

## LAMNALCO WAGTAIL



### General

Vessel type	Line Handling Tug
Year Built/ Builder	2004, Sanmar Istanbul, Turkey
Classification	ABS +A1 Towing Vessel + AMS
Flag	Cyprus
Call Sign	C4MT2

IMO Number	9335317
GRT/NRT	224
Deadweight	108 m/t

### Dimensions

LOA x Beam x Depth Mld.	25.25m x 8.6m x 4.0m
Design Draft	3.1m

### Cargo Capacities

Fuel Oil	71m <sup>3</sup> @ 100% cap.
Fresh Water	28.6m <sup>3</sup> @ 100% cap.
Fresh Water Transfer	26m <sup>3</sup> /hr @ 50m head
Foam	4.0m <sup>3</sup>
Dispersant	3.6m <sup>3</sup>

### Propulsion Machinery

Main Engines	2 x CAT 3512B engines each developing 1119 KW,
Total Power	3000bhp
Bollard Pull	40 m/t

Gearbox	Reintjes
Propellers	Two fixed mild steel nozzles fitted with Lips fixed pitch propellers
Steering Gear	2 Data Electro hydraulic units
Rudders	4 x Rudders; two per nozzle - Data
Generators	2 x Perkins Sabre 4TGM heat exchanger cooled, each rated approx. 59 KW 415V, 3 phase, 50 Hz, 0.8P.F
Full Service Speed	12.0 knots
Economical Speed	10 knots
Fuel Oil Purifier	Alpha Laval, MIB 303 with 760 l/h capacity

**Deck Equipment/ Mooring System**

Stern Roller	15 tons SWL, min. 1.75m length x 0.6m dia.
Fendering	Vessel sides at deck level is completely fendered with integrated fenders, 300mm keyhole fenders plus aircraft tyres. At bow where pushing will take place, vertically installed 300mm keyhole fenders with earth mover tyres fitted over. Water spray arrangement supplied over the fendering.
Towing Hook	Data, 45t SWL with quick release
Capstans	2 x 5T Hydraulic with 381mm barrels
Anchor Windlass	2.5t @ 12m/min.
Gob Eye	Flush
Anchors	1 x Pool type , 250 Kg
Anchor Chain	275m x 22mm dia, grade 2, high strength steel
Mooring Lines	2 x 20m long mooring ropes.

**Navigation/ Communication Equipment**

Radar(s)		1 meeting SOLAS & GMDSS
Radio(s)	VHF	2 nos. 25w remote handsets with DSC
	SSB	1 Fitted.
Gyro-Compasses		1 Fitted with digital display
Autopilot		Compatible and interfaced with gyro.
Magnetic compass		7 inch reflector type c/w correction magnet, quadrant balls and reflector tube and compass binnacle, Azimuth device.
Other Navigation Equipment		1 GPS, 1 Echo sounder, 1 Navtex Receiver, 1 Handheld VHF, 1 SART, 1 EPIRB, 1 Internal intercom system

**Accommodation**

Fully air conditioned	Total no. 9 men
2 x 3-berth cabins, 1 x 2-berth cabins	8
1 x 1 Berth	1

**Fire/ Lifesaving Equipment**

Off Ship Fire Fighting	1 units seawater pump, 400m <sup>3</sup> /hr @ 70m head
No. of Monitors	1 unit @ 250m <sup>3</sup> /hr foam/water remote controlled
On Ship Safety	Firefighting to meet Class and Flag requirements
Liferafts	2 x 10 men to SOLAS approved.
Lifesaving	In accordance with Flag requirements
EPIRB & Radar Transponder	Fitted
Rescue Boat	1no. and, 1 no. x 15 HP outboard

**Anti Pollution Equipment**

Dispersant System	Two 6m demountable spray booms fitted port and stbd. Supplied by pump and motor fitted in engine room – 61l/min.
Sewage Holding Tank	3.6m <sup>3</sup>
Dirty Oil Tank	2.4m <sup>3</sup>

Dispersant Tank 3.6m3 minimum stainless steel  
Foam Tank 4m3 minimum

**Additional Features**

Navigation Lights Mast Dual lens, 24V  
Searchlights 3 x 1000 watts

15/04/07