



DAMEN STAN TUG® 2608

"NEC VISION"

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

GENERAL

YARD NUMER	509815
MATERIAL	Steel
EXPECTED DELIVERY DATE	October 2006
BASIC FUNCTIONS	Towing and pushing operations
CLASSIFICATION	Lloyd's Register * 100 A1 Tug (*) LMC
FLAG	Trinidad & Tobago
OWNER	National Energy Corporation

BUILDING YARD

NAME	Damex
COUNTRY	Santiago de Cuba, Cuba

DIMENSIONS

LENGTH O.A.	26.16 m
BEAM O.A.	7.94 m
DEPTH AT SIDE AT ½ LENGTH	4.05 m

TANK CAPACITIES

FUEL OIL	80.3 m ³
FOAM	5.9 m ³
FRESH WATER	12.2 m ³
SEWAGE	1.8 m ³
DISPERSANT	1.0 m ³
SLUDGE	1.0 m ³
BILGE WATER	2.3 m ³
LUBRICATION OIL	1.9 m ³
DIRTY OIL	1.9 m ³
WATER BALLAST	19.3 m ³

PERFORMANCES

SPEED	13.0 knots
BOLLARD PULL	50.0 ton

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512 B TA HD+/B
TOTAL POWER	2850 bkW (3822 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 773L
PROPULSION	2x fixed pitch propellers

DIAMETER	2x 2350 mm
DRAUGHT AFT	3.90 m

DECK AND SAFETY EQUIPMENT

ANCHORS	2x 270 kg
CHAIN	1x 110 m & 1 137.5 m
CHAIN DIAMETER	17.5 m (stud-link)
ANCHOR WINCH	1x DMT, 20 ton at 12 m/min
TOWING WINCH	1 x Kraaijeveld, 20 ton at 10 m/min on 1st wire layer
EXTINGUISHERS	4x CO ₂ & 4x dry powder
LIFE BUOYS / JACKETS	4 life buoys and 8 life jackets
LIFE RAFTS	2x RFD for 8 persons
EPIRB	Jotron 40-S
SART	Jotron Tron Sart

AUXILIARY SYSTEM

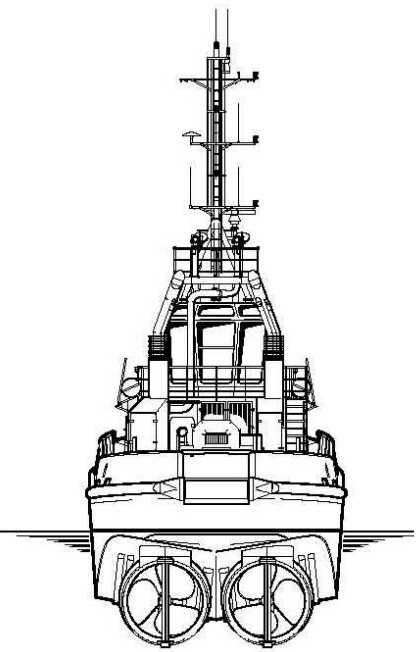
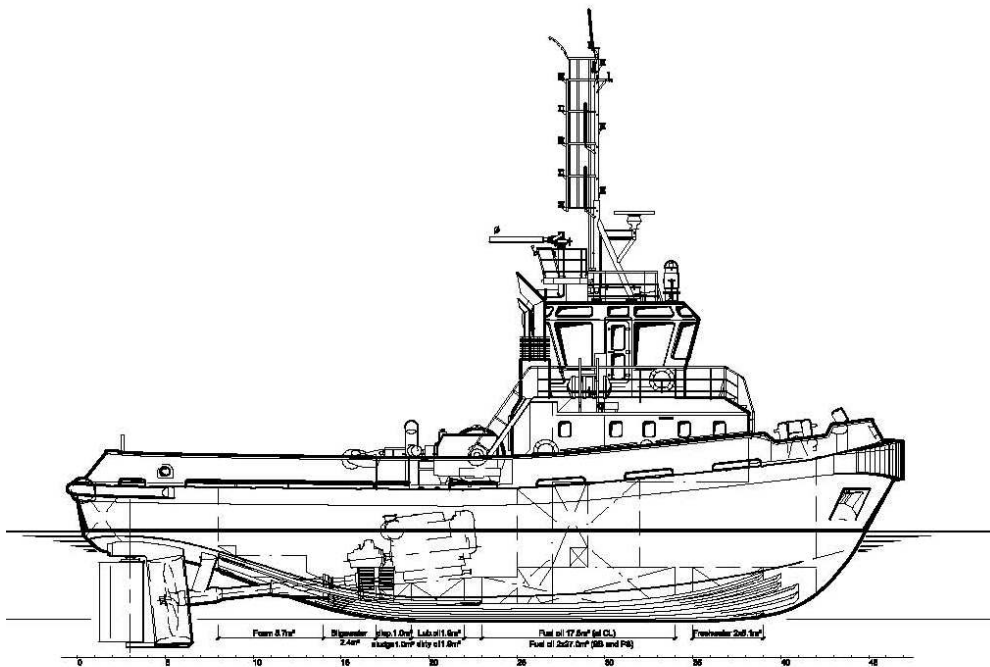
HYDRAULIC SYSTEM	Doedijns B.V.
EXTERNAL FIFI PUMP	1x Caterpillar 3406C TA 1000 m ³ /hr
GENERATOR ENGINE	2x Caterpillar 3054 T
GENERATOR MAKE	2x Leroy Somer LSAM
CAPACITY	± 90 kVA, 440 V, 60 Hz

NAUTICAL AND COMMUNICATION EQUIPMENT

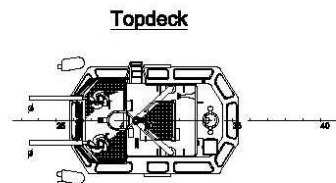
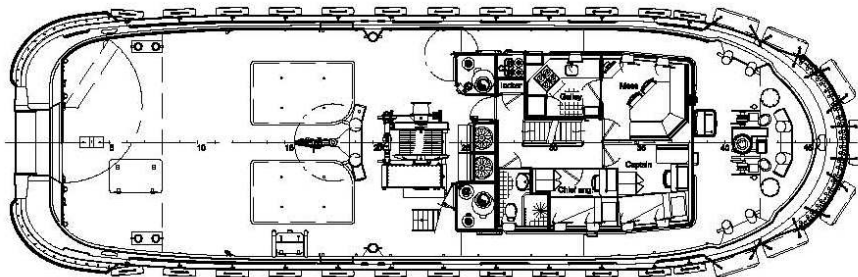
SEARCH LIGHT	1 x 1000 W, make Pesch
RADAR SYSTEM	1x Furuno FR 7062
MAGNETIC COMPASS	1x type Kotter
AUTOPILOT	1x Simrad AP 50
GPS NAVIGATOR	1x Furuno, GP 90
ECHO SOUNDER	1x Furuno, LS 6100
VHF RADIO TELEPHONE	1x SP Radio, RT 4822 = 1 x SP Radio RT 2048
SSB RADIO TELEPHONE	1x Furuno, FS-1570
NAVTEX	1x Furuno, NX-700
INMARSAT SYSTEM	1x Furuno, Felcom 15

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 double crew cabins and store.

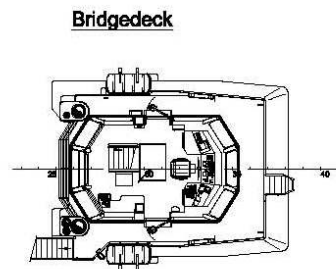
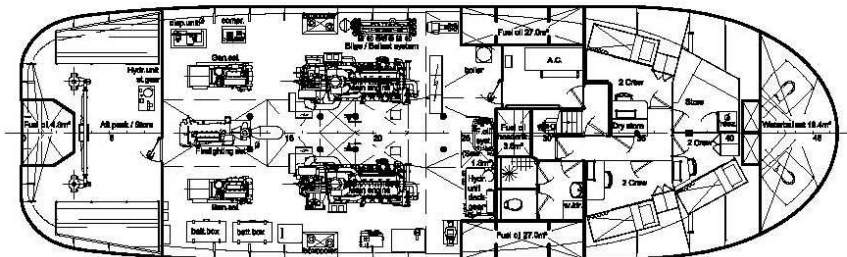


Maindeck



Topdeck

Below Maindeck



Bridgedeck

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DAMEN

DAMEN SHIPYARDS GORINCHEM

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