



## माझगांव डॉक शिपबिल्डर्स लिमिटेड

(भारत सरकार का उपक्रम)

**Mazagon Dock Shipbuilders Ltd.**

(Formerly Mazagon Dock Limited)

(A Govt. of India Undertaking)

CIN : U35100MH1934GOI002079

डॉकयार्ड रोड, माझगांव, मुंबई - 400 010

Dockyard Road, Mazagon, Mumbai - 400 010

Certified - ISO 9001-2015

संदर्भ क्रमांक

Ref. No.

दिनांक

Date

24 Nov 2022

To  
BSE Limited  
Phiroze Jeejeebhoy Towers  
Dalal Street,  
Mumbai- 400 001  
Scrip Code: **543237**

To  
National Stock Exchange of  
India Limited  
Exchange Plaza, C-1, Block G  
Bandra Kurla Complex  
Bandra (E), Mumbai - 400 051  
NSE Symbol: MAZDOCK

### **Sub: Intimation under Regulation 30 of SEBI (Listing Obligations and Disclosures Requirements) Regulations, 2015 –Publication.**

Dear Sir,

1. We are enclosing herewith write-up/press releases related to the following:
  - i) Dry-dock repairs of the Motor yacht 'Kalizma' at Mazagon Dock to be published in Business Line.
  - ii) Company's replies to the Defence Monitor Questionnaire.
  - iii) Informing that the Company has delivered the second Ship of Project 15B to the Indian Navy.
2. The above information is submitted in terms of Regulation 30 of SEBI (Listing Obligations and Disclosures Requirements) Regulations, 2015.

This is for your kind information.

Thanking You,

Yours Faithfully,

For MAZAGON DOCK SHIPBUILDERS LIMITED

VIJAYALAKSHMI KUMAR  
MI KAMAL  
KUMAR  
Date: 2022.11.24  
18:04:01 +05:30'

(Vijayalakshmi Kumar)  
Company Secretary

Encl: as above

फोन +91(22) 2376 2000  
Phone +91(22) 2376 3000  
+91(22) 2376 4000

फैक्स (Design) +91(22) 2373 8159  
Fax (Material) +91(22) 2373 8151  
(Finance) +91(22) 2373 8338

(Proj-C) +91(22) 2373 8147  
(East Yd.) +91(22) 2373 8333

वेबसाईट : www.mazagondock.in  
Website : www.mazagondock.in



IRQS  
A DEPARTMENT OF  
INDIAN REGISTER OF  
SHIPPING

## DRAFT WRITE UP OF 'KALIZMA' YACHT

### **DRY DOCK REPAIRS OF "MY KALIZMA" AT MAZAGON DOCK SHIPBUILDERS LIMITED (MDL)**

KALIZMA is a luxury private motor yacht with a history dates back to 1906 and has survived world wars and plagues.

She has been referred to as the "Greatest Super-yacht of Hollywood History" and in 2021 the classic yacht was ranked amongst the top 100 Superyachts in Asia-Pacific.

In mid-1960, the MY *Odysseia* (now Kalizma) made headlines when the legendary Hollywood actor *Richard Burton* acquired the yacht as a gift for his wife and actress *Elizabeth Taylor*. Kalizma is an acronym derived from the names of their three daughters – Kate, Liza and Maria.

The ingenuity and craftsmanship of Kalizma makes it the most remarkable luxury yachts from across the world. MDL had the privilege to successfully execute the Dry dock Repairs of this historical Yacht in October 2022 to the satisfaction of the Owners.

## **REPLIES OF DEFENCE MONITOR QUESTIONNAIRE**

- 1. As Project-75 is almost in the completion stages and P-75 (I) seems to be late, how the company is planning to utilize the available time?**

Ans- MDL is expecting early finalization of Additional Submarine construction orders viz. Project P75 (I) & also the order placement of scheduled Medium Refit Cum Life Certification of Submarine INS Shankush.

MDL has initiated design and development of Indigenous Conventional Submarine. Concept design studies are in progress. Towards achieving the goal, MDL is in the process of completing a prototype Midget Submarine as a proof of concept.

