

LAMNALCO PETREL



General

Vessel type	Berthing/ Line Boat/ FiFi Tug
Year Built	1998
Builder	Damen, Holland
Classification	BV I Hull Mach. Tug Unrestricted Navigation
Flag	Cyprus
Call Sign	P3XB7
IMO Number	9171981
GRT/ NRT	210/ 63

Dimensions

LOA x Breadth x Depth Mld	30.30m x 8.42m (incl. fender) x 4.05m
Draft	3.83m

Tank Capacities

Fuel	86 m/t
Fresh water	14.4 m/t
Dispersant	11.6 m/t
Foam	5.0 m/t
Water ballast	14.5 m/t
Dirty oil	1.94 m/t
Sludge	0.9 m/t
Sewage	2.35 m/t

Propulsion Machinery

Main Engines	2 x Caterpillar 3516TA developing 3420 BHP, 2550KW at 1600 rpm
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Gear boxes	2 x Reinties clutched reduction boxes, Type LAF771, 644-1 reduction
Propellers	2 x Lips CCP 3 bladed bronze propellers 2350 mm dia inboard turning enclosed in fixed nozzles
Main generators	2 x Caterpillar 3304T x 106KVA 3 Phase 380V/220V AC
Emergency generator	1 diesel driven Hatz Type E673 LHK 3.3KW-24V DC
Bow Thruster	1 x Lips 150 HP unit, type 120-620
Bollard Pull	48.6 m/t, 48.5 m/t, 53.3 m/t
Free running speed	12.7 knots

Deck Equipment/ Mooring System

Towing hook	1 x disc type 65 m/t SWL pneumatically released hook
Towing winch	1 x Kraayeveld hyd. winch 10 tonne pull 10m/min retrieve. 100 m/t brake holding
Tow wire	300m x 44mm dia wire
Capstans	2 x 5 m/t capacity, port & stbd main deck 560mm drum, 15m/min. retrieve
Stores davit	750KG SWL Portside hand operated
Anchor windlass	1 x Kraayeveld hydraulic windlass incorporating a 3 m/t vertical warping drum at 10m/min.
Anchors	2 x Pool type 315KG anchors
Chain	2 x 270m x 17.5mm U2 chain

Navigation/ Communication Equipment

Radars	2 x Furuno Type 8051
GPS	Dassault Sercel NP DGPS 1209
VHF radio	2 x Sailor compact Type RT2048
SSB	1 x Furuno FS-1550
Echo sounder	1 x Furuno Type FE4300
Auto pilot	1 x Robertson Type AP50
Magnetic compass	1 x Observator Type Klotter
Internal communications	Vingtor Marine AS Type VCR-SRM-F

Accommodation

Fully airconditioned for 12 persons

Fire Fighting Equipment

Capacity	360m ³ /hr at 13 bar
Monitors	2 monitors mounted on wheelhouse Horizontal/ vertical throw length, 90m/60m
Engine	Caterpillar 3306T
Pump	Nijhuis, split case pump
Water spray system	Full protection drenching system

Anti Pollution Equipment

Pollution control	Port and Stbd portable spray booms 82 ltrs. SW 9 ltrs. disp/min.
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08/01/03