



OLA

GENERAL

TYPE	Damen ASD Tug 2810
BUILT	Damen Shipyards September 2005
CLASSIFICATION	Lloyd's Register ✠ 100 A1 Tug (✠) LMC UMS
IMO NUMBER	9274599
FLAG	Kingdom of The Netherlands / Curacao
CALL SIGN	PJRG
GROSS TONNAGE	294
DEADWEIGHT	133 ton

DIMENSIONS

LENGTH O.A.	28.75 m
BEAM O.A.	10.43 m
DEPTH AT SIDES	4.60 m
DRAUGHT AFT	4.83 m
DISPLACEMENT	545 ton

TANK CAPACITIES

FUEL OIL	96.9 m ³
FRESH WATER	14.1 m ³
FOAM	6.5 m ³
LUBRICATING OIL	6.2 m ³
DIRTY OIL	2.2 m ³
SEWAGE	2.2 m ³
SLUDGE	2.2 m ³
BILGEWATER	5.5 m ³
DISPERSANT	4.3 m ³

PERFORMANCE

BOLLARD PULL AHEAD	58.7 ton
BOLLARD PUL ASTERN	54.9 ton
SPEED AHEAD	13.2 knots

PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3516B TA HD/C
TOTAL POWER	3678 bkW (4930 bhp) at 1600 rpm
AZIMUTH THRUSTERS	2 x Rolls Royce US 205
PROPELLER DIAMETER	2400 mm
FORCED VENTILATION	55.000 m ³ /hr.

ACCOMMODATION

For 6 persons, insulated and finished with durable modern linings, acoustical Dampa ceiling in the wheelhouse, floating floors and air conditioned. With 4 cabins, galley, mess/dayroom, switchboard room, dry store and sanitary facilities.

AUXILLIARY EQUIPMENT

GENERATOR SETS	2 x Caterpillar 3056 T, 230/400 V, 105 kVA, 50 Hz
BILGE PUMPS	2 x Sterling SIHI AKHA 5101 each 20 m ³ /hr
FUEL PUMPS	Sterling SIHI AKHA 4101 and AOHA 3101
COOLING SYSTEM	Box cooling + anti-growth system
PRESSURE SET	Fresh water Sterling AOHA 1202
HYDRAULIC SYSTEM	Double main engine driven Pumps
AIR COMPRESSOR	2 x Atlas Copco LT 70-3 KE
FIFI SET	1 x Ca 3306 TA pump 600 m ³ /hr 10 bar
EMERGENCY FIFI PUMP	Diesel driven 20 m ³ /hr

DECK LAY OUT

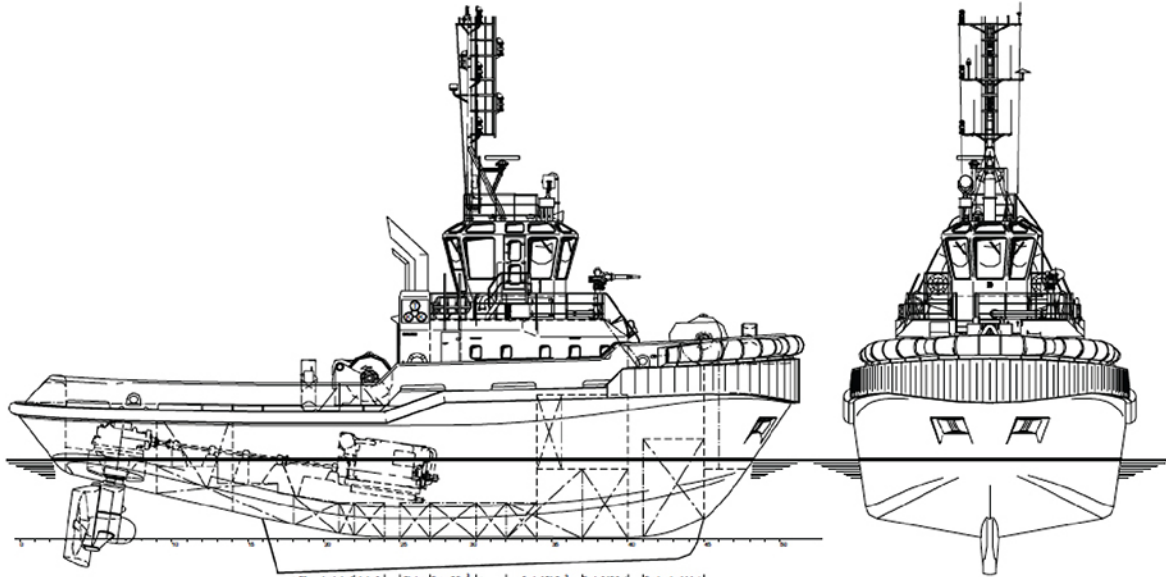
ANCHORS	2 x 360 kg Pool (high holding power)
ANCHOR/TOWING EQUIPMENT	DMT 18 ton pull at 11 m/min, 130 ton break. Hydraulically driven
TOWING WINCH AFT	DMT 18 ton pull at 11 m/min, 130 ton break. Hydraulically driven
FENDERING	D-fender at sides, cylinder and W-block bow fender with water spray

