



LIMA II

GENERAL

TYPE	Damen ASD Tug 3211
BUILT	Damen Shipyards April 1997
CLASSIFICATION	Lloyd's Register ⚓ 100 A1 Tug (⚓) Coastal waters LMC
IMO NUMBER	9144677
FLAG	Kingdom of The Netherlands / Curacao
CALL SIGN	PJCA
GROSS TONNAGE	373
DEADWEIGHT	ton

DIMENSIONS

LENGTH O.A.	32.25 m
BEAM O.A.	10.60 m
DEPTH AT SIDES	5.00 m
DRAUGHT AFT	4.62 m
DISPLACEMENT	670 ton

TANK CAPACITIES

FUEL OIL	180.8 m ³
FRESH WATER	21.9 m ³
FOAM	35.4 m ³
BALLAST WATER	48.0 m ³

PERFORMANCE

BOLLARD PULL AHEAD	62,0 ton
BOLLARD PUL ASTERN	56,6 ton
SPEED AHEAD	13,4 knots

PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3606 TA/CSR
TOTAL POWER	3700 bkW (4963 bhp) at 1000 rpm
AZIMUTH THRUSTERS	2 x Lips FS 1510-350/1510 MN
PROPELLER DIAMETER	2600 mm

ACCOMMODATION

Air conditioned for 7 persons, galley, mess/dayroom, switchboard room, dry store and sanitary facilities

AUXILLIARY EQUIPMENT

GENERATOR SETS	2 x Caterpillar 3306 T, 230/400 V, 156 kVA, 50 Hz
BILGE WATER SEPERATOR	Facet CPS 2,5 BV
SEWAGE PUMP	Libellula L1-3H pumps
FIFI PUMP	Nijhuis NC 1-200520A, 1000 m ³ /hr
FIFI MONITORS	Ajax de Boer, 2x 500 m ³ /hr water or on the mast top 1000 m ³ / hr foam

DECK LAY OUT

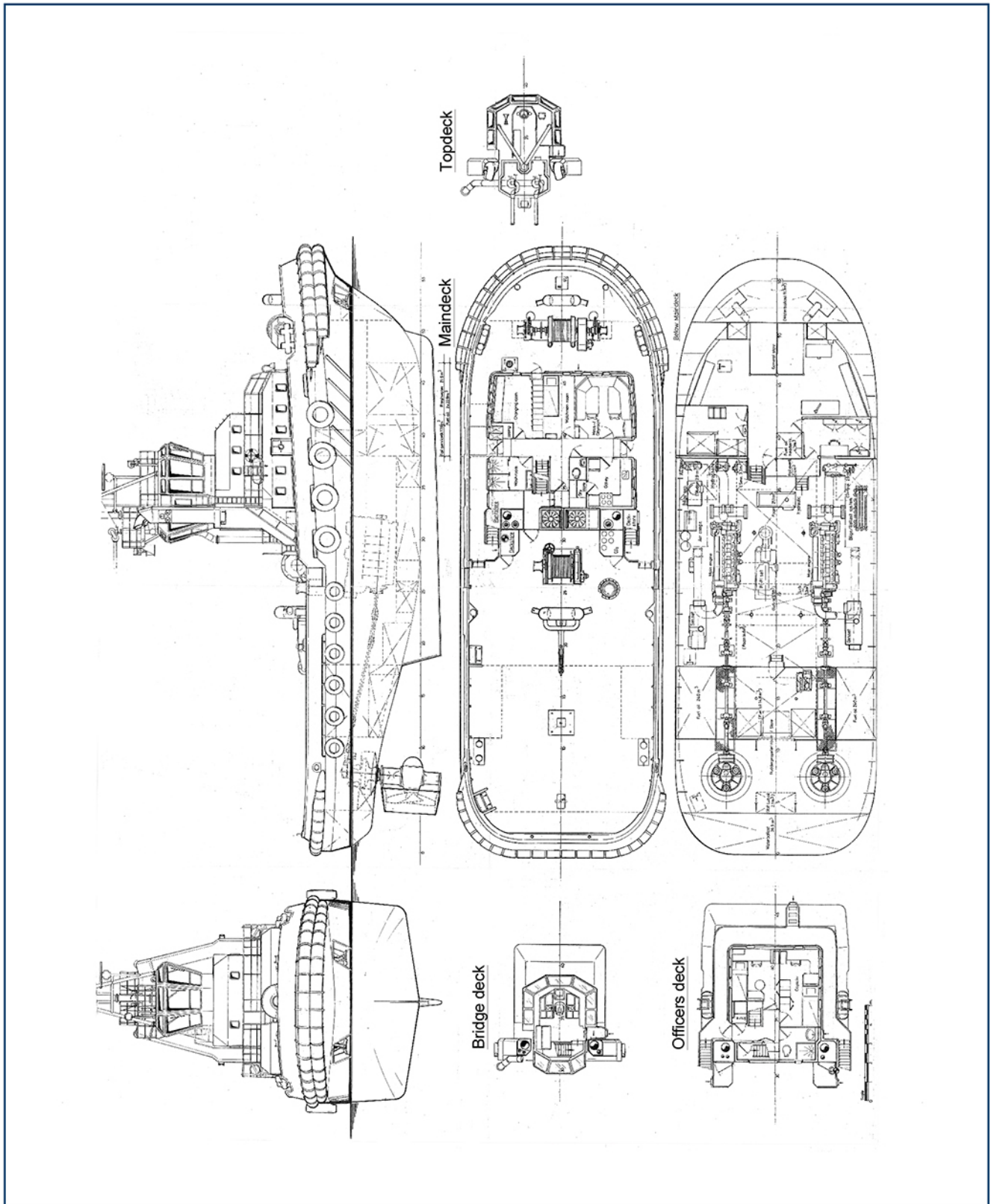
ANCHORS	2 x 360 kg Pool (high holding power)
TOWING WINCH FORE & AFT	Ridderinkhof, 25 ton pull at 20 m/min or 7 ton pull at 60 m/min. 175 ton break.
CAPSTAN	Ridderinkhof 5 ton at 15 m/min
TOWING HOOK AFT	100 ton SWL
WORK BOAT	Narwhal

NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	Furuno FR-8051
COMPASS / AUTO PILOT	Magnetic Kotter, Cassens & Plath
SATELITE COMPASS	Furuno SC-50
AUTO PILOT	Simrad AP-50
GPS	Furuno GP-50
ECHO SOUNDER	Furuno FE-606
VHF RADIO TELEPHONE	2 x Sailor RT2048 with DSC
NAVTEX	Furuno NX-500
AIS	Furuno FA-150
SSB	Sailor RE 2100/T2130
IMARSAT C	2 x Furuno
INMARSAT MINI M	Nero

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