



**BHARAT DYNAMICS LIMITED**

(A Govt. of India Enterprise, Ministry of Defence)

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Ref: BDL/CS/2020/SE-53

Date: 21/11/2020

To, The Manager Compliance Department The National Stock Exchange of India Ltd Exchange Plaza, Bandra-Kurla Complex, Bandra (East) Mumbai- 400051	To, The Manager Compliance Department BSE Limited Phiroze Jeejeebhoy Tower, Dalai Street, Mumbai- 400001
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Scrip Code / Symbol : 541143/ BDL

Dear Sir / Madam,

Subject: Media Release-Reg.

- 1) Pursuant to Regulation 30 of SEBI (LODR), Regulations, 2015, we are enclosing herewith a copy of media release titled "Delivery of first Varunastra Flagged off, Visakhapatnam Unit" being issued to the media.
- 2) This is for your information and records please.

Thanking you,

Yours faithfully  
For Bharat Dynamics Limited

N.Nagaraja  
Company Secretary



**BHARAT DYNAMICS LIMITED**  
**(A Govt. of India Enterprise under Ministry of Defence)**  
**Corporate Office, Gachibowli – Hyderabad – 500 032**

**MEDIA RELEASE**

**BDL/104/BD-CC/06**

**21 Nov 2020**

**Delivery of first Varunastra Flagged off**

Dr G. Satheesh Reddy, Secretary, Department of Defence R&D and Chairman, DRDO flagged off the first Varunastra, the Heavy Weight Torpedo, being delivered to the Indian Navy, at a ceremony held at BDL, Visakhapatnam Unit today.

Foundation stone was also laid by Secretary, Department of Defence R&D and Chairman, DRDO for setting up of state-of-the-art Central Stores at BDL, Visakhapatnam Unit.

Vice Admiral K. Srinivas, AVSM, NM, VSM Project Director, Ship Building Centre, Dr. Samir V. Kamat, Distinguished Scientist & Director General, Naval Systems & Materials (NS&M), DRDO, Dr OR Nandagopan, Outstanding Scientist & Director, Naval Science & Technological Laboratory and other dignitaries from DRDO were present.

Commodore Siddharth Mishra (Retd), Chairman and Managing Director, BDL, Shri N P Diwakar, Director (Technical), BDL and other senior officials from the Company were also present.

Varunastra or the Heavy Weight Torpedo has been designed and developed by NSTL, Visakhapatnam. BDL, being the Production Agency, is manufacturing Varunastra at its Visakhapatnam Unit for the Indian Navy. This product is also being offered for export.

BDL is associated with DRDO for its various Missile Programmes. BDL is the Production Agency for Quick Reaction Surface to Air Missile (QRSAM), for which, trials were conducted successfully recently.

BDL is also the Production Agency for Astra Air- to- Air Missile System and has commenced manufacturing of these missiles. The missile system will be fully indigenous and has been developed by the DRDO for the Indian Air Force.

Dr Satheesh Reddy, Chairman DRDO during his address appreciated the synergy between all stakeholders, especially the design agency NSTL and the production agency BDL in completion of the manufacture of the first Varunastra. He also brought out that BDL should gear up for new programs of ALWT and EHWT.

Comde Siddharth Mishra, CMD BDL brought out that BDL is poised to take on the manufacture of futuristic weapon systems. Towards this the BDL team is committed to hone new skills and create the necessary infrastructure.



Dr G. Satheesh Reddy, Secretary, Department of Defence R&D and Chairman, DRDO flagging off the first Varunastra, the Heavy Weight Torpedo, being delivered to the Indian Navy, at BDL, Visakhapatnam Unit on 21 Nov 2020. Also present on the occasion were Vice Admiral K. Srinivas, AVSM, NM, VSM Project Director, Ship Building Centre, Dr. Samir V. Kamat, Distinguished Scientist & Director General, Naval Systems & Materials (NS&M), DRDO, Dr OR Nandagopan, Outstanding

Scientist & Director, Naval Science & Technological Laboratory, other dignitaries from DRDO and Commodore Siddharth Mishra (Retd), CMD, Shri N P Diwakar, Director (Technical) and other senior officials from BDL.



Dr G. Satheesh Reddy, Secretary, Department of Defence R&D and Chairman, DRDO laid the foundation stone for setting up of state-of-the-art Central Stores at BDL on 21 Nov 2020 at BDL, Visakhapatnam Unit. Also present on the occasion were Vice Admiral K. Srinivas, AVSM, NM, VSM Project Director, Ship Building Centre, Dr. Samir V. Kamat, Distinguished Scientist & Director General, Naval Systems & Materials (NS&M), DRDO, Dr OR Nandagopan, Outstanding Scientist & Director, Naval Science & Technological Laboratory and other dignitaries from DRDO and Commodore Siddharth Mishra (Retd), CMD, Shri N P Diwakar, Director (Technical) and other senior officials from BDL.





Dr G. Satheesh Reddy, Secretary, Department of Defence R&D and Chairman, DRDO during his visit to manufacturing facilities at BDL, Visakhapatnam accompanied by Vice Admiral K. Srinivas, AVSM, NM, VSM Project Director, Ship Building Centre, Dr. Samir V. Kamat, Distinguished Scientist & Director General, Naval Systems & Materials (NS&M), DRDO, Dr OR Nandagopan, Outstanding Scientist & Director, Naval Science & Technological Laboratory and other dignitaries from DRDO and Commodore Siddharth Mishra (Retd), CMD, Shri N P Diwakar, Director (Technical) and other senior officials from BDL.

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