



## माझगांव डॉक शिपबिल्डर्स लिमिटेड

(भारत सरकार का उपक्रम)

**Mazagon Dock Shipbuilders Ltd.**

(Formerly Mazagon Dock Limited)

(A Govt. of India Undertaking)

डॉकयार्ड रोड, माझगांव, मुंबई-400 010

Dockyard Road, Mazagon, Mumbai - 400 010

**Certified - ISO 9001 Company**

CIN : L35100MH1934GOI002079

संदर्भ क्रमांक :

Ref. No. :

दिनांक :

Date :

02 May 2023

<p><b>The General Manager,</b> <b>BSE Limited</b> Corporate Relationships Department, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai – 400 001</p>	<p><b>The Vice President,</b> <b>Listing Department,</b> <b>National Stock Exchange of India Limited</b> Corporate Relationships Department, Exchange Plaza, Plot No. C/1, G Block Bandra-Kurla Complex, Bandra (E) Mumbai – 400 051</p>
<b>SCRIP CODE: 543237</b>	<b>SCRIP SYMBOL/ SERIES: MAZDOCK</b>

Dear Madam/Sir(s),

### Sub: Schedule of Analyst/ Institutional Investor Meet Mazagon Dock Shipbuilders Limited (the "Company")

The Exchange is hereby informed that the Company will be participating in meeting prospective investors on 03 May 2023 through video conferencing or one to one meeting.

Please note that no unpublished price sensitive information is proposed to be shared during the meeting(s).

A copy of the investor presentation is enclosed. The same is also available on the website of the Company at [www.mazagondock.in](http://www.mazagondock.in).

*Note: The dates of the Analyst/ Institutional Investor Meet are subject to change. Changes may happen due to exigencies on the part of investors/ Company.*

The above is submitted in compliance of disclosure of material event / information under Regulation 30 and other applicable provisions of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations 2015, as amended read with corresponding circulars and notifications issued thereunder.

Thanking You,

Yours Faithfully,

For MAZAGON DOCK SHIPBUILDERS LIMITED

VIJAYALAKS

HMI KAMAL

KUMAR

Digitally signed by VIJAYALAKSHMI KAMAL  
DN: cn=HMI, o=PERSONAL, email=1102,  
pseudoym=99020a74138c427b0c5d8d4b3d,  
17555970e0e174840510900701c464d4,  
postalCode=400002, st=Maharashtra,  
serialNumber=344400505040407174640404,  
33348704040432a306040470722542050,  
cn=VIJAYALAKSHMI KAMAL, OU=MSB  
Date: 2023.05.02 17:05:58 +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.mazdock.com](http://www.mazdock.com)  
Website : [www.mazdock.com](http://www.mazdock.com)



IRQS

A DEPARTMENT OF  
INDIAN REGISTER OF  
SHIPPING



®

# माझगांव डॉक शिपबिल्डर्स लिमिटेड MAZAGON DOCK SHIPBUILDERS LIMITED



Corporate Presentation  
April 2023

# Disclaimer



THIS PRESENTATION (“PRESENTATION”) IS NOT AN OFFER TO SELL ANY SECURITIES OR A SOLICITATION TO BUY ANY SECURITIES OF MAZAGON DOCK SHIPBUILDERS LIMITED (THE “COMPANY”). The material that follows is a Presentation of general background information about the Company’s activities as at the date of the Presentation. It is information given in summary form and does not purport to be complete and it cannot be guaranteed that such information is true and accurate. This Presentation does not constitute a prospectus, offering circular or offering memorandum or an offer, or a solicitation of any offer, to purchase or sell, any shares and should not be considered as a recommendation that any investor should subscribe for or purchase any of the Company’s equity shares. This Presentation includes statements that are, or may be deemed to be, “forward-looking statements”. These forward-looking statements can be identified by the use of forward-looking terminology, including the terms “believes”, “estimates”, “anticipates”, “projects”, “expects”, “intends”, “may”, “will”, “seeks” or “should” or, in each case, their negative or other variations or comparable terminology, or by discussions of strategy, plans, aims, objectives, goals, future events or intentions. These forward-looking statements include all matters that are not historical facts. They appear in a number of places throughout this Presentation and include statements regarding the Company’s intentions, beliefs or current expectations concerning, amongst other things, its results or operations, financial condition, liquidity, prospects, growth, strategies and the industry in which the Company operates. These forward-looking statements including those cited from third party sources, contained in this presentation are based on numerous assumptions and include all matters that are not historical facts and are uncertain and subject to risks. By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future. Forward-looking statements are not guarantees of future performance including those relating to general business plans and strategy of the Company, its future outlook and growth prospects, and future developments in its businesses and its competitive and regulatory environment. The Company’s actual results of operations, financial condition and liquidity, and the development of the business sector in which the Company operates, may differ materially from those suggested by the forward-looking statements contained in this Presentation. In addition, even if the Company’s results of operations, financial condition and liquidity, and the development of the industry in which the Company operates, are consistent with the forward-looking statements contained in this Presentation, those results or developments may not be indicative of results or developments in subsequent periods. The information contained in these materials has not been independently verified. None of the Company, its Directors, Promoter or affiliates, nor any of its or their respective employees, advisers or representatives or any other person accepts any responsibility or liability whatsoever, whether arising in tort, contract or otherwise, for any errors, omissions or inaccuracies in such information or opinions or for any loss, cost or damage suffered or incurred howsoever arising, directly or indirectly, from any use of this presentation or its contents or otherwise in connection with this presentation, and makes no representation or warranty, express or implied, for the contents of this presentation including its accuracy, fairness, completeness or verification or for any other statement made or purported to be made by any of them, or on behalf of them, and nothing in this presentation or at this presentation shall be relied upon as a promise or representation in this respect, whether as to the past or the future. Past performance is not a guide for future performance. The information contained in this presentation is current, and if not stated otherwise, made as of the date of this presentation. The Company undertake no obligation to update or revise any information in this presentation as a result of new information, future events or otherwise. Any person/ party intending to provide finance/ invest in the shares/ businesses of the Company shall do so after seeking their own professional advice and after carrying out their own due diligence procedure to ensure that they are making an informed decision. This document is a Presentation and is not intended to be a “prospectus” or “offer document” (as defined or referred to, as the case may be, under the Companies Act, 2013). This presentation is strictly confidential and may not be copied or disseminated, in whole or in part, and in any manner or for any purpose. No person is authorized to give any information or to make any representation not contained in or inconsistent with this presentation and if given or made, such information or representation must not be relied upon as having been authorized by any person. Failure to comply with this restriction may constitute a violation of the applicable securities laws. This presentation is not intended for distribution or publication in the United States. Neither this document nor any part or copy of it may be distributed, directly or indirectly, in the United States. The distribution of this document in certain jurisdictions may be restricted by law and persons in to whose possession this presentation comes should inform themselves about and observe any such restrictions. By reviewing this presentation, you agree to be bound by the foregoing limitations. You further represent and agree that (i) you are located outside the United States and you are permitted under the laws of your jurisdiction to receive this presentation or (ii) you are located in the United States and are a “qualified institutional buyer” (as defined in Rule 144A under the Securities Act of 1933, as amended (the “Securities Act”). This presentation is not an offer to sell or a solicitation of any offer to buy the securities of the Company in the United States or in any other jurisdiction where such offer or sale would be unlawful. Securities may not be offered, sold, resold, pledged, delivered, distributed or transferred, directly or indirectly, in to or within the United States absent registration under the Securities Act, except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act and in compliance with any applicable securities laws of any state or other jurisdiction of the United States. The Company’s securities have not been and will not be registered under the Securities Act. This document has not been and will not be reviewed or approved by a regulatory authority in India or by any stock exchange in India. This document and its contents should not be forwarded or delivered or transmitted in any manner to any person other than its intended recipient, and should not be reproduced in any manner whatsoever. The distribution of this Presentation in certain jurisdictions may be restricted by law and persons in to whose possession this Presentation comes should inform themselves about and observe any such restrictions. By reviewing this Presentation, you agree to be bound by the foregoing limitations.

