



एक कदम स्वच्छता की ओर

## 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

01 July 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. Mazagon Dock Shipbuilders Limited, Mumbai has successfully launched a Fuel Cell Electric Vessel(FCEV) prototype being the First Indigenous Hydrogen Powered Electric Boat on 01 July 2022.
2. Press release in this connection is attached.

This is for your kind information.

Thanking You,

Yours Faithfully,

For MAZAGON DOCK SHIPBUILDERS LIMITED

(Vijayalakshmi Kumar)  
Company Secretary



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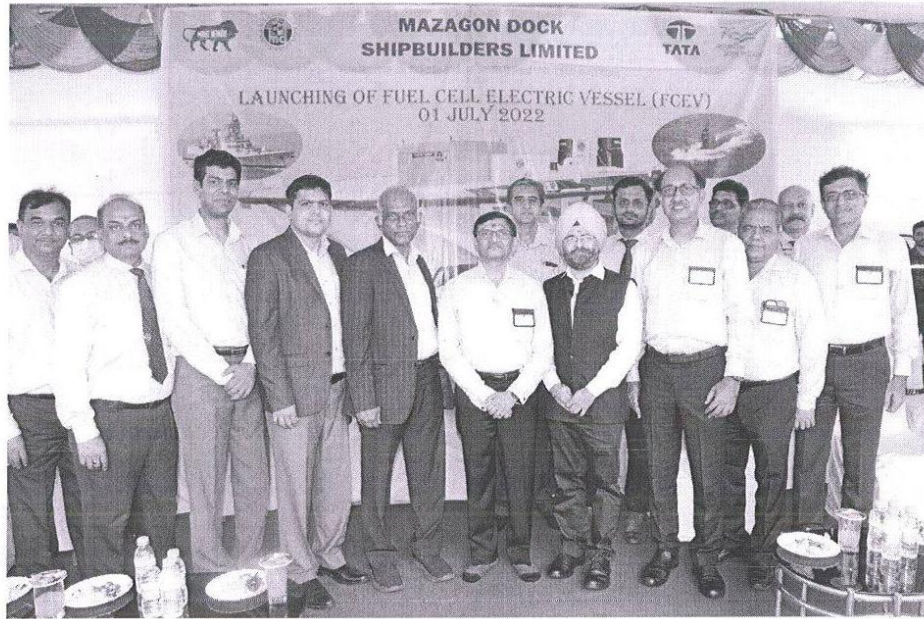
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### **Launching of Fuel Cell Electric Vessel, FCEV MDL on 01 July'22**

VAdm Narayan Prasad (IN Retd.), Chairman and Managing Director, Mazagon Dock Shipbuilders Limited (MDL) successfully launched Fuel Cell Electric Vessel prototype, FCEV MDL on 01 July 2022. The function was attended by Cdr Jasbir Singh (IN Retd.), Director (Submarine and Heavy Engineering), Shri Sanjeev Singhal, Director (Finance), Shri Biju George, Director (Shipbuilding) and Cdr Vasudev Puranik (IN Retd.), Director (Corporate Planning and Personnel) along with the senior executives from Tata Advanced Systems Ltd. and MDL.



FCEV MDL is the very first hydrogen boat prototype which has been conceptualized and developed by Mazagon Dock Shipbuilders Ltd. with Tata Advanced Systems Ltd & Vijai Marine Services Pvt Ltd as technology partners. It is a 6 Passenger boat, fitted with a 6 KW Electric OBM, a 10.2 KWH Battery, Fuel Cell System and can run for 22 Hours with compressed Hydrogen filled in PESO approved Cylinders. The FCEV uses a green hydrogen fuel cell system having zero toxic emission, very few moving parts with a very low heat and acoustic signature.

MDL has taken up the challenge of developing Fuel Cell based Electric Vessels in order to demonstrate that a pioneering spirit combined with innovation can pave the way towards a new energy revolution and so reduce our impact on the planet.