

Ship-launched Version of BrahMos Supersonic Missile

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Context- In the Arabian Sea, the ship-launched version of the BrahMos supersonic missile with an indigenous seeker and booster was successfully tested by the Navy.

Key Highlights

- The Indian Navy used a ship-launched BrahMos Supersonic missile with an indigenous seeker and booster designed by DRDO to carry out a successful precision strike in the Arabian Sea, reaffirming our defense commitment to Aatmanirbharta.
- In April of last year, the Navy and the Andaman and Nicobar Command successfully tested the anti-ship version of the BrahMos cruise missile.

BrahMos Supersonic cruise missiles

- Supersonic cruise missiles with a speed of 2.8 Mach, or roughly three times the speed of sound, are manufactured by BrahMos Aerospace Pvt Ltd, which is a joint venture between **India and Russia**.
- The missiles can be fired from a variety of platforms, including ships, aircraft, submarines, and land.
- The missile's compact version, the BrahMos NG, is also being developed by BrahMos Aerospace.
- The Brahmaputra and Moskva rivers inspired the name BrahMos.
- A liquid ramjet and a solid propellant engine power the first stage of this two-stage

missile.

- It is a multiplatform missile that can be launched from land, air, or sea. It also has multiple capabilities and is precise enough to operate day or night, regardless of the weather.
- It works on the **“Fire and Forgets”** principle, which means that it doesn’t need any more guidance once it’s launched.



Recent Development

- The Indian Navy and the Andaman and Nicobar Command carried out a successful test-firing of an anti-ship version of the BrahMos supersonic cruise missile in April 2022.
- From the stealth-guided missile destroyer INS Visakhapatnam, a sea-to-sea variant of the supersonic cruise missile BrahMos with an extended range was tested in January 2022.
- [India and the Philippines](#) agreed to supply the missile for \$375 million in January of the previous year.
- India is also looking at South Africa, Saudi Arabia, the United Arab Emirates, and Egypt to sell the missiles.