# Presentation Structure



**Company Overview**

**World Class Infrastructure & Strategic Location**

**Products & Services/R & D / AI / Indigenisation**

**Strategy & Government Push**

**Order Book / Financials / Future Outlook**

**Management /Manpower / Awards & Recognition**

# Company Overview



# Brief Company Overview



✓ Mazagon Dock was first constructed in 1774 as a small dry dock, Incorporated as a Private Limited Company in 1934. Taken over by the Govt. of India in 1960. Listed at BSE and NSE in Oct 2020

✓ **Only Indian Shipyard capable of building Destroyers and Conventional Submarines**

✓ **Built 801 vessels including 27 warships from Missile Boats to Guided Missile Destroyers and 7 Submarines since 1960**

✓ Commissioned 1<sup>st</sup> Warship in 1972 & 1<sup>st</sup> Submarine in 1992 for Indian Navy. **Completed journey of 50 years in Warship building & 30 years in Submarine building.**

✓ Conferred 'Mini-Ratna – I' status in 2006 by the Department of Public Enterprises

✓ **Delivered 5 & executing order for 1 Scorpene Submarine** through collaboration with Naval Group, France and 1 **Medium Refit and Life Certification** of a submarine for the Indian Navy.

✓ Strategically located shipyard on West Coast of India

## Key Customers



Indian Navy



Indian Coast Guard

## Major warships built & delivered

Type	Nos.
Destroyers	8
Frigates	12
Corvettes	3
Missile boats	4
Offshore Patrol Vessels	7
Submarines	7

# The Journey So Far



## 2021 and 2022

- Delivery of 3<sup>rd</sup> & 4<sup>th</sup> Scorpene Submarines (**INS Karanj & INS Vela**) and 1<sup>st</sup> P15B missile destroyer (**INS Visakhapatnam**) in 2021
- Historical Double Launch of a Missile Destroyer “**Surat**” and a Stealth Frigate “**Udaygiri**” on 17 May 2022.
- Launching of 6<sup>th</sup> Submarine “**Vaghsheer**” on 20 Apr 2022 & launching of 3<sup>rd</sup> Stealth Frigate “**Taragiri**” on 11 Sep 2022
- **Delivery of 2<sup>nd</sup> P15B missile destroyer, “INS Mormugao” on 24 Nov 2022 & 5<sup>th</sup> Scorpene submarine “INS Vagir” on 20 Dec 2022**
- **Accredited with ISO 14001:2015 & ISO 45001:2018 (HSEMS) on 28 Jul 2022 and ISO/IEC 27001:2013 on 19 Oct 2022.**

## 2019 and 2020

- Delivery of 2<sup>nd</sup> Scorpene class submarine, **INS Khanderi** in 2019
- Listing of MDL in BSE & NSE in 2020

## 2016 and 2017

- Inauguration of new submarine section assembly workshop at Alcock yard
- Delivery of 1<sup>st</sup> Scorpene class submarine, **INS Kalvari** in 2017

## 2015

Signed contract for construction and delivery of 4 frigates of Project 17A with the MoD

## 2014

Inauguration of the Mazdok Modernization Project

## 2009

Implementation of Enterprise Resource Planning and Systems Applications and Products

## 2006

Awarded Mini Ratna Category – I status

## 2000

Upgraded to Schedule ‘A’ status from Schedule ‘B’

## 1998

Accredited with ISO certification for shipbuilding

## 1997

Commissioned 1<sup>st</sup> Destroyer, **INS Delhi**

## 1992

Commissioned 1<sup>st</sup> Indian built submarine, **INS Shalki**

## 1984

Inauguration of undertaking submarine construction

## 1972

Delivered the 1<sup>st</sup> frigate, **INS Nilgiri**

## 1960

Acquired by the Gol

## 1934

Incorporated as a private company

# Only Public Sector Defence Shipyard Constructing Destroyers & Conventional Submarines



1

India's only shipyard building **Destroyers** and **Conventional Submarines** for the Indian Navy

2

Some of the warships built and delivered are –

8 Destroyers;  
12 Frigates;  
3 Corvettes;  
4 Missile Boats

7 Submarines

3

Construction of Scorpene submarine under a **Technology Transfer** agreement with the **Naval Group, France**

4

**Also delivered for various customers in India and abroad –**

- Cargo ships and passenger ships
- Supply and multi-purpose support vessels
- Water tankers, tugs, dredgers
- Fishing trawlers, barges and border outposts

Recently delivered

## Warships



INS Mormugao  
(24 Nov 22)



INS Visakhapatnam  
(28 Oct 21)

## Submarines



INS Vagir (20 Dec 22)



INS Vela (09 Nov 21)



INS Karanj (15 Feb 21)



INS Khanderi (19 Sep 19)



INS Kalvari (21 Sep 17)

*Built a total of 801 vessels including 27 warships and 7 submarines since 1960*

# World Class Infrastructure & Strategic Location



# World-Class Infrastructure



## Ship-building facility comprises of:

- 3 dry docks
  - 2 wet basins
  - 3 slipways
  - Production shops
  - Assembly shops
  - Electrical shop
  - 300 tonne goliath crane
  - Shore integration facility
- Module shop with painting chamber for Integrated construction
  - Sheet metal shop
  - Pipe shop
  - Machine and fitting shop
  - Instrumentation shop

