

Fri, 12 Jan, 2018

Agni-V user trial likely on Jan 18

Bhubaneswar: Hectic preparations have begun at Abdul Kalam Island defence test facility off Odisha coast for the first user trial of country's most potent longest range surface-to-surface nuclear-capable ballistic missile Agni-V. The trial would be carried out by the Strategic Forces Command (SFC) of Indian Army.

Sources said the launch window has been set and tracking equipment moved to the strategic locations. The indigenously designed and developed missile will be test fired anytime between January 18 and 19. "The missile system is a proven one as already four trials - two from mobile launcher and two from canister have been conducted successfully. Data generated during all missions were quite satisfactory. The fresh trial would be carried out with the association of SFC to check its operational readiness," said an official.

Developed by Defence Research and Development Organisation (DRDO), the intercontinental range ballistic missile is the best in its class with advanced ring-laser gyros, composite rocket motors and highly accurate micro-navigation systems and inertial navigation systems.

The three-stage, 17-metre tall, two-metre wide Agni-V, is capable of carrying a nuclear warhead of about 1.5 tonnes. Weighing around 50 tonnes, it incorporates accelerometer for navigation and guidance and its accuracy level is far higher than its three earlier variants - Agni-II, Agni-III and Agni-IV.

"What makes the missile more effective and stealth is that it can be equipped with Multiple Independently Targetable Re-entry Vehicles (MITRV) capable of delivering multiple warheads at different targets at long distances. The technology is under development," said a defence scientist involved with the Agni-V project.

Since the 5000-km range missile has to traverse across the Indian Ocean, all logistic issues will have to be fixed before the launch time is fixed. A number of countries, including Indonesia and Australia will be alerted and the international air and maritime traffic within the test zone also controlled accordingly. The last test of the missile was conducted from the same test range on December 26, 2016.

<http://www.newindianexpress.com/states/odisha/2018/jan/12/agni-v-user-trial-likely-on-jan-18-1751597.html>

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First User Trial of India's Nuclear-capable AGNI-V ICBM on January 18

India will reportedly carry out the first user trial of country's intercontinental range ballistic missile 'Agni V' next week.

The trial would be carried out by the Strategic Forces Command (SFC) of Indian Army at Abdul Kalam Island defence test facility off Odisha coast anytime between January 18 and 19, Indian Express reports quoting defense sources.

Sources said the launch window has been set and tracking equipment moved to the strategic locations.

“The missile system is a proven one as already four trials - two from mobile launcher and two from canister have been conducted successfully. Data generated during all missions were quite satisfactory. The fresh trial would be carried out with the association of SFC to check its operational readiness,” said an official.

Developed by Defence Research and Development Organisation (DRDO), the longest range surface-to-surface nuclear-capable ballistic missile has an advanced ring-laser gyros, composite rocket motors and highly accurate micro-navigation systems and inertial navigation systems.

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http://www.defenseworld.net/news/21754/First_User_Trial_Of_India_s_Nuclear_capable_AGNI_V_ICBM_On_January_18



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DRDO Workshop & Exhibition on CBRN Defence Technologies

Chief of Army Staff General Bipin Rawat inaugurated a workshop and an Exhibition on CBRN Defence Technologies to showcase the Products and Technologies developed towards CBRN (Chemical, Biological, Radiological and Nuclear) threats at DRDO Bhawan, New Delhi.

Speaking on the occasion General Rawat complimented DRDO and said CBRN threat is becoming a reality, particularly from the “non-state actors” and he is sure that DRDO’s long term perspective plan in conjunction and integrated perspective plan of the services must encompass development of mitigation of technologies against such CBRN threats. Chairman DRDO and Secretary Department of Defence R&D Dr S Christopher handed over the CBRN Suit MK-V & CBRN First Aid Kit and Remote Radiation Monitoring and Transmission System (RRMTS) at the inauguration.

The CBRN Training Manuals and Military Explosives Handling Guidelines were also released. Hiranya garbha - the Terrabit Transport Cross Connect, a trusted network router & Army Air Defence Deployment Simulator System (A2D2S2) were also unveiled.

Dr Shashi Bala Singh, Director General (Life Sciences) at DRDO in her welcome address highlighted the contributions of DRDO to the National CBRN Defence Preparedness and Capacity Building and said that more than 68 developed products related to CBRN by DRDO are already inducted and 25 more have been

realised and ready for induction. She further said that this has been made possible due to a large participation of private sector with more than 50 industry partners.



The aim of the workshop is to further enhance the level of preparedness and strengthen the partnership among the stakeholders. Besides DRDO, the workshop has the participation from the three Services, Ordnance Factory Board, National Disaster Management Authority, National Disaster Response Force, Min of Home Affairs, Central Armed Police Forces, SPG, National Security Guard and several other government/security agencies, etc.

The event provides an opportunity for the stakeholders to interact and understand the requirements of each other and respond in a way to bring coherence in the system that will eventually strengthen their partnerships and enhance the National preparedness level. The DRDO has trained more than 4,000 military and paramilitary personnel towards mitigation of CBRN threats. It is working closely with all stakeholders including the Armed Forces. It is also providing CBRN support during the Republic Day and Independence Day celebrations.

<http://www.5dariyanews.com/news/215295-DRDO-Workshop-Exhibition-on-CBRN-Defence-Technologies>

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General Bipin Rawat says chemical, biological, nuclear weapons becoming reality from non-state actors, DRDO needs to develop counter mechanism

The Chief said that he was hopeful that the Defence Research Development Organisation (DRDO) has a long-term perspective plan that encompasses the development of mitigation of technologies against such CBRN threats.

New Delhi: Army Chief General Bipin Rawat on Friday said that the threat of CBRN (Chemical, biological, radiological and nuclear) weapons are becoming a reality. He said that the threat is particularly from the non-state actors.

The Chief emphasized that the Defence Research Development Organisation (DRDO) should work in a direction to develop technologies to counter such CBRN threats.

The Army Chief stressed on the need modern weapons and technology. He said that we have to look at what we require to fight the future wars. We have to get systems that are best suited for our requirements.

DRDO is a premier research and development body under the ministry of defence (MOD). It has developed state-of-the-art military equipment including battle tank Arjuna. With many terrorist organizations using chemical warfare as a strategy, the Army Chief wants DRDO to work in the direction to counter such threats.

Speaking on the recent cases of reported intrusion along the Line of Actual Control in Arunachal Pradesh, the Army supremo said that China is exerting pressure. We are dealing with it. Yes we should try that it is not escalated. We will not allow our territory to intruded. Troops are earmarked, should a situation arise our troops are ready to cater.

General Rawat, who had previously also highlighted on the need for technologically advanced weapons and equipment, said that threat from CBRN weapons is fast becoming a concern.

<http://www.newsnation.in/india-news/army-chief-general-bipin-rawat-says-chemical-biological-nuclear-weapons-reality-drdo-needs-to-develop-counter-mechanism-article-190271.html>