



DAMEN STAN TUG® 2608 "ODIN"

BUILT UNDER LICENSE FROM A PREFABRICATED SHIPBUILDING KIT SUPPLIED BY DAMEN TECHNICAL COOPERATION

GENERAL

YARD NUMBER	509816
DELIVERY DATE	April 2007
BASIC FUNCTIONS	Inland water, harbour and coastal Towing services
CLASSIFICATION	✱ 100 A1 Tug [✱] LMC
FLAG	Colombian
OWNER	Intertug

DIMENSIONS

LENGTH O.A.	26.09 m
BEAM O.A.	7.94 m
DEPTH AT ½ SIDES	4.05 m
DRAUGHT AFT	3.90 m

TANK CAPACITIES

FUEL OIL	80.1 m ³
FRESH WATER	12.2 m ³
FOAM	5.7 m ³
SEWAGE	1.8 m ³
BILGE WATER	2.4 m ³
LUBRICATION OIL	1.9 m ³
DIRTY OIL	1.9 m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD	50.0 ton (m)
SPEED	13 knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512 B TA HD+/B
TOTAL POWER	2850 bkW (3822 bhp) at 1600 rpm
GEARBOXES	Reintjes WAF 773 L
PROPELLERS	2x 4 blades
CONTROLS/STEERING	Electric/hydraulic
NOZZLES	Optima

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar 3054 T, 90 kVA, 440 V, 60 Hz
BILGE PUMP	2x Sterling AKHA 5101 22m ³ /hr at 14 m.w.g.
EXTERNAL FIFI	Capacity 300m ³ /hr
EXTERNAL POLLUTION SYSTEM	Capacity foam tank 5,7 m ³
HYDRAULIC SYSTEM	Diesel driven system

DECK LAY-OUT

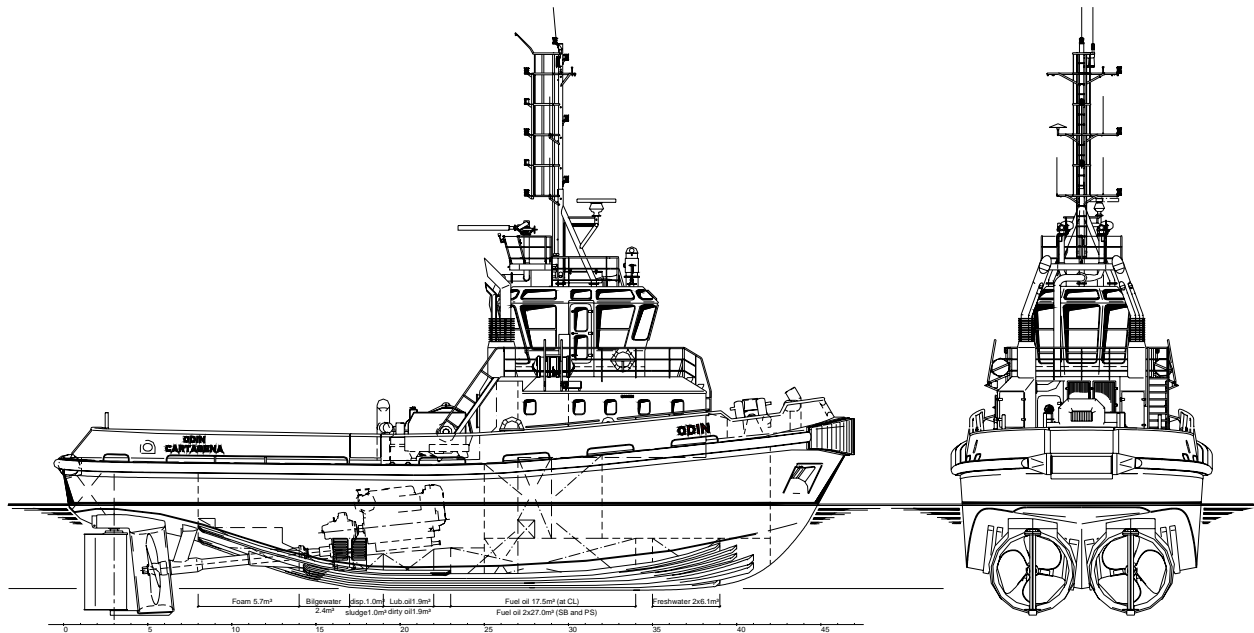
ANCHOR	2x 270 kg, 17.5 mm (stud-link) U2
ANCHOR WINCH	Electrically driven
TOWING EQUIPMENT	Disc. type, SWL 650 kN/65.9 tonf
TOWING WINCH	20 ton SWL, capacity 400 m, wire diameter 44 mm

ACCOMMODATION

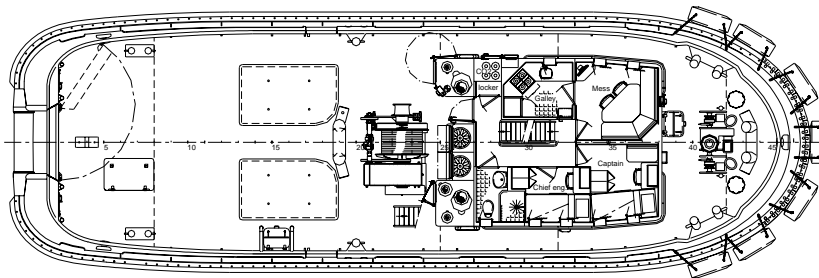
Accommodation for 8 persons. On main deck are situated mess, galley and two cabins, one for captain, one for chief engineer. Below main deck are situated three doubled crew cabins and store

NAUTICAL AND COMMUNICATION EQUIPMENT

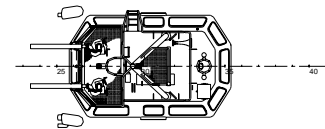
RADAR SYSTEM	Furuno FR-7062
AUTO PILOT	Simrad, AP 50
GPS NAVIGATOR	Furuno, GP-90
ECHOSOUNDER	Furuno, LS 6100
VHF RADIOTELEPHONE	S.P. Radio "Sailor" Compact RT5022
SSB RADIO TELEPHONE	Furuno, FS-1570
NAVTEX	Furuno Navtex receiver, NX-700
GMDSS	Furuno, Felcom 15
A.I.S.	Furuno



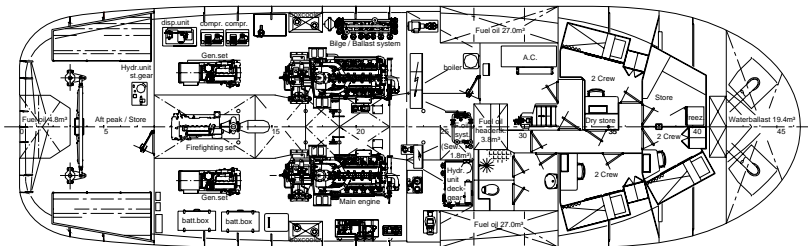
Maindeck



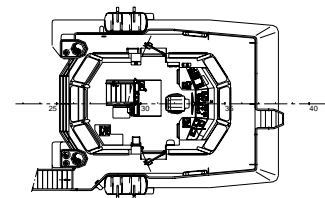
Topdeck



Below Maindeck



Bridgedeck



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"ODIN"

DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.nl
www.damen.nl