

Today, the Indian Navy, a unified three-dimensional force, has strengthened itself as a formidable, multi-dimensional and networked force that protect India's naval interests, efficiently safeguards its seaward frontiers and defeats any threats to the national security in the maritime borders.

The Indian Navy is fully geared up with the state-of-the-art weapon systems to ensure the sovereignty of the nation by defeating any security challenges which may emerge in the foreseeable future. The Indian Navy, to add more firepower to its operational capabilities, has equipped all its frontline warships with the world's leading supersonic cruise missile—BRAHMOS.

The Indian Navy, which started arming its frontline surface warfare ships with BRAHMOS as a 'prime strike weapon' from 2005 onwards, has deployed the missile in both land-attack and anti-ship configurations, to carry out littoral as well as surface warfare missions. The BRAHMOS supersonic cruise missile has thereby established itself as a unique weapon system. Its speed, precision and devastating power in destroying the target, has made the weapon unparalleled in the global arena.

The advanced weapon system has grown from strength to strength over the years and has added new capabilities to meet the divergent war scenarios.

With its versatility, potentiality and striking capability, it has maintained a leading edge over the world's other missiles and weapons. The BRAHMOS is capable of flying at a top speed of Mach 3 and is extremely lethal in striking down an enemy target in no time. The supersonic speed of the missile also makes it difficult for interception by the enemy's air defence system.

Similarly, the Indian Army has raised several BRAHMOS regiments with the weapon's land-attack version which has been developed in Block-I, Block-II and Block-III configurations, having distinct features for divergent conflict scenarios. The most glorious feat for the world-class BRAHMOS programme was achieved in 2017, when the cruise missile was successfully test-fired from the Indian Air Force's Su-30MKI fighter aircraft against a sea based target

BRAHMOS

is the strength of Indian Navy in naval warfare



in the Bay of Bengal. By arming all the three wings of the Indian Armed Forces, the BRAHMOS has completed the tactical cruise missile triad.

The Indian Navy was the first to place order for BRAHMOS. The missile system is inducted in a majority of the existing naval platforms and will be deployed in other future surface ships. They are capable of both maritime strike and land attack. The missile is capable of hitting sea based targets beyond radar horizons. It can be launched in either inclined or vertical configurations based on the type of the ship. Therefore, all the modern Indian Navy ships have been equipped with BRAHMOS. The missile has also showcased its underwater launch capabilities, following its test fir-



ing in vertical configuration from a submerged platform in the Bay of Bengal, off the coast of Visakhapatnam. The missile is now ready to arm the new generation submarines.

The BRAHMOS has also achieved historic milestones in the 'Make In India' programme by successfully launching the BRAHMOS missile with major sub-systems such as indigenous seeker, critical indigenous components, fuel management system and other non-

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metallic airframe components; proving the competency of the missile life extension technologies developed for the first time in India by test-firing with the advanced features.

The supersonic cruise missile, developed jointly by India's Defence Research and Development Organisation (DRDO) and Russia's NPO Mashinostroyeniya (NPOM), is a unique example of the partnership between both the friendly nations in critical areas of research and development. It is the untiring efforts and competent leadership of the entire team of BrahMos, including



the consortium of more than 206 Indian industries and multiple Russian industries, R&D labs and academic institutions of both the countries, which have made significant contribution in design, development and production, leading to the induction of BRAHMOS in the Indian Armed Forces. More than 20,000 specialists, engineers and technicians, in more than 200 large and medium industries, are currently associated with BrahMos as a great strength and a force multiplier.

Today, with numerous launches from various platforms, each achieving technological prowess with continuous upgrades, BRAHMOS is a system par excellence. BrahMos is supplying the missile system to all the three pillars of Indian Armed Forces and undertaking continuous performance improvements, upgradations and newer versions.

BrahMos has proved to the world that a joint venture of advanced technology can lead to a high performance product in the shortest possible time with far-reaching dividends.

BrahMos Aerospace felicitates the Indian Navy on this Navy Day.