

LAMNALCO ROAN**General**

Vessel type	SBM Line Handling/ BerthingTug
Year Built/ Builder	1998/ Damen Shipyards
Classification	LRS + 100A1 Tug Unrestricted LMC
Flag	Cyprus
Call Sign	P3BY9

IMO Number	9173850
GRT/NRT	212/ 63

Dimensions

LOA x Beam x Depth Mld.	30.30m x 8.42m x 4.05m
Design Draft	3.30m

Cargo Deck

Deck loading	Max. 30 tons at 3 t/m ²
--------------	------------------------------------

Cargo Capacities

Fuel Oil	62.2m ³
Foam	4.8m ³
Dispersant	11.6m ³
Fresh Water	42.0m ³

Propulsion Machinery

Main Engines	2 x Caterpillar 3512-D1-TA/A
Total Power	2546 BHP @ 1800 rpm, 1910 kw
Bollard Pull	31.4 m/t
Gearbox	Reintjes WAF 571/6417:1
Bow Thruster	150 HP
Propellers	2 x Bronze 1900mm dia; Fixed pitch in Nozzles
Steering Gear	Electro hydraulic
Generators	2 x Caterpillar 3306-DI-T/ Caterpillar SR4
	2 x 156KVA 3 Phase 220/380v AC
Full Service Speed	13 knots @ approx. 3.7m/t per day
Fuel Oil Purifier	Alfa Laval/ MMB2035/13

Deck Equipment/ Mooring System

Towing hook		1 x SWL 450 Kn/ 45.8 tonf/ Mampey Quick Release
Aft Towing/ AH Winch		Kraaijeveld/ ONE/ KA-10 100 m/t capacity 100ts/ 10ts; line pull at 10m/min. 500m/r x 44mm wire on drum
Capstan		2 x 5 tons line pull @ 15m/min. Kraaijeveld
Fendering		Side Pt and Stbd Bow: Tyres and fitted bow D-fenders
Anchor Windlass		3 t @ 10 m/min. Kraaijeveld
Anchors		2 X 315 kg - High holding power
Anchor Chain		2 x 225m

Navigation/ Communication Equipment

GPS		1 x Trimble DGPS
Radar(s)		2 x Furuno FR-8050, 48 nm
Radio(s)	VHF	2 x SP Radio - type Sailor Compact RT2048, 25W
	SSB	Furuno FS-1550
Compass		Magnetic
Autopilot		Robertson
Other Navigation Equipment		Emergency - EPIRB + 3 x handheld VHF

Accommodation

Fully air conditioned	Total 10 berths
-----------------------	-----------------

Fire/ Lifesaving Equipment

Off Ship Fire Fighting	Caterpillar 3306 DI TA/Nijhuis 360m3/hr @ 13 bar
No. of Monitors	2 x Topdeck platform, each 180 m3/hr, foam/water remote
On Ship Safety	Firefighting to meet Solas requirements
Lifesaving	To meet SOLAS requirement
EPIRB & Radar Transponder	Fitted

Anti Pollution Equipment

Dispersant Booms	2 x sprayboom c/w equipment + pump
Spraying gear	Mixing water (9 ltr.)/ dispersant (82 ltr.)/min.

Additional Features

Pilot Boarding Platforms	Fitted Pt. side
Navigation Lights Mast	Collapsible

02/02/05