## 300 tonne Goliath crane spanning 138 meter



## Submarine division infrastructure includes:

- Shops for fabrication of frame
- Sub-section assembly and section formation shops
- Cradle assembly shop for equipment outfitting
- 1 dry dock
- Shore integration facility



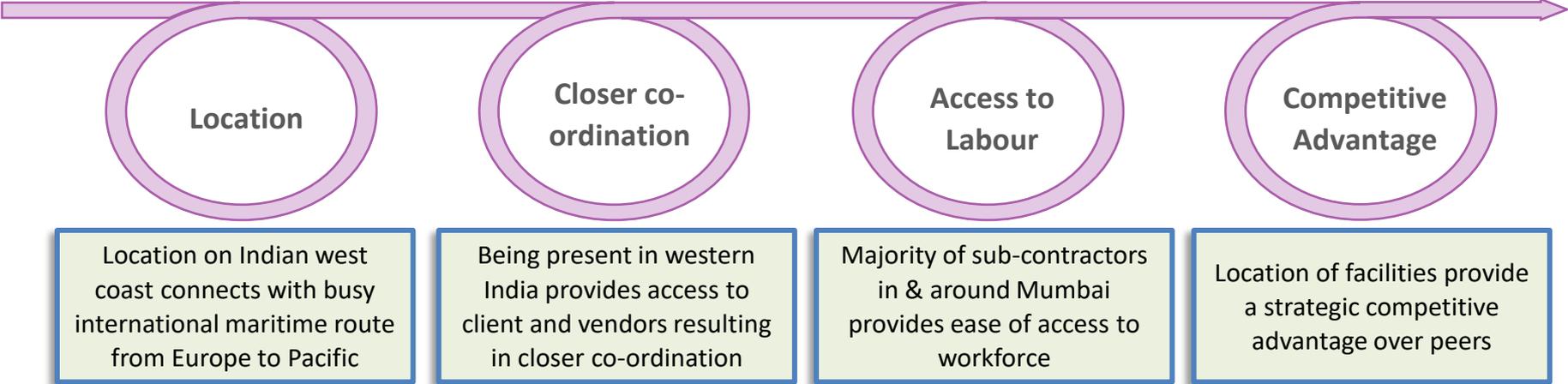
Both  
Shipbuilding and  
submarine &  
heavy  
engineering  
divisions are ISO  
9001:2015  
certified

**Capacity to build 10 Warships and 11 conventional Submarines simultaneously**

# Location Provides Strategic Advantage



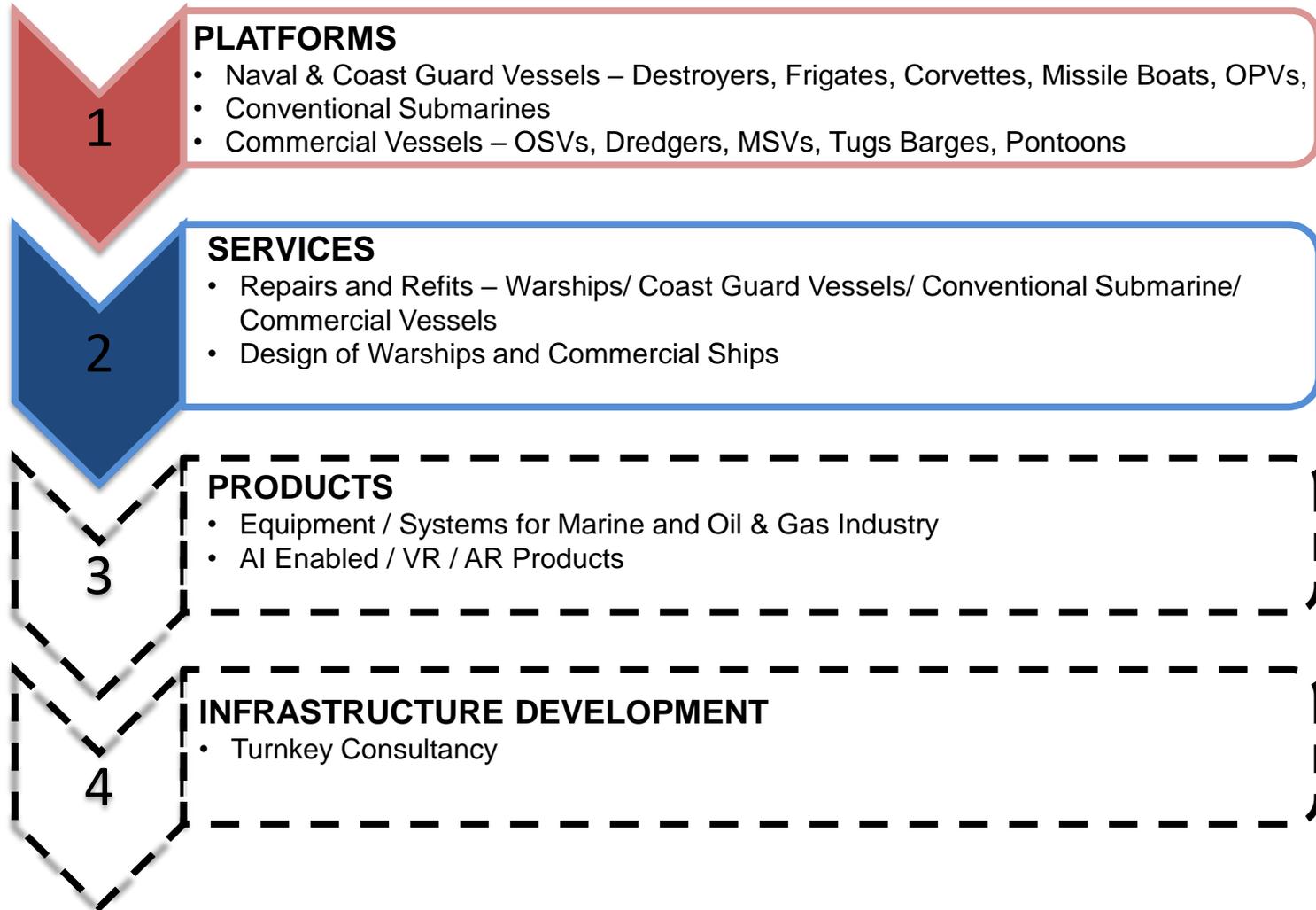
## Strategic Advantages:



*Strategically located at busy international maritime route provides significant advantage*

# Product & Services / R & D / AI / Indigenisation





# R&D/AI/ Indigenization – Shipbuilding (Proven)



MDL diversifying into various innovative products for both domestic and International market apart from main weapon platforms.

