



Ministry of Defence



Supersonic Missile-Assisted Release of Torpedo system successfully flight-tested by DRDO off the Odisha coast

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Supersonic Missile-Assisted Release of Torpedo (SMART) system was successfully flight-tested at around 0830 hrs on May 01, 2024 from Dr APJ Abdul Kalam Island off the coast of Odisha. SMART is a next-generation missile-based light-weight torpedo delivery system, designed and developed by the Defence Research and Development Organisation (DRDO) to enhance the anti-submarine warfare capability of the Indian Navy far beyond the conventional range of lightweight torpedo.



This canister-based missile system consists of several advanced sub-systems, namely two-stage solid propulsion system, electromechanical actuator system, precision inertial navigation system etc. The system carries advanced light-weight torpedo as payload along with parachute-based release system.

The missile was launched from the ground mobile launcher. Several state-of-the-art mechanisms such as asymmetric separation, ejection and velocity control have been validated in this test.

Defence Minister Shri Rajnath Singh has complimented the DRDO and the industry partners on the successful flight-test of SMART. "The development of the system will further enhance the strength of our Navy," he said.

Secretary, Department of Defence R&D and Chairman DRDO Dr Samir V Kamat lauded the synergistic efforts of the entire SMART team and urged it to continue on the path of excellence.

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