DAMEN ASD TUG® 3211
"STANFORD"

GENERAL
YARD NUMBER 511211
DELIVERY DATE February 2005
BASIC FUNCTIONS Towing, mooring, escorting, fire-fighting and pollution control
CLASSIFICATION # 100 A1 Escort Tug # LMC UMS
FLAG Isle of Man
OWNER BP Shipping Limited, England

DIMENSIONS
LENGTH O.A. 32.22 m
BEAM O.A. 11.24 m
DEPTH AT SIDES 5.00 m
DRAUGHT AFT 5.50 m
DISPLACEMENT 840 ton(m)

TANK CAPACITIES
FUEL OIL 171.6 m³
FRESH WATER 56.8 m³
FOAM 24.1 m³
WATER BALLAST 48.3 m³
LUBRICATION OIL 7.2 m³
HYDRAULIC OIL 3.8 m³
SEWAGE 3.8 m³
DIRTY OIL 2.8 m³
SUCIDE 2.8 m³

PERFORMANCES (TRIALS)
BOLLARD PULL AHEAD 66.7 ton(m)
BOLLARD PULL ASTERN 52.6 ton(m)
SPEED 14.2 knots
SPEED ASTERN 13.3 knots

PROPELLER SYSTEM
MAIN ENGINES MAK 6M25/MCR
TOTAL POWER 3960 kW (5310 bhp) at 750 rpm
ROLLS ROYCE AQUAMASTER US 255 CP
PROPELLER DIAMETER 2700 mm

AUXILIARY EQUIPMENT
MAIN GENERATOR SETS 2x Caterpillar 3304B T, 106 kVA each
HARBOUR GENERATOR SET Caterpillar 3304B NA, 60 kVA
BILGE/ENGINE SERVICE PUMP 2x Sterling, AKHA 6101, 34 m³ at 10 m.w.g.
BILGE WATER SEPARATOR Facet CPS BW mod. I, 0.5 m³/hr
FUEL OIL TRANSFER PUMP Sterling AKHA 5101, 20 m³/hr at 14 m.w.g.
FiFi Pumps 2x Niëhuis HGT, 1850 m³/hr, 12.5 bar
FiFi MONITORS 2x Skum 1200 m³/hr
SEWAGE TREATMENT PLANT Hamworthy ST 0

DECK LAY-OUT
ANCHOR 2x 495 kg HHP, type Pool
ANCHOR/TOWING WINCH DMT heavy duty split drum, brake 150 ton,
WINCH ON HYDRAULIC CRANE 70 ton up to 6 m/min
DECK CRANE Pallinger 48000 ME
WINCH ON HYDRAULIC CRANE 2.0 ton, 40 m wire
TOWING HOOK Mampaey 100 ton SWL
CAPSTANS 2x North Sea Winches, 1 ton pull

ACCOMMODATION
Heated and air-conditioned spaces for 7 persons, consisting of captain’s cabin, chief engineer’s cabin, officer’s cabin, one crew cabin for 4 persons, stores, mess room, galley and sanitary spaces.

NAUTICAL AND COMMUNICATION EQUIPMENT
GMDSS Area A2
RADAR 2x Furuno FR-1505 Mk III
GPS Furuno GP-90
ECO SOUNDER Furuno FE-700
COMPASS Magnetic, Cassens & Plath, Kotter type
GYRO COMPASS Litton, Navigat X Mk I
AUTOPILOT C. Plath, Navipilot V
VHF 1x Sailor Compact RT4822 with DSC
SSB 2x C 4900
NAVTEX Furuno FS-1570
AIS Furuno NX-500
ANEMOMETER Furuno FA-100
WALKER 2020