



## DAMEN STAN TUG® 2608 "LUKAS"

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

### GENERAL

YARD NUMBER	509834
DELIVERY DATE	June 2009
BASIC FUNCTIONS	Towing, mooring and fire fighting operations
CLASSIFICATION	LR ✕ 100 A1 Tug [✕] LMC
FLAG	Croatia
OWNER	Jadranski Pomorski Servis, Croatia

### BUILDING YARD

NAME	Damex, Santiago de Cuba
COUNTRY	Cuba

### DIMENSIONS

LENGTH O.A.	26.09 m
BEAM O.A.	7.94 m
DEPTH AT SIDES	4.05 m
DRAUGHT AFT	3.96 m
DISPLACEMENT	377 ton

### TANK CAPACITIES

FUEL OIL	80.7 m <sup>3</sup>
FOAM	5.9 m <sup>3</sup>
FRESH WATER	12.2 m <sup>3</sup>
LUBRICATION OIL	1.9 m <sup>3</sup>
WATER BALLAST	19.4 m <sup>3</sup>

### PERFORMANCES (TRIALS)

BOLLARD PULL	50 ton (m)
SPEED.	12.8 knots

### PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512 B TA HD/B
TOTAL POWER	2610 bkW (3500 bhp) at 1600 rpm
GEARBOXES	Reintjes WAF 773L
PROPULSION	2x Promarin fixed pitch propellers of 2350 mm diameter
NOZZLES	2x Van de Giessen "Optima"
STEERING GEAR	Powered hydraulic, steering wheel fore ward, tillers fore and aft.

### AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar C4.4 TA, 95 kVA, 440 V 60 Hz
BILGE PUMPS	2x Sterling AKHA 5101 22m <sup>3</sup> /hr at 14 m.w.g.
BILGE WATER SEPARATOR	Facet CPS 2.5 MKIII, 0.5 m <sup>3</sup> /hr
COOLING SYSTEM	Closed cooling system
EXTERNAL FIFI ENGINE	Caterpillar 3406 T
EXTERNAL FIFI PUMP	Sterling Sihi 600m <sup>3</sup> /hr
HYDRAULIC SYSTEM	M.E. driven pumps

### DECK LAY-OUT

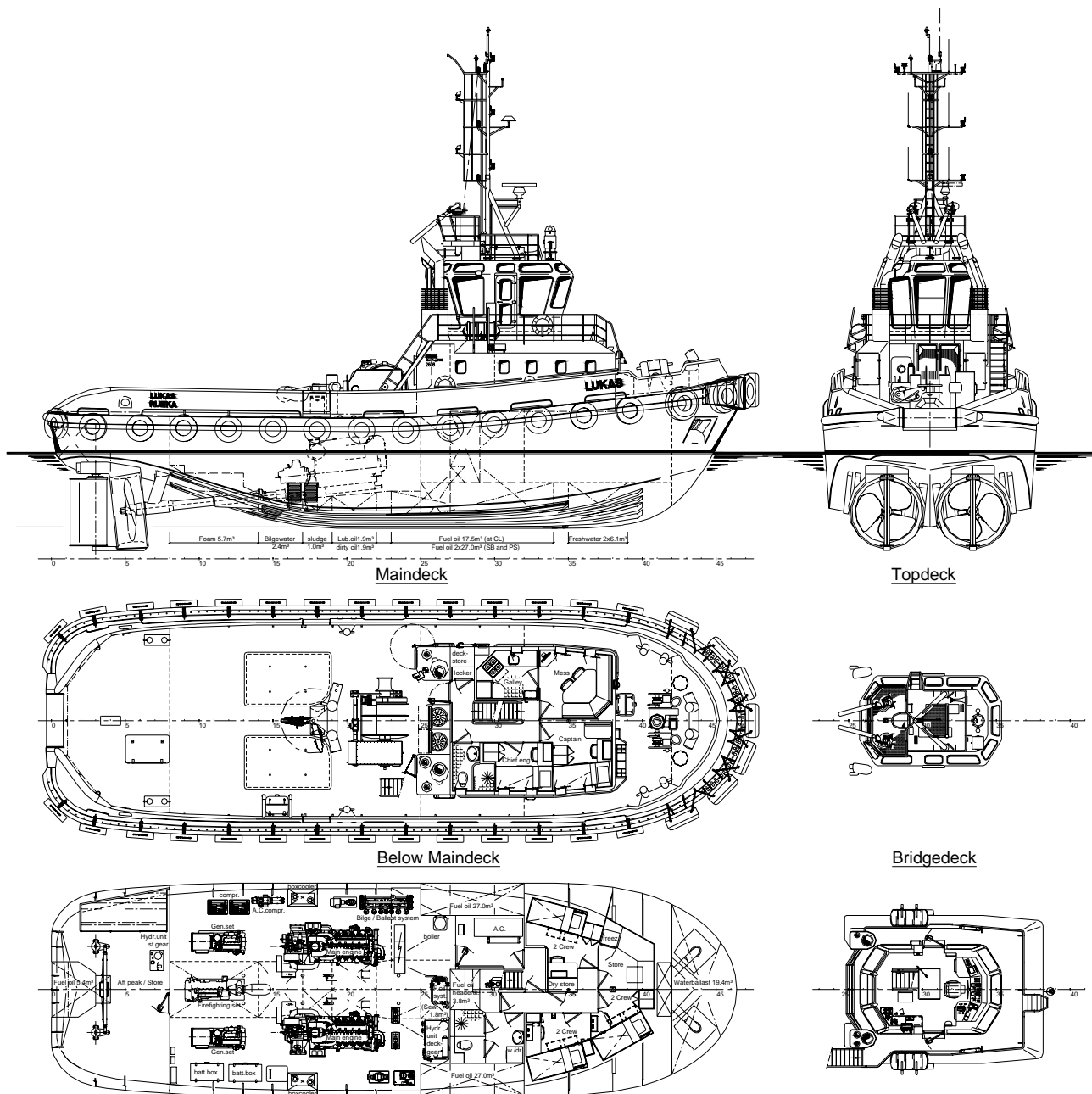
ANCHORS	2x 270 kg (High Holding Power)
CHAIN	247.5 m, 17,5 mm diameter stud-link
ANCHOR WINCH	DMT electric 10 m/min, incl. warping head
TOWING HOOK	Mampaey Disc. type, 65 ton SWL
TOWING WINCH	Kraaijeveld, 20 ton at 10 m/min, slack rope speed 30 m/min.

### ACCOMMODATION

Airconditioned accommodation for 8 persons. On main deck are situated: mess, galley, captain's cabin and C.E. cabin. Below main deck three double crew cabins, sanitary space and a store are situated.

### NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	Furuno FR-8062
AUTOPILOT	Simrad AP 50
GPS NAVIGATOR	Furuno GP-150
ECHOSOUNDER	Furuno LS 6100
VHF RADIO TELEPHONE	2x Sailor RT5022 with DSC
SSB RADIO TELEPHONE	Furuno FS-1570 with DSC
NAVTEX	Furuno NX-700
INMARSATS	2 x Furuno Felcom 15
AIS	Furuno FA-150



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"LUKAS"

## DAMEN

DAMEN SHIPYARDS GORINCHEM

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