

## LAMNALCO HORNBILL



### General

Vessel type	Azimuthing Stern Drive Tug
Year Built/ Builder	2001, Jaya Shipbuilding & Engineering Pte Ltd
Classification	BV – 1 Hull Mach – Frefighting Ship 1 Unrestricted Navigation
Flag	Cyprus
Call Sign	P3YS9
IMO Number	9214343
GRT/NRT	496/ 148
Deadweight	148 m/t

### Dimensions

LOA x Beam x Depth Mld.	34.80m x 11m x 5.60m
Design Draft	4.50m

### Cargo Deck

Clear Deck Space	120m2
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### Cargo Capacities

Fuel Oil	245m3
Fresh Water	80m3
Fuel consumption range	16 t Day @ 100% MCR

### Propulsion Machinery

Main Engines	2 x Yanmar 6N 280 – EV in line producing 2500 BHP each
Total Power	5000 BHP

Bollard Pull	61.90m/t ahead, 57.35 m/t astern
Bow Thruster	1.5 T
Azimuth Thrusters	Kawasaki KST – 220ZC/A CPP Azimuthing Drives 2550mm dia.
Generators	2 x Caterpillar 3406 DITA 240 KW each
Full Service Speed	13.5 knots @ approx. 16 m/t per day
Economical Speed	11 knots @ approx.10.5 m/t per day

**Deck Equipment/ Mooring System**

Aft Towing/ AH Winch	Double drum Waterfall 75t x 5m/min pull @ 1 <sup>st</sup> Layer 145 t brake 800m x 50mm wire rope
Fwd Towing Winch	Anchor/ Mooring winch 100 m/t brake capacity 35t line pull @ 10m/min 100m x 100mm polypropylene Line
Shore Rope Spooling	Fitted – Capacity 1500m x 52mm
Chain/ Wire Stopper	2 sets Triplex 200t SWL
Tugger Winch/ Capstan	5t x 15m/min.
Stern Roller	1.4m dia x 4.8m, 130t SWL
Fendering	Side Bow
Crane	Palfinger 1540 Kg – 5.2 metres max. outreach

**Navigation/ Communication Equipment**

GMDSS		Furuno RC 1500 – 1T25
Radar(s)		Radar 1 Furuno X Band FR 1510 MK3 Radar 2 Furuno X Band 1721 MK2
Radio(s)	VHF	2 x Furuno FM 8500
Gyro Compass		Standard 20 Compact
Magnetic Compass		Saura MR 150
Autopilot		Anschutz Pilotstar D
Weather Facsimile		FAX 207
Portable VHF's		McMurdo
GPS Plotter		Furuno GP-1560
GPS Standard		Furuno GPS 12
Navtex		Furuno NX – 500
Echo Sounder		Furuno FE-606
Searchlight		2 x 1000 W. Remote controlled

**Accommodation**

Fully air conditioned	Total 14 berths
Single, Double, Four Berth	2 x 1 berth, 4 x 2 berth, 1 x 4 berth

**Fire/ Lifesaving Equipment**

Off Ship Fire Fighting	FiFi 1 with waterspray
No. of Monitors	2 x foam/water remote
On Ship Safety	Firefighting to meet Solas requirements
Liferafts	2 x 15 men
Lifesaving	To meet SOLAS requirement
EPIRB	McMurdo Model E3A
Zodiac Launch device	DSB "SR" Workboat – Crane Launched

**Anti Pollution Equipment**

Dispersant Booms	2 x 6m Unitor Booms
Dispersant Capacity	14m3

**Additional Features**

Sewage Treatment Plant  
Water Maker

Fitted  
Fitted

30/12/04