

Extended Range Anti Submarine Rocket (ER-ASR)

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In news– The Extended Range Anti Submarine Rocket (ER-ASR) was successfully test-fired for the first time from Navy's INS Chennai recently.

About ER-ASR-

- **The ER-ASR was designed by** Pune-based Armament Research and Development Establishment (ARDE) and High Energy Materials Research Laboratory (HEMRL) of the DRDO.
- It is designed to **intercept submarines at specific depths.**
- During the maiden tests conducted from Navy's guided missile destroyer INS Chennai, the performance of the rocket system was evaluated at the short range of 2.7 kilometers and in long range mode at 8.5 kilometers.
- The rocket system will be **deployed in anti-submarine operations and will be fired from an indigenised rocket launcher** mounted onboard various Indian naval ships.
- **ER-ASR can be fired in single or in salvo mode** depending on the tactical mission requirements.
- The maiden successful test from the ship is a step towards enhancing the capability of the Indian Navy in anti-submarine warfare and towards achieving 'Atma Nirbharta' in defence.
- ER-ASR has been designed to replace the existing **Russian-origin Rocket Guided Bombs (RGBs)** which are already fitted in ships.
- While the **RGB has a range of five kilometers, the ER-ASR can achieve a range over eight kilometers.**