

Tue, 20 Feb, 2018

India successfully test fires nuclear capable Agni-II missile off Odisha coast

By Hemant Kumar Rout

Bhubaneswar: The Indian Army on Tuesday successfully test-fired surface-to-surface nuclear capable Intermediate Range Ballistic Missile (IRBM) Agni-II in full operational configuration from a defence base off Odisha coast.

Defence sources said the weapon system with a dummy payload blasted off from a mobile launcher at the launching complex-IV of the Abdul Kalam Island at about 8.40 am leaving behind a chain of thick smokes.

This was third successful trial of an Agni series missile in the last one month. While 5,000-km Agni-V was test fired on January 18, a user trial of 700-km range Agni-I was conducted on February 6.

The 2,000 km range Agni-II missile, already inducted and part of the country's arsenal for strategic deterrence, was launched as a training exercise by the Strategic Forces Command (SFC) of the army.

The missile equipped with advanced high accuracy navigation system, guided by a novel scheme of state of the earth command and control system was propelled by solid rocket propellant system.

A defence official said the missile travelled along the intended flight path before reaching the point of impact with a few meter accuracy, meeting all mission parameters as coordinated.

"The successful launch has once again proved reliability of the medium range missile. Radar, telemetry systems, electro-optical tracking stations tracked and monitored the mission parameters throughout the trajectory. The mission was highly successful and flawless," he said.

All the systems, propulsion, control, actuators, on-board computers, missile interface units and the navigation, guidance systems functioned fully to perfection and ensured the vehicle reached the target within double digit accuracy.

The launch operations were carried out by SFC while the Defence Research and Development Organisation (DRDO) provided all logistic supports.

The first prototype of an operational variant of the Agni-II was tested on April 11, 1999. The missile can be fitted with 150 kilo tonne yield nuclear warheads, in addition to chemical, high explosive and sub-munitions versions.

The two-stage, 21-metre long missile having a diameter of 1.3 meter weighs around 16 tonne. It can carry a payload of around 1,000 kg and its range can be increased to 3,000 km by reducing the weight of the payload.

Stealth Missile

- Range - 2,000 km
- Weight - 16,000
- Length - 21 m
- Diameter - 1.3 m
- Warhead - 1,000 kg
- Engine - Two stage solid propellant
- Speed - 3.9 km/sec

<http://www.newindianexpress.com/nation/2018/feb/20/india-successfully-test-fires-nuclear-capable-agni-ii-missile-off-odisha-coast-1776110.html>

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Agni-II test-fired successfully

An indigenously developed medium-range nuclear-capable Agni-II missile with a strike range of 2,000 km was successfully test-fired today from an island off the Odisha coast. The trial was conducted by the Strategic Forces Command (SFC) of the Indian Army.

The Defence Research and Development Organisation (DRDO) had successfully tested the country's longest-range indigenously developed nuclear-capable missile Agni-V in January and short-range nuclear-capable ballistic Agni-I earlier this month.

Coming on the heels of the successful test-firing on January 18 of its most advanced nuclear-capable three-stage solid fuel intercontinental ballistic missile (ICBM), the Agni-V, as well as the Agni-1 missile trial on February 6, the test-firing exercise is set to provide a major boost to the country's defence capabilities.

The Prithvi-II missile is capable of carrying 500-1,000 kg warheads and is thrust by liquid propulsion twin engines, as well as advanced inertial guidance system with manoeuvring trajectory.

The first missile to be developed by the DRDO under India's Integrated Guided Missile Development Programme, the Prithvi-II was inducted into India's armed forces in 2003.

The Agni-I, on the other hand, has an operational range of 700-900 kilo-meters and can carry a 1,000-kilogram conventional or nuclear payload. The Agni-I, fitted with an accurate inertial navigation system, was last successfully test fired on November 22, 2017.

Named for the Vedic god of fire, Agni-I is the father of the Agni family of non-nuclear and nuclear-capable missiles.

<https://www.thehindubusinessline.com/news/agni-ii-test-fired-successfully/article22809401.ece>



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India test fires medium range nuclear capable Agni-II missile

India test-fires medium range nuclear capable Agni-II missile with a strike range of 2,000 km from Abdul Kalam Island off Odisha coast

Balasore (Odisha): India on Tuesday test-fired its medium range nuclear capable Agni-II missile with a strike range of 2,000 km from Abdul Kalam Island off Odisha coast, said people familiar with the matter. The trial of the surface-to-surface missile was conducted from a mobile launcher at the Launch Complex-4 of the Integrated Test Range (ITR) at around 8.38am, they said.