MDL is diversifying into following innovative products for both domestic and International market such as Expendable Underwater Target (EUT), Mobile Target Emulator (MTE), Autonomous Underwater Swarm Drones, Electric & Solar Powered Boats, Air Boat (Fan Boat), Hydrogen Fuel Cell Vessel and Lithium Ion Batteries for Submarine.

- 2. Do you have any plan to build indigenous submarine, big or small of your own technology?**

Ans- MDL has initiated design and development of Indigenous Conventional Submarine. Concept design studies are in progress. Towards achieving the goal, MDL is in the process of constructing a prototype Midget Submarine as a proof of concept.

- 3. What is the latest on modernization and upgradation of shipyard and Submarine Launch Facility at Alcock Yard?**

Ans- MDL is exploring the possibility of developing a green-field shipyard at Nhava, Navi Mumbai subject to better order visibility with a shiplift, wet basin, workshops, stores and buildings and a ship repair facility spread over an area of 37 acres with a 700-meter-long water front. This will be suitable for construction and repair of

warships and commercial ships with larger dimensions.

The Submarine Launch Facility being created at Alcock Yard will facilitate load out/launch of fully constructed Submarine in the Submarine Assembly Workshop, independent of dry dock. The fully constructed Submarines will be transported from the Workshop by Lifting Beams and SPMTs on hard stand area to Jetty for loading out in Floating Dry Dock.

#### **4. Any new project of warships building?**

Ans-

**(a)** MDL has submitted bids to Indian Navy & Indian Coast Guard for various Naval platforms worth Rs. 24,000 Cr.

MDL has also submitted proposals for Exports to various countries viz. Brazil, Peru, Argentina, Philippines, Hungary, Sierra Leone, Chile, Cameroon, etc. for construction & delivery of: -

- OPVs
- FPVs
- FICs
- Floating Docks
- Flat Bottom Shallow Boats
- FAC
- Corvettes

**(b)** MDL has submitted bids for following projects of Indian Navy and Indian Coast Guard:

- (i) Construction of 08 Fast Patrol Vessels (FPV) for Indian Coast Guard, Acceptance of Necessity (AoN) - Rs. 803.68 Cr
- (ii) Repair/ Refit of 01 MRLC-2, 01 MRLC-3, 01 MRLC-4; Estimated value - Rs. 5200 Cr
- (iii) Retro fitment of AIP on 06 P75 Submarine

**(c)** MDL, based on track record of being the only shipyard that has built Conventional Submarine & Destroyers, is a strong contender for following:

- (i) Construction of 06 nos P75(I) Conventional Submarines fitted with AIP package – Rs 43,000 Cr

(ii) Construction of 05 nos New Generation Destroyers (NGDs) – Rs. 50,000 Cr

**5. Apart from submarines and ships what are other military or civil products of MDL? Please shed some light.**

Ans- MDL has recently embarked on a diversification drive. MDL is venturing into the business of shipping container manufacturing and has ventured into manufacture of Fuel Cell and Solar Electric and Unmanned boats, Autonomous Underwater vessels and indigenous submarine.

**6. What is the latest position of your order book? Is MDL debt free?**

Ans- As on 30/09/2022:

	(Rs. In Cr)
Project	Balance
P75	4,412
P15B	18,200
P17A	19,426
MRLC	83
Others	69
	42,190

MDL is a debt free company.

**7. Export orders, foreign collaboration or planning to move in this direction? Something new to inform our readers.**

Ans- MDL has, in the past, supplied vessels to a number of countries. However, after the capacities were booked by large sized naval orders for the past more than a decade, the focus has been on servicing the Defence orders. As such, there is no significant revenue booking from overseas orders over the last couple of years. However, as the deliveries of Naval orders are progressing and the Submarine project is likely to be fully delivered over coming two years or so, MDL once again is open to non-defence & export orders and towards this the following steps have been initiated to increase its business share in global arena which are enumerated below:

