

LAMNALCO CHOUGH



General

Vessel type	Multi purpose Support Vessel
Year Built/ Builder	Nov 2007, Bonny Fair Development Limited, Southern Shipyard
Classification	B.V Class 1 + Hull +Mach Tug Supply vessel, Firefighting1, Anchor Handling – Water Spray Unrestricted navigation
Flag	Cyprus (Limassol)
Call Sign	C4WX2
IMO /MMSI number	9435911/ 209226000
GRT/NRT	981/294
Deadweight	755T

Dimensions

LOA x Beam x Depth Mld.	48m x 12.6m x 5.75m
Design Draft	4.5m

Cargo Deck

Clear Deck Space	9m x 15m approx.
Max. Loading Rate	5T/m ²
Deck Cargo Capacity	200T

Bunker Capacities

Diesel Oil	412.02 m ³
Fresh water	278.93m ³
Diesel Oil Transfer	Flow meter fitted (70m ³ per hour @ 50m head)
Fresh Water Transfer	50m ³ /hr @50m head, meter fitted
Ballast	36m ³ (approx.)

Refrigerated Storage	Chiller 7m3, freezer 7m3
Propulsion Machinery	
Main Engines	2 x Caterpillar 3516-HD X 1920KW @1600rpm
Total Power	5149 BHP
Bollard Pull Ahead	64T ahead, 24T astern
Bow Thruster	Kawasaki KT-J5R3 CPP 440KW (590BHP) 6.5tonnes thrust
Propellers	2 x Berg Propulsion AB, Type BCP 690, CPP 4 blades, dia 2650mm, in Kort nozzles
Steering Gear	Two electro-hydraulic rotary type units fitted to Becker rudders
Rudders	3 x 415v
Generators	3 x Caterpillar C-18 438 KW each @1500rpm 1 x Caterpillar C-4.4 75.3KW emergency generator
Maximum Speed	13.5 knots
Economical speed	10 knots approx.
Deck Equipment/Mooring System	
Aft Towing / AH Winch	Plimsoll PC-AHTW/WF-75/150 upper and lower drum Upper drum fitted with tow wire 52mm x 1000m SWR @ 10 layers (6x36SW+IWR, Proof Test Load 642 kN, Breaking Load 1620 kN). Lower drum fitted with anchor handling wire 52mm x 150m (6x36SW+IWR, Proof Test Load 642 kN, Breaking Load 1620 kN). Pull Capacity: 75t x 0~7 m/min (1st speed) 32t x 0~14 m/min (2nd speed) 15t x 0~28 m/min (3rd speed) Brake Holding: 150t (static, 1st layer)75 tonnes line pull
Fwd Winch	Plimsoll PC-HATW / GDW-32-10/100 <i>Windlass</i> Chain Size 32mm dia, U2 chain Pull Capacity 8.5t x 0~10 m/min Brake Holding 26.7t (Static) <i>Winch</i> Drum Capacity 200m x dia.88mm P.P. Rope & 25m x dia.72mm Nylon Rope @ 8 layers (nylon rope NOT fitted) Brake Holding 100t (Static, 1 st layer)100
Towing pins	Plimsoll PS-200MTTA Closed Tip Angular Type, SWL 200 tonnes
Sharkjaws	Plimsoll ps-350MTSJ, SWL-350T
Tugger Winch/Capstan	2 x Plimsoll PC-HUW10UL-380STugger winch 10T@15m/min; Drum Capacity 150m x dia.25mm SWR @ 6 layers Pull Capacity 10t x 15 m/min (1 st layer) Brake Holding 15t (Static, 1 st layer)
Capstans	Fitted with 100m x dia.24mm 6 x 24 x 7FC wire with 310.3 kN specified breaking load 2 x Plimsoll PC-HVC-10/450-2 Pull Capacity : 10t x 15 M/Min
Stern Roller	150tonnes SWL approx. 4.0m length x 1.4m dia
Fendering	Main sheer fender 300 by 300. overfitted with 2m dia fenders with a bow and 1200 tyre fenders on profile
Crane	PALFINGER MARINE PSM850 S3.5 Outreach 14m, SWL 4320kg
Anchor Windlass	12.8tons/10m/min.

Navigation / Communication Equipment

GMDSS		Area 1, 2,3(worldwide compliant)
Radar(s)		1- JRC JMA-5310-6, x-band, 10 kW 2- JRC JMA-5330-12, s-band, 30 kW
Radio(s)		2 x DSC JRC JHS-32B
	VHF	1 x JRC JSB-196GM + NST-196N DSC/NBDP Modem
	SSB	3 x JRC JHS-7
Handhold Emergency GMDSS VHF		3 x ICOM IC-M2A
Handhold VHF		
Inmarsat C		JRC JUE-85
Satellite EPIRB		JRC JQE-3A
FLEET 77		JRC JUE-410F
SAR Transponder		2 sets JRC JQX-30A
Automatic Identification System AIS		JRC JHS-182
Ship Security Alert System		JUE-85

Accommodation

Fully air conditioned	Total number of berths- 23 7 x 1 berth cabin + 4 x 2 berth cabins + 2 x 4 berths 1 x office fitted with computer
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Fire/ Lifesaving Equipment

Off vessel Fire Fighting	2 x SFP 250x350HD CW Hydrakit 1443 m3/h @ 120m each
Fire Monitors	2 x FFS 1200/300LB, 1200 m3/h each, remotely controlled from wheelhouse
On Ship Safety	
Liferafts	2 x 20 men + 2 x 15men
Lifesaving	To meet SOLAS requirements
EPIRB & Radar Transponders	Fitted
FRC	1no. x 6 men JY-60KR; outboard motor MERCURY 60 HP
FRC launching davit	Zhengjiang Marine Aux. Mach. Works Type LFR-30
Rescue zone	2.80m wide and fitted in FWD end of main deck port side

Anti Pollution Equipment

Dispersant Booms	2 x 5m length
Dispersant Tank	21.652 m3
Foam Tank	21.652 m3

Additional Features

Pilot boarding platform	2 transferable
Sewage Treatment Plant	ST 2A Super Trident, 3.12 m3/day
Water Maker(s)	2 x 3 m3/day, AQUA-TECH ENGINEERING
07/04/08	