



Naval Version of BrahMos Tested

Why in News

A **naval version** of the **BrahMos supersonic cruise missile** was successfully test-fired from an indigenously built stealth destroyer (INS Chennai) of the Indian Navy in the Arabian Sea.

Key Points

- **BrahMos:** It is a **joint venture** between the [Defence Research and Development Organisation of India \(DRDO\)](#) and the NPOM of Russia.
 - BrahMos is named on the **rivers Brahmaputra (India) and Moskva (Russia)**.
- It is a **supersonic** missile travelling at a speed of **Mach 2.8** (nearly three times the speed of sound)
 - It is the world's **fastest supersonic cruise missile**.
- It is a **multiplatform** i.e it can be launched from **land, air, and sea** and multi capability missile with pinpoint accuracy that works in **both day and night** irrespective of the weather conditions.
 - It is, therefore, used by all three forces, the **Army, Navy and the Air Force**.
- It operates on the "**Fire and Forget**" principle i.e it does not require further guidance after launch.
- It is the **heaviest weapon** to be deployed on [Sukhoi-30 MKI fighter aircraft](#), with a weight of 2.5 tonnes.
- Its **range has been recently enhanced** from 300 Km to 450-600 Km,
- Increasing the missile's range became possible after India's induction into the [Missile Technology Control Regime \(MTCR\)](#) in June 2016.
- The missile features **indigenous Booster and Airframe Section**, along with many other **indigenous sub-systems**.
- **Advantages:**
 - BrahMos has been deployed in **Ladakh** as well as the **Eastern Sector in Arunachal Pradesh** to tackle any threats in the [ongoing standoff with China](#).
 - Enhanced use of indigenous technologies will give a boost to India's [AtmaNirbhar Bharat](#).
 - Increasing indigenous content in defence systems has also been a prime focus of [Defence Acquisition Procedure, 2020](#) and [draft Defence Production and Export Promotion Policy 2020](#).
- **Recent Defence Testing:**
 - India also carried out successful test firing of a laser guided anti-tank guided missile and nuclear capable hypersonic missile '[Shaurya](#)'.
 - The successful test firing of [Rudram-1](#) was seen as a major milestone as it is India's **first indigenously developed** anti-radiation weapon.

[Source: TH](#)

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