- a) A road map for exports has been drawn-up, targets countries have been identified and agents have been appointed in some of the territories where export potential exist.
- b) MDL efforts are on for pursuing exports with various countries following both the G2G route wherein the Govt have opened Lines of Credit (LoC) with funding typically extended by EXIM bank as well as the B2B route with sovereign guarantee of the recipient nation.
- c) MDL has been continuously in touch with Indian Embassies/High Commissions abroad & Foreign Embassies in India to identify and explore/tap more business.
- d) MDL has revived the ship repair and refits of Naval and commercial vessels. MDL has recently provided yard facility to two foreign flagged commercial vessels from Singapore and South Korea for afloat repairs. MDL is the only Indian shipyard to build, undertake construction, refit & provide Life Cycle Support for conventional submarines. MDL is exploring opportunities for refits of submarine for foreign navies and currently discussions are going on with Asian and South American countries.

## **PRESS RELEASE**

### **SECOND CLASS DESTROYER OF P15B CLASS 'MORMUGAO' DELIVERED TO INDIAN NAVY**

Mazagon Dock Shipbuilders Limited (MDL) has delivered Second Ship of Project 15B Class Guided Missile Destroyer i.e. Yard 12705 (Mormugao) to the Indian Navy. The Acceptance Document was signed by VAdm Narayan Prasad, AVSM, NM, IN (Retd) Chairman & Managing Director, MDL and RAdm C Raghuram, VSM, CSO (Tech) at MDL in the presence of Commanding Officer (Designate) Capt Kapit Bhatia, MDL Directors and Navy personnel today.

The ship is constructed using Indigenous Steel DMR 249A and is amongst the largest Destroyers constructed in India, with an overall length of 164 meters and a displacement of over 7500 tons. The ship is a potent platform capable of undertaking a variety of tasks and missions, spanning the full spectrum of maritime warfare. It is armed with supersonic Surface-to-Surface 'Brahmos' missiles and 'Barak-8' Long Range Surface to Air Missiles. Towards undersea warfare capability the Destroyer is fitted with indigenously developed anti-submarine weapons and sensors, prominently the Hull mounted Sonar Humsa NG, Heavy weight Torpedo Tube Launchers and ASW Rocket Launchers.

Significantly more versatile than the previous classes of Destroyer and Frigates in Naval inventory, the Mormugao's all round capability against enemy submarines, surface warships, anti-ship missiles and fighter aircraft will enable it to operate independently without supporting vessels, and also to function as the flagship of a Naval task force.

The ship can accommodate a crew of 312 persons, has an endurance of 4000 Nautical Mile and can carry out a typical 42 days mission with extended mission time in out of area operation. The ship is equipped with two helicopters onboard to further extend its reach. The ship is propelled by a powerful Combined Gas and Gas Propulsion Plant (COGAG), consisting of four reversible Gas Turbines, which enables her to achieve a speed of over 30 knots (approx 55 Kmph). The Ship Boasts of a very high level of automation with sophisticated digital networks such as Gigabyte Ethernet based Ship Data Network (GESDN), Combat Management System (CMS), Automatic

Power Management System (APMS) and Integrated Platform Management System (IPMS).

The indigenous content in P15B Class Destroyers is 72% which is a notch above their predecessors P15A (59%) and P15 (42%) Class Destroyers, reaffirming the Government's focus in 'Make in India' Programme.

The first Ship of P15B (Visakhapatnam) was commissioned last year on 21 Nov 2021. The third ship (Imphal) was launched on 20 Apr 2019 and is at an advance stage of outfitting the fourth ship (Surat) was launched on 17 May 2022.

MDL has always been at the forefront of the nation's progressive indigenous warship and submarine building programme. With the construction of the Leander and Godavari class Frigates, Khukri class Corvettes, Missile Boats, Delhi and Kolkata class Destroyers, Shivalik class Stealth Frigates, the SSK submarines and four in number Scorpene submarine under its belt, the history of modern day MDL almost maps the history of indigenous warship and submarine building in India there by deservedly earning the soubriquet 'Warship and Submarine Builders to the Nation'.

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