



Anti-Ship Version of Brahmos Missile

Why in News?

Recently, an **anti-ship version of the [BrahMos supersonic cruise missile](#)** was successfully test-fired jointly by the [Indian Navy](#) and the [Andaman and Nicobar Command](#).

- The Andaman and Nicobar Command is the **only tri-services command of the Indian armed forces**.



What is BrahMos?

- BrahMos 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 and Moskva**.
- It is a **two-stage (solid propellant engine in the first stage and liquid ramjet in second) missile**.
- It is a **multiplatform missile** 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 operates on the "**Fire and Forgets**" principle i.e., it does not require further guidance after launch.
- BrahMos is one of the fastest cruise missiles currently operationally **deployed with speed of Mach 2.8**, which is nearly 3 times more than the speed of sound.
- Earlier, the [Indian Air Force \(IAF\)](#) successfully test-fired the BrahMos missile from a [Sukhoi fighter jet](#).
- Recently, the Indian Navy also successfully test-fired an [advanced version of the Brahmos missile](#) from a stealth destroyer in the Indian Ocean.
 - Following **India's entry into the [MTCR \(Missile Technology Control Regime\) club in June 2016](#)**, the range is planned to be extended to 450 km and to 600km at a later stage.
 - The BrahMos missile was **initially developed with a range capped at 290 km**.

What Defense Equipment does India procure From Russia?

- **Submarines:** Six [Air Independent Propulsion \(AIP-powered\) conventional submarines under the P75-I project.](#)
 - Negotiations for leasing two nuclear-ballistic submarines.
- **Frigates & Guided-missile Destroyers:** Four of the Navy's 10 guided-missile destroyers are Russian Kashin class, and 6 of its 17 frigates are [Russian Talwar class.](#)
- **Aircraft Carrier:** The only aircraft carrier in service with India, [INS Vikramaditya](#) is a Soviet-made Kiev-class vessel that came into service for the **Indian Navy** in 2013.
- **Fighter Aircraft:** Russia has also been one of main exporters of fighter aircraft to India, including hundreds of [Sukhoi and MiG jets.](#)
 - All six of the service's air tankers are Russian-made Il-78s.
- **Tanks:** Indian [Army's main battle tank force](#) is composed predominantly of Russian T-72M1 (66%) and T-90S (30%).
- **Missile Defense System:** [S-400 anti-missile system.](#)

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