**GENERAL**

YARD NUMBER
509817

DELIVERY DATE
December 2007

BASIC FUNCTIONS
Inland water, harbour and coastal towing services, fire fighting, pollution control

CLASSIFICATION
Lloyds Register

FLAG
Cuba

OWNER
Navigacion Caribe

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 SIDE
4.05 m

draught AFT
3.90 m

TANK CAPACITIES
FUEL OIL
80.1 m³

FOAM
5.7 m³

FRESH WATER
12.2 m³

SEWAGE
1.8 m³

BILGE WATER
2.4 m³

LUBRICATION OIL
1.9 m³

DIRTY OIL
1.9 m³

WATER BALLAST
19.4 m³

DISPERSANT
1.0 m³

SLUDGE
1.0 m³

PERFORMANCES (TRIALS)
BOLLARD PULL AHEAD
50.2 ton (m)

SPEED
13.0 knots

**PROPELSION SYSTEM**

MAIN ENGINES
2x Caterpillar 3512 B TA HD+/B

TOTAL POWER
2850 kW (3822 bhp) at 1600 rpm

GEARBOXES
Reintjes WAF 773 L

Ø 2350 mm

PROPELLERS
Electrially/hydraulically driven

NOZZLES
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, 22 m³/hr at 14 m.w.g.

EXTERNAL FIFI
Capacity 300 m³/hr water/foam

EXTERNAL POLLUTION SYSTEM
Megator DP20

HYDRAULIC SYSTEM
Double main engine driven pumps

**DECK LAY-OUT**

ANCHORS
2x 270 kg, Ø 17.5 mm (stud-link) U2

ANCHOR WINCH
Electrically driven

TOWING EQUIPMENT
Mampaey Disc type, SWL 650 kN/65.9 tonf

TOWING WINCH
Kraaijeveld, 20 ton SWL, capacity 400 m, wire Ø 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 double crew cabins and store.

**NAUTICAL AND COMMUNICATION EQUIPMENT**

SEARCH LIGHT
2x Pesch, 1000 Watt

RADAR SYSTEM
Furuno FR-8062

AUTO PILOT
Robertson AP 50

GPS NAVIGATOR
Furuno GP 150

ECHOSOUNDER
Furuno LS 6100

VHF RADIO TELEPHONE
1x Sailor RT 5022 with DSC + 1x RT-2048

SSB RADIO TELEPHONE
Furuno FS-1570

VHF HAND HELD
2x VHF Jotron TR-20

NAVTEX
Furuno Navtex receiver, NX-700
DAMEN STAN TUG® 2608
"PERLA DEL SUR"