## 1. AI based Remote Operated Vehicle



R&D initiatives in association with Academia and start-up - developed for underwater inspections of marine/civil infrastructure with advanced capabilities for feature recognition.

## 2. AI enabled weld inspection tool with Computerized Radiography



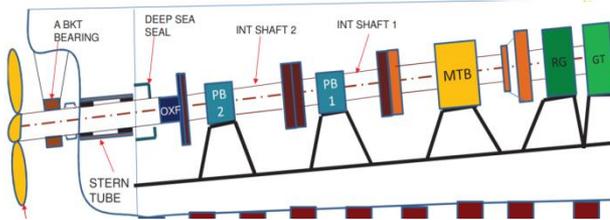
R&D initiatives in association with Academia and start-up - developed as the replacement of film X-ray technique that is used currently in conventional radiography for weld inspection

## 3. AI enabled weld inspection tool with Advanced Phase Array and Ultrasound



R&D initiatives in association with Academia and start-up - developed as the replacement of film X-ray technique that is used currently in conventional method

## 4. Innovative procedure for final alignment of shafting for warships



Final alignment of shaft line under standard loading conditions done in dry-dock instead of doing it in afloat condition (conventional practice)

## 5. Minimization of the effect of launch induced deflections on Ship hull



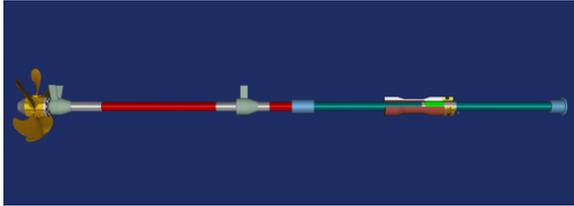
Minimization of launch induced deflection by installation of technical shaft to simulate the solid reference axis (Pre-alignment condition) for facilitating completion of structural shafting job on slipway before launching.

## 6. Augmented Reality (AR) based Fast track Ship construction



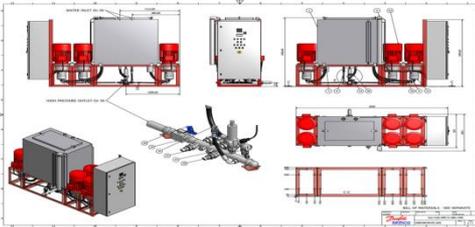
Providing 3D CAD model pulled from Design on hand held devices like iPads and 3D Goggles (HoloLens) superimposing on compartments physical structural boundaries resulting in reducing re-work and reduction of valuable project completion time and cost.

## 1. Indigenised Controllable propeller and shafting system



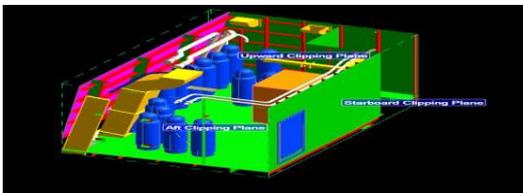
Indigenization program initiated on behest of MoD with 70% funding by the shipyard to industry partner to reduce imports as part of Atmanirbhar Bharat

## 2. Indigenized High pressure water mist system for Engine room fire fighting



Indigenization program initiated on behest of MoD with 70% funding by the shipyard to industry partner to reduce imports as part of Atmanirbhar Bharat

## 3. Indigenised Helo firefighting system for Hangar



Indigenization program initiated on behest of MoD with 70% funding by the shipyard to industry partner to reduce imports as part of Atmanirbhar Bharat

MDL diversifying into various innovative R & D products for both domestic and International market apart from main weapon platforms.

## 1. Midget Submarine



MDL's flagship R&D program with the ultimate goal of designing India's first truly Indigenous Conventional Submarine. The prototype is scheduled to be commissioned by Dec 2024

## 2. Fuel Cell Electric Vessel



Country's maiden fuel cell technology vessel with zero CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub> emission and cost effective sustainable green energy solution for inland waterways application. Proof of concept is already completed, 24 pax vessel is under development.

## 3. Lithium Ion Battery



Indigenous development of Lithium Ion Battery for Submarines. Battery module with 50 Ah Cell successfully developed along with Battery Monitoring System. Prototype of 100 KWH capacity is under development.

4. Autonomous Underwater Vehicle (AUV): MDL developing variety of underwater platforms with use of modern technology and artificial intelligence.



a) Swarm Drones: The swarm of AUVs will help in locating mines and neutralizing it after getting confirmation from mother ship.



b) Mobile Target Emulator (MTE): Attracts the torpedoes away from the counter maneuvering Submarine (target) by emulating the acoustic and dynamic behavior of a target submarine.



c) Expendable Underwater Target (EUT): To train the crew of *IN* ships, Submarine, aircraft in detecting, tracking & attacking an underwater target.

## 5. Autonomous Tug Vessel



R&D for Autonomous operation of Marine Tug Vessel:  
Upgradation of Tug vessel to autonomous navigation capability with full surface autonomy in compliant with IMO Level 4

# Increase in Indigenization of Warships & Submarines



Set up a dedicated “Make in India” Department for Indigenization

Successfully indigenised equipment such as:

- ✓ **Sonar Dome** for Ships through Kineco, Goa
- ✓ Ship Installed **Chemical Agent Detection System** through L&T Bengaluru/DRDE Gwalior
- ✓ **Magazine Fire Fighting System** for Ships by MDL Mumbai/BEL Kotdwar through CFEES (DRDO), Delhi
- ✓ **Main batteries** for Submarines through Exide India, Mumbai
- ✓ **Battery loading trolley** for Submarine through SEC, Hyderabad
- ✓ **Sacrificial Zinc anode Flanges** for Submarine through Sargam Metals, Chennai
- ✓ **GRP panels** for Submarine through Kineco, Goa
- ✓ **Air Conditioning** through Shree Refrigeration

Large number of equipment indigenised in order to give an impetus to the Gol's “Make in India” campaign

Indigenous content in warships & Submarine increasing over the years has led to a reduction in construction cost

Indigenization has reduced reliance on 3<sup>rd</sup> party component manufacturers

Dependence on imports has reduced

Cost saving, quality improvement & efficient after sales support services due to indigenization

*Indigenous content in warships & Submarines built has increased in the past 5 years*

## Strategy & Government Push



## Diversification of Revenue Stream

### 1 Export of products to the international market

- ✓ Reviving exports to Latin America, Africa, South East Asia, Middle East and Scandinavian regions, entering into agency agreements with sales agents in order to procure customers
- ✓ To identify potential domestic & international markets
- ✓ Increase presence globally by establishing an international marketing team
- ✓ Forging strategic partnerships to enable us to market at offshore locations

### 2 Focus in Ship repair business

- ✓ Increased impetus on ship repair activities to increase client base, generate more revenues and reduce dependency on MoD

