

LAMNALCO HERON



General

Vessel type	Azimuthing Stern Drive Tug
Year Built/ Builder	2004, Torgem Shipyard, Istanbul, Turkey
Classification	BV 1+ HULL + MACH Tug; Firefighting Ship 1; Unrestricted Navigation.

Flag	Cyprus
Call Sign	P3YK9
IMO Number	9305398
GRT/ NRT	340/ 100

Dimensions

LOA x Beam x Depth Mld.	30.5m x 9.60m x 4.38m
Design Draft	4.03m

Cargo Deck

Clear Deck Space	45m ²
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Cargo Capacities

Fuel Oil	120m ³
Fresh Water	30m ³
Fuel consumption range	6.5 t Day @ 100% MCR

Propulsion Machinery

Main Engines	Deutz TBD 620 V12 producing 1675 bhp each
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Total Power	3350 BHP
Bollard Pull	41m/t ahead, 37 m/t astern
Azimuth Thrusters	SRP 1010 CP Azimuthing Drives 2110 mm dia.
Generators	2 x Cummins, 112.5 KVA each
Full Service Speed	12.9 knots @ approx. 6 m/t per day
Economical Speed	10.0 knots @ approx. 4 m/t per day
Endurance	20 Days @ 10 knots

Deck Equipment/ Mooring System

Aft Towing/ AH Winch	Single drum 18 m / min Fast – 6.2 m / min slow 90 t brake 500m x 40mm wire rope
Fwd Towing Winch	Anchor/ Mooring winch 90 m/t brake capacity 20T line pull @ 10m/min 140m x 11” polypropylene rope
Towing Hook	45 t SWL
Fendering	Side Bow

Navigation/ Communication Equipment

GMDSS		JRC JSC 196 GM
GMDSS	VHF	Sailor RT 4822
GMDSS Inmarsat C		JRC JUE 75C
Radar(s)		Radar 1 JRC JMA 3910-A
Radio(s)	VHF	ICOM M 402
Gyro Compass		Standard 20 Compact
Magnetic Compasses		Lilley and Gillie SCH 146
Autopilot		Anschutz Pilotstar D
Portable VHF's		McMurdo
GPS Standard		JRC J Nav 500
Navtex		JRC NCR 330
Echo Sounder		JRC FF 50
Searchlight		2 x 1000W

Accommodation

Fully air conditioned	Total 12 berths
Single, Double, Four Berth	2 x 1 berth, 1 x 2 berth, 2 x 4 berth

Fire/ Lifesaving Equipment

Off Ship Fire Fighting	FiFi 1 with waterspray
No. of Monitors	2 x 1200 m3 foam / waterspray remote operation.
On Ship Safety	Complies with SOLAS Requirements
Liferafts	2 x 16 Man
Lifesaving	Complies with SOLAS Requirements
EPIRB	McMurdo Model 82 100A
Zodiac Launch device	RB 400 SOLAS 6 person Rescue boat with 15 HP outboard engine Davit Launched

Additional Features

Sewage Treatment Plant	Fitted
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30/12/04