NAUTICAL AND COMMUNICATION EQUIPMENT

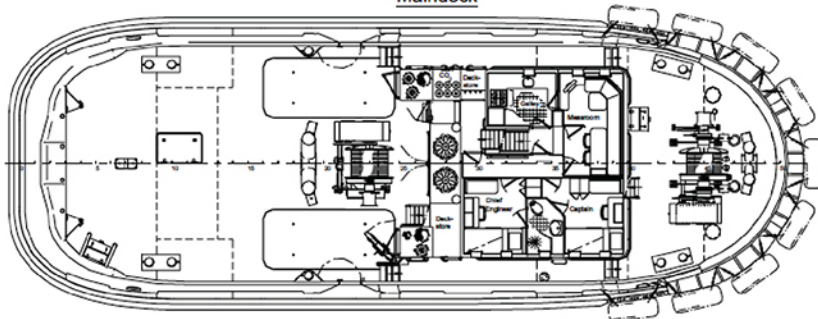
RADAR SYSTEM	Furuno FR-1505 mk III
COMPASS / AUTO PILOT	Magnetic Kotter, Cassens & Plath
SATELITE COMPASS	Furuno SC-50
AUTO PILOT	Simrad AP-50
GPS	Furuno GP-90
ECHO SOUNDER	Furuno LS-6100
VHF RADIO TELEPHONE	2 x Sailor RT4822 with DSC
NAVTEX	Furuno NX-700
AIS	Furuno FA-150
SSB	Furuno FS-1570 with DSC
INMARSAT C	Furuno Felcom 15
INMARSAT MINI M	Nero AB
AIS	Furuno FA-100

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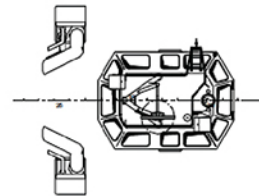
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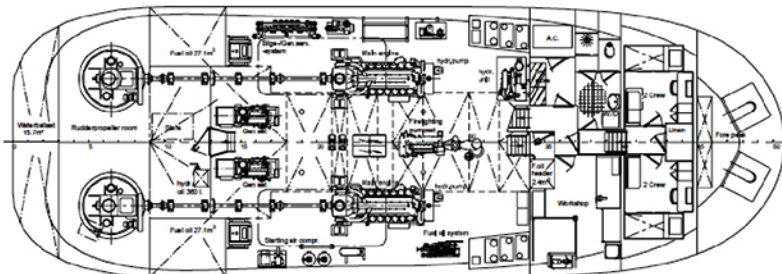
Maindeck



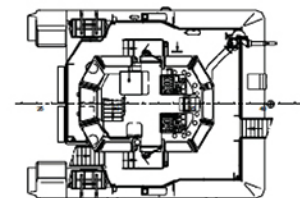
Topdeck



Below Maindeck



Bridgedeck



KTK TUGS

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