### 3 Augmentation of infrastructure and enhancing manufacturing capacity

- ✓ MDL owns an area of 37 acres located at 10 nautical miles across the channel at Nhava, Navi Mumbai. The area can be developed as a greenfield shipyard with a Shiplift, Wet basin, Workshops, Stores & Buildings and a Ship Repair Facility.
- ✓ Submarine Launch facility and Blasting Painting chamber
- ✓ Dredging of the water front to deepen the navigational channel

- Indian Navy announced an indigenization plan of up to 2030, in July 2015
- Industry to play a vital role in parts to meet the sophisticated needs of the armed forces
- Lists out the equipment which can be taken up for indigenization in the coming years
- Encouraging all sectors of the industry to come forward and participate in indigenous development of weapons, sensors and other high-end equipment for the Indian Navy



- Inland waterways traffic to shoot up 15x over the next 20 years\*
  - Capacity augmentation to result in 5x rise in traffic capacity, from the existing 350 million tonnes\*
  - To bring in additional ship repair business
- \* source RHP

- To be granted to both state owned & private shipbuilders on each ship built
- Assistance only after construction & delivery of ship to the buyer
- Policy has been approved by the cabinet

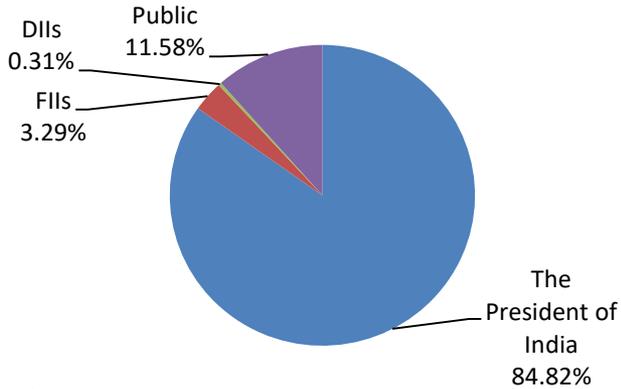
# Order Book / Financials / Future Outlook



# Stock Overview



## Shareholding Pattern



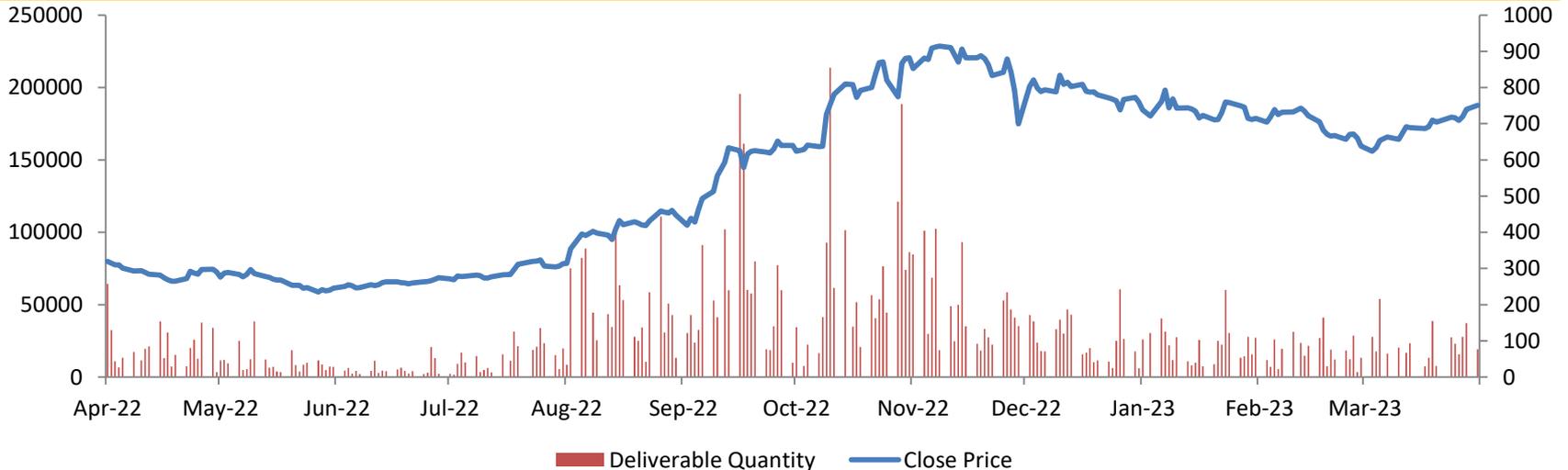
As on 31<sup>th</sup> March, 2023

## Stock Overview

<b>CMP (in Rs)</b>	<b>750.80</b>
52 Week High (in Rs)	936.85
52 Week Low (in Rs)	229.65
Market Capital (in Rs. Mn)	1,51,428.90
Free Float Mcap (in Rs. Mn)	22,714.30

As on 24<sup>th</sup> April, 2023

## One Year Price and Quantity Change



# Strong Order Book



Particulars	Project Value (INR mn)	Nos. (Contracted)	Client	Value (INR mn)	Nos. (pending to be delivered)
<b>Shipbuilding</b>					
P15B Destroyers	3,20,801	4	MoD	1,70,756	2
P17A Stealth Frigates	2,42,547	4	MoD	1,90,734	4
Others	842			842	
<b>Submarine and heavy engineering</b>					
P75 Scorpene Submarines	2,82,553	6	MoD	43,086	1
Medium Refit and Life Certification (MRLC) of a submarine	11,686	1	MoD	500	1
<b>Total Order Book as on December 31, 2022</b>				<b>4,05,918</b>	

## Shipbuilding



## Submarine & Heavy Engineering

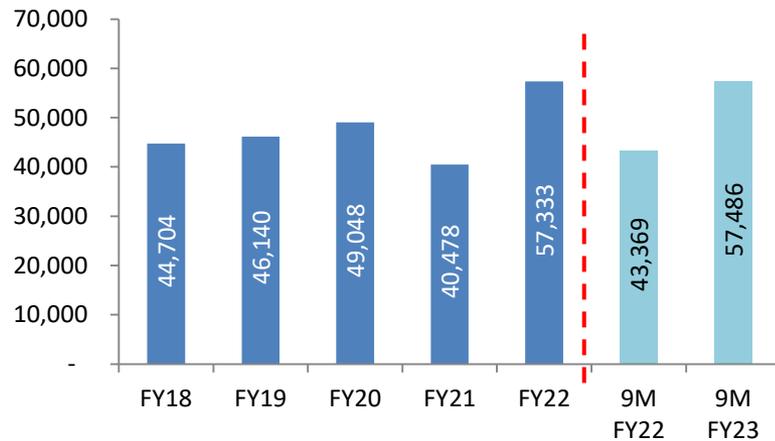


*Healthy Order Book provides Execution Stability and consistent Cash availability*

