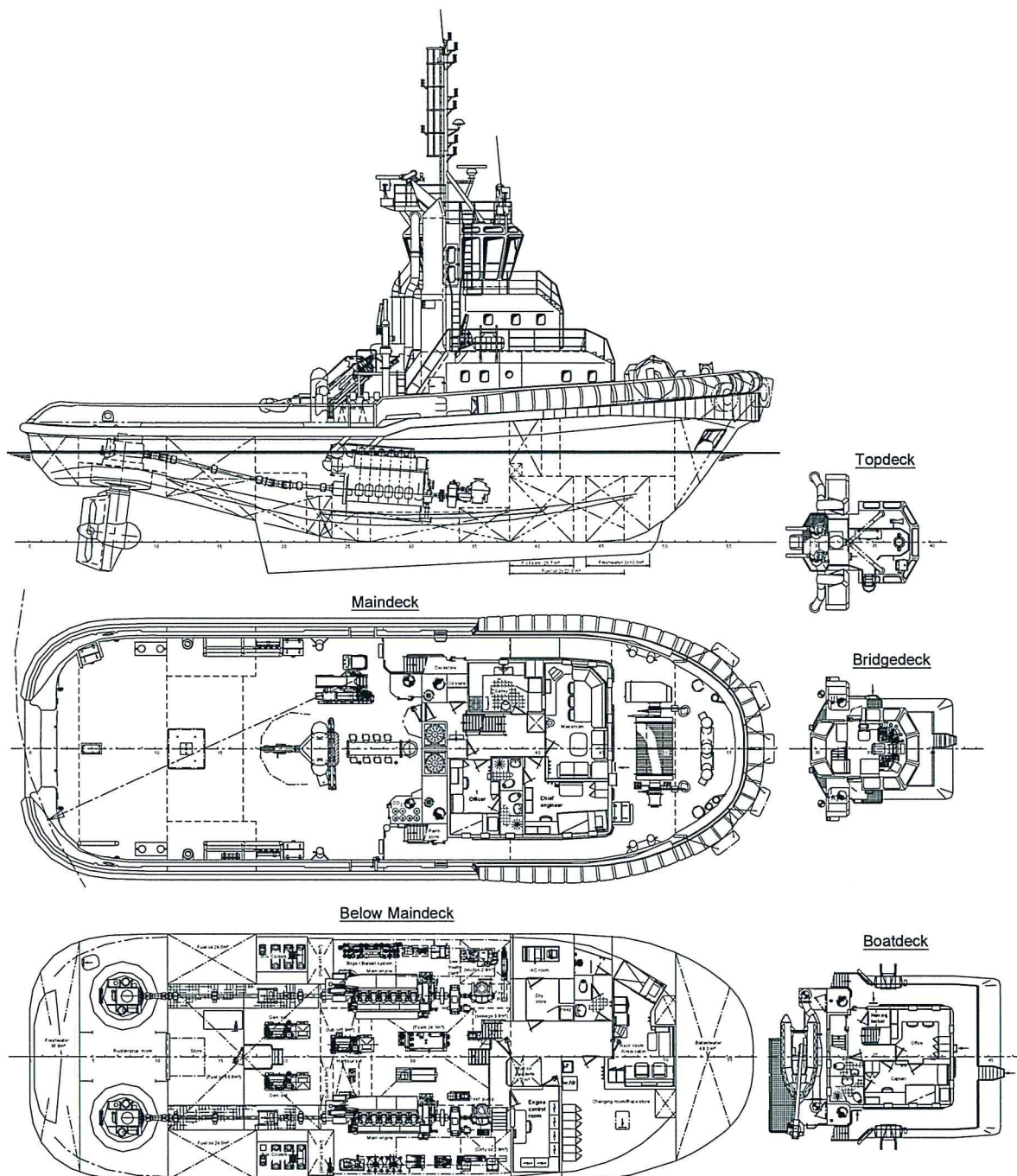
ACCOMMODATION

Heated and air-conditioned spaces for 7 persons, consisting of captain's cabin, chief engineer's cabin, officer's cabin, one crew cabin for 4 persons, stores, mess room, galley and sanitary spaces.

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS	Area A2
RADAR	2x Furuno FR-1505 Mk III
GPS	Furuno GP-90
ECHOSOUNDER	Furuno FE-700
COMPASS	Magnetic, Cassens & Plath, Kotter type
GYRO COMPASS	Litton, Navigat X Mk I
AUTOPILOT	C. Plath, Navipilot V
VHF	1x Sailor Compact RT4822 with DSC
	2x C 4900
SSB	Furuno FS-1570
NAVTEX	Furuno NX-500
AIS	Furuno FA-100
ANEMOMETER	Walker 2020

DAMEN



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DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



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