The Intermediate Range Ballistic Missile (IRBM) has already been inducted into the services and Tuesday's test was carried out by the Army's Strategic Forces Command (SFC) with logistic support provided by the Defence Research and Development Organisation (DRDO), they said. The 20-mt-long Agni-II ballistic missile has a launch weight of 17 tonne and can carry a payload of 1,000 kg over a distance of 2,000 km.

The state-of-the-art missile, already a part of the country's arsenal for strategic deterrence, was launched as a training exercise by the armed forces, a DRDO scientist said. Agni-II, a two-stage missile, equipped with

advanced high accuracy navigation system and guided by a unique command and control system was propelled by solid rocket propellant system, he said.

The entire trajectory of the trial was tracked by a battery of sophisticated radars, telemetry observation stations, electro-optic instruments and two naval ships located near the impact point in the down range area of the Bay of Bengal. Agni-II was developed by the Advanced Systems Laboratory along with other DRDO laboratories and integrated by the Bharat Dynamics Limited, Hyderabad, people cited earlier said.

The missile is part of the Agni series of missiles which includes the Agni-I with a 700 km range, Agni-III with a 3,000 km range, Agni-IV and Agni-V both having long range capabilities. The first prototype of the Agni-II missile was carried out on 11 April 1999 and last launch was a user's trial on 4 May 2017.

<http://www.livemint.com/Science/b3k6C9rvy8dJcgw7C7YXgO/India-test-fires-medium-range-nuclear-capable-AgniII-missil.html>

THE ECONOMIC TIMES

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Agni-II was developed by the Advanced Systems Laboratory along with other DRDO laboratories and integrated by the Bharat Dynamics Limited, Hyderabad, sources said.

The missile is part of the Agni series of missiles which includes the Agni-I with a 700 km range, Agni-III with a 3,000 km range, Agni-IV and Agni-V both having long range capabilities.

The first proto type of the Agni-II missile was carried out on April 11, 1999 and last launch was a user's trial on May 4, 2017.

<https://economictimes.indiatimes.com/news/defence/india-test-fires-agni-ii-missile-off-odisha-coast/articleshow/62993975.cms>

FIRSTPOST.

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The 20-metre-long Agni-II ballistic missile has a launch weight of 17 ton and can carry a payload of 1,000 kilograms over a distance of 2,000 kilometres.

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The missile is part of the Agni series of missiles which includes the Agni-I with a 700-kilometre range, Agni-III with a 3,000-kilometre range, Agni-IV and Agni-V both having long-range capabilities.

The first prototype test of the Agni-II missile was carried out on 11 April, 1999, and the last launch was a user's trial on 4 May, 2017.

<http://www.firstpost.com/india/india-test-fires-medium-range-nuclear-capable-agni-ii-missile-off-odisha-coast-4359115.html>

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India test-fires nuclear-capable ballistic missile Agni-II off Odisha coast

The missile has a strike range of more than 2,000 km.

India test-fired its indigenous nuclear-capable Agni-II ballistic missile from the Abdul Kalam Island off the Odisha coast on Tuesday morning, PTI reported citing the Ministry of Defence.

The missile was test-fired from a launchpad of the Integrated Test Range in Balasore around 8.40 am. It was conducted by the Army's Strategic Forces Command with logistic support from the Defence Research and Development Organisation, the officials said.

Agni-II is a medium-range ballistic missile with two solid fuel stages. The missile is 20 metres long, weighs 17 tonnes and can carry a payload of 1,000 kg. It has a strike range of more than 2,000 km. It has already been inducted into the Indian Army.



Tue, 20 Feb, 2018

India test-fires nuclear-capable Agni II missile: Report

The Strategic Forces Command (SFC) today test fired Agni II, the medium-range nuclear-capable missile, from APJ Abdul Kalam island off the Odisha coast, ANI reported.

The missile has a strike range of more than 2,000 km.

Agni-II has a length of 20 metres, weighs 17 tonnes and can carry a payload of 1000 kg over a distance of 2000 km.

It is a part of the Agni series of missiles developed by the DRDO which includes Agni-I (700-km range), Agni-III (3,000 kms), Agni-IV (4,000 kms) and Agni-V (more than 5,000 kms).

The trial of the surface-to-surface missile was conducted from Launch Complex-4 of Integrated Test Range (ITR) in Balasore district at about 8.38 