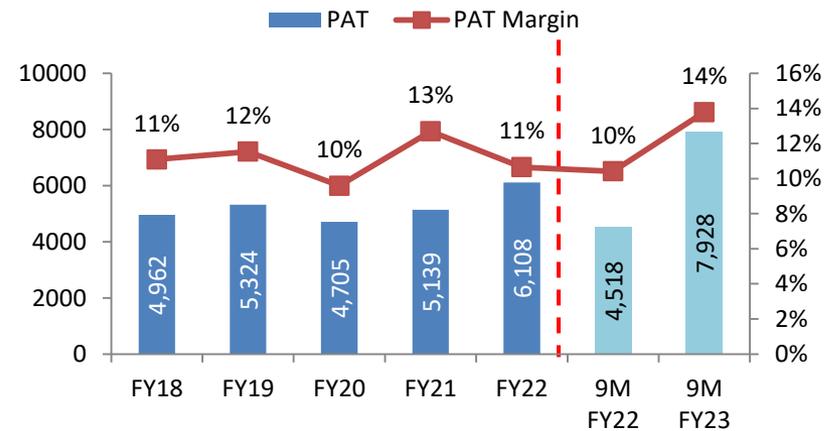
# Financial Overview



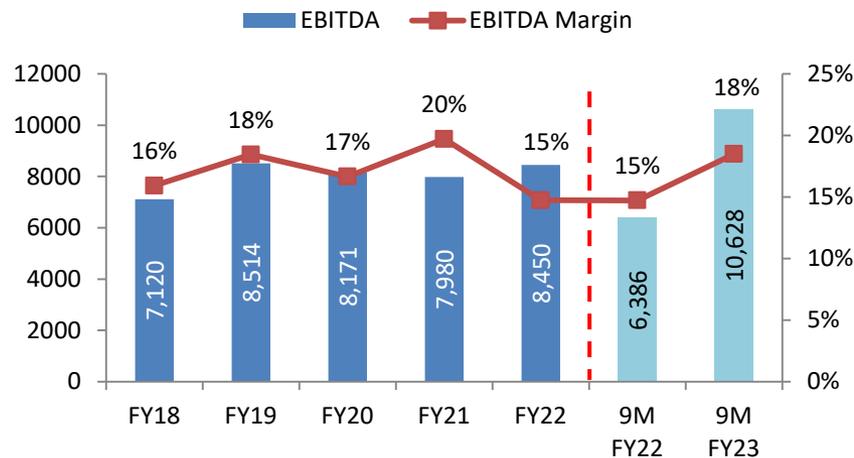
## Revenue from Operations (INR Mn)



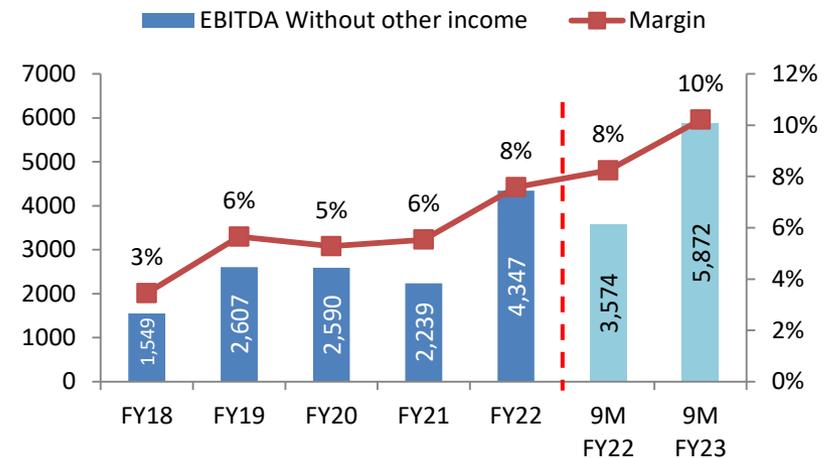
## PAT (INR Mn) / PAT Margin



## EBITDA (INR Mn) / EBITDA Margin



## EBITDA (INR Mn) / EBITDA Margin (Without Other Income)

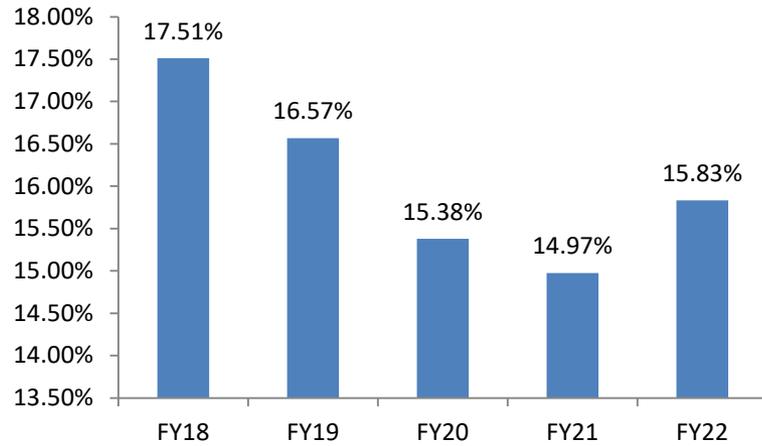


Source: Audited Consolidated Financial Statements and Unaudited financials for 9 month period.

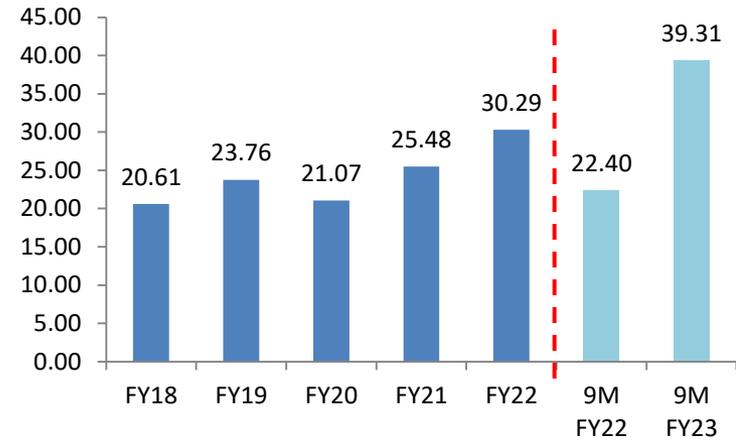
# Financial Overview



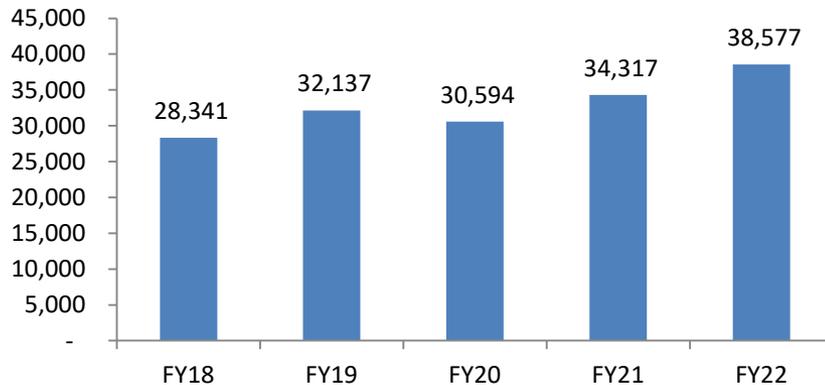
## Return on Equity (%)



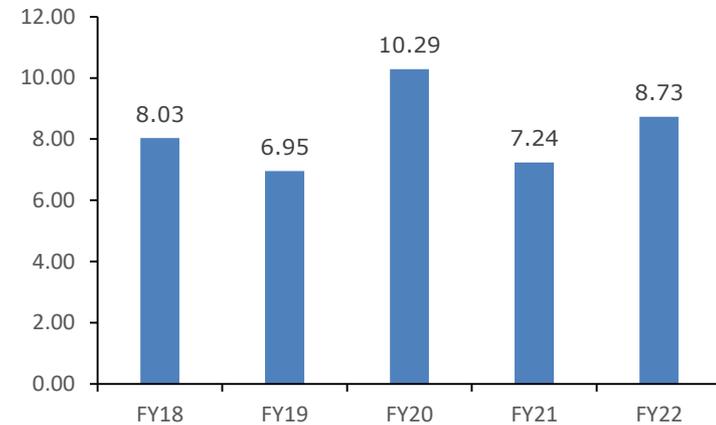
## Earning Per Share (in Rs)



## Net Worth (INR Mn)



## Dividend Per Share on declared basis (In. Rs.)



Source: Audited Consolidated Financial Statements and Unaudited financials for 9 month period.

# Financial Overview



## Restated Consolidated Profit & Loss Account

INR Mn	31-Mar-18	31-Mar-19	31-Mar-20	31-Mar-21	31-Mar-22	9M FY22	9M FY23
<b>REVENUE</b>							
Contract & other operating revenue	44,704	46,140	49,048	40,478	57,333	43,369	57,486
Other income	5,572	5,907	5,582	5,741	4,103	2,813	4,756
<b>Total revenue</b>	<b>50,276</b>	<b>52,047</b>	<b>54,630</b>	<b>46,219</b>	<b>61,436</b>	<b>46,181</b>	<b>62,242</b>
<b>EXPENSES</b>							
Cost of materials consumed	26,929	25,571	24,525	18,819	26,931	22,815	30,690
Procurement of base and depot spares	917	6,081	3,622	5,783	9,137	4,768	6,016
Employee benefits expense	8,857	6,895	7,805	6,528	7,987	5,975	5,835
Finance costs	91	91	93	84	72	57	44
Depreciation and amortization expense	525	643	688	597	745	516	552
Other expenses <sup>1</sup>	6,453	4,986	10,506	7,109	8,931	6,237	9,074
<b>Total expenses</b>	<b>43,772</b>	<b>44,267</b>	<b>47,239</b>	<b>38,920</b>	<b>53,803</b>	<b>40,368</b>	<b>52,210</b>
<b>Profit before tax</b>	<b>6,504</b>	<b>7,780</b>	<b>7,391</b>	<b>7299</b>	<b>7633</b>	<b>5,813</b>	<b>10,032</b>
<b>Net profit for the year</b>	<b>4,962</b>	<b>5,324</b>	<b>4,705</b>	<b>5,139</b>	<b>6,108</b>	<b>4,518</b>	<b>7,928</b>

## Restated Consolidated Balance Sheet

INR Mn	As at 31-Mar-18	As at 31-Mar-19	As at 31-Mar-20	As at 31-Mar-21	As at 31-Mar-22
<b>EQUITY AND LIABILITIES</b>					
Shareholders' funds	28,341	32,137	30,594	34,317	38,577
Long-term provisions	12,064	11,977	12,151	7,302	5,647
Other Non-current liabilities	2,129	1,952	2,064	1,872	1,639
Total Current liabilities	151,170	162,314	164,600	207,894	251,839
<b>Total</b>	<b>193,704</b>	<b>208,380</b>	<b>209,409</b>	<b>251,385</b>	<b>297,702</b>
<b>ASSETS</b>					
Non-current assets	7,907	8,871	9,163	8,870	10,516
Other Long-term assets	15,359	18,721	19,526	21,673	21,892
Inventories	37,860	37,903	46,227	58,886	77,001
Trade receivables	11,134	14,729	14,328	9,659	10,054
Other current assets	121,444	128,156	120,165	152,297	178,239
<b>Total</b>	<b>193,704</b>	<b>208,380</b>	<b>209,409</b>	<b>251,385</b>	<b>297,702</b>

Source: Audited Consolidated Financial Statements and Unaudited financials for 9 month period

Note: 1. Other Expenses include Sub-contract, Power & Fuel, provisions and others

# Prospective Orders and Bids



- MDL is a strong contender for all major future projects of Indian Navy, Indian Coast Guard and Overseas Clients
- Some of the identified major Business Opportunities where MDL is a strong contender are detailed below,

Project	Nos.	Client	Approx Value (INR Mn)
Next Generation Destroyers	5	MoD/IN	5,00,000*
Project P75(I) conventional Submarine	6	MoD/IN	4,30,000**
Medium Refit cum Life Certification of INS Shankush Submarine	1	MoD/IN	20,000

*\*Estimate value given by Navy at different forums*

*\*\*Acceptance of Necessity (AON) value from Navy*



**Next Generation Destroyers**



**Project P75(I) Conventional Submarine**



**MRLC of INS Shankush Submarine**

*Graphics are indicative only*

# Management / Manpower / Awards & Recognition



# Leadership & Senior Management Team



**Shri. Sanjeev Singh**  
**Director (Finance) & CFO with Addl. Charge of Chairman & Managing Director**

BCom (Honors) (University of Delhi)  
 Cost accountant from the Inst. of Cost Accountants of India

- Over 35 years of experience in finance and accounting
- Previously, he was associated with Mishra Dhatu Nigam Limited as a Director (Finance) and with SAIL in the Finance & Accounts department



**Shri. Jasbir Singh**  
**Director, Submarine & Heavy Engineering**

BSc. from JNU<sup>1</sup> (National Defence Academy, Pune)  
 BTech (Mechanical), Jawaharlal Nehru University, Delhi  
 M.Tech. (Modelling & Simulation), Univ. of Pune  
 MBA from Faculty of Management Studies, New Delhi

- Completed course in modeling & simulation (Inst. of Armament Tech., Pune) and basic engineering course in INS Shivaji (Naval College of Engg)
- Total 35 years service with 22.5 years in Navy and 12.5 years in MDL
- Served in the Indian Navy and has held several assignments such as INS Mumbai and INS Kuthar and Engineer Officer on various appointments in warship overseeing team, Directorate of Naval Design, Directorate of Ship Production and Naval Dockyard, Vishakhapatnam. Various appointment at MDL including project Superintendent of Scorpene Project.
- Received commendations from the flag officer commander in chief, Eastern Naval Command and Western Naval Command



**Shri. Biju George**  
**Director, Shipbuilding**

Post Graduate Degree in Ocean Engineering and Naval Architecture from the Indian Institute of Technology Kharagpur.

- Over three decades of experience in MDL where two decades were with the design of frontline warships viz. Missile Destroyers and Frigates
- Served as Project Superintendent of the prestigious P17A Frigates Program for the Indian Navy
- Headed the shipbuilding design department of MDL

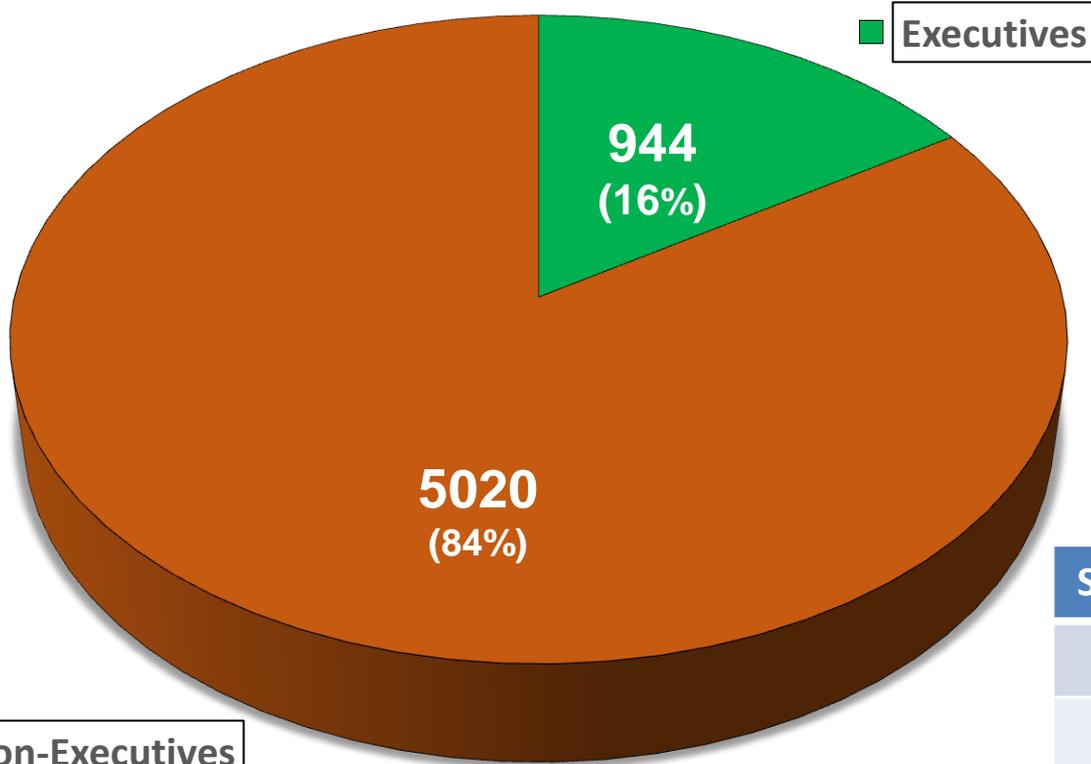


**Shri. Vasudev Puranik**  
**Director, Corporate Planning & Personnel**

BTech (Mechanical), JNU<sup>1</sup>, Delhi  
 Masters in Engineering from Pune University

- Served in the Indian Navy for over 22 years and has held several assignments afloat and onboard INS Rana, INS Nishank, INS Mysore and various appointments in DND, GT Overhaul Centre, Vishakhapatnam, DSP and Naval Dockyard, Mumbai.
- Received commendations from the flag officer commanding officer in chief, Western Naval Command.
- Served as Project Superintendent of the prestigious P-75 scorpene submarine project at MDL.

*Note: 1 – JNU: Jawaharlal Nehru University*



**Total: 5964** (as on 31 Jan '23)

Sr No	Description	Nos
1	Total Engineers at MDL	773
2	Engineers from IITs	53
3	Engineers from NITs	38
4	Engineers of Ocean Engg Discipline	46
5	Engineers with Marine Engg expertise	17

# Awards & Recognitions



Year	Particulars
2022	<ul style="list-style-type: none"><li>• Accredited with ISO 14001:2015 and OHSAS 45001:2018 (HSEMS) on 28 Jul 2022 for Integrated Management System for Shipbuilding, Submarine &amp; Heavy Engineering, Corporate Planning &amp; Personnel and Finance divisions</li><li>• Accredited with ISO/IEC 27001:2013 on 19 Oct 2022 for Information Security Management System.</li><li>• MDL got felicitation for CSR Project by Hon'ble Governor of Maharashtra on 17 Sep 2022 for adopting Nandurbar District under Pradhan Mantri TB Mukta Bharat Abhiyan</li><li>• MDL's HR won the ICC 11<sup>th</sup> PSE Excellence Award in Human Resource on 25.02.2022.</li><li>• MDL won the HR Leadership Award during 8<sup>th</sup> PSU Awards by Governance Now, presented by Dr. Kiran Bedi on 29.07.2021.</li></ul>
2021	<ul style="list-style-type: none"><li>• The National Awards for Excellence in Corporate Social Responsibility (CSR) under the category "Best Relief Package Announced for COVID-19" was conferred to MDL by World HRD Congress, Mumbai.</li></ul>



**MDL won the HR Leadership Award during 8<sup>th</sup> PSU Awards by Governance Now, presented by Dr. Kiran Bedi on 29.07.2021**



**MDL got felicitation for CSR Project by Hon'ble Governor of Maharashtra on 17 Sep 2022 for adopting Nandurbar District under Pradhan Mantri TB Mukta Bharat Abhiyan**

# Awards & Recognitions



**MDL's HR won the ICC 11<sup>th</sup> PSE Excellence Award in Human Resource on 25.02.2022**

**Thank You**

