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

GENERAL
YARD NUMBER 509818
DELIVERY DATE August 2008
BASIC FUNCTIONS Inland water, harbour and coastal towing services
CLASSIFICATION LR 100 A1 Tug [+] LMC
FLAG Colombian
OWNER Intertug

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 AT ½ LENGTH 4.05 m
DRAUGHT AFT 3.95 m
DISPLACEMENT 375 ton

TANK CAPACITIES
FUEL OIL 80.7 m³
FOAM 5.9 m³
FRESH WATER 12.2 m³
SEWAGE 1.8 m³
BILGE WATER 2.3 m³
LUBRICATION OIL 1.9 m³
DIRTY OIL 1.9 m³
DISPERSANT 1.0 m³
SLUDGE 1.0 m³
WATER BALLAST 19.4 m³

PERFORMANCES (TRIALS)
BOLLARD PULL 51.7 ton (m)
SPEED 13.2 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
PROPELLERS 2350 mm
NOZZLES Electrically/ hydraulically driven
2x Van de Giessen “Optima”

AUXILIARY EQUIPMENT
MAIN GENERATOR SETS 2x Caterpillar C4.4 TA, 95 kVA, 440 V 60 Hz
BILGE PUMP 2x Sterling AKHA 5101 22m³/hr at 14 m.w.g.
EXTERNAL FIJI SET Caterpillar 3056 TA, capacity 300m³/hr
POLLUTION CONTROL SYSTEM Dispersant spray system
HYDRAULIC SYSTEM M.E. driven pump

DECK LAY-OUT
ANCHORS 2x 270 kg, 17.5 mm (stud-link) U2
ANCHOR WINCH Electrically driven
TOWING HOOK Disc. type, SWL 650 kN/65.9 tonf
TOWING WINCH 20 ton at 10 m/min, slack rope speed 30 m/min.

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

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 S.P. Radio “Sailor” Compact RT5022
SSB RADIO TELEPHONE Furuno FS-1570
NAVTEX Furuno NX-700
INMARSATS 2 x Furuno Felcom 15
AIS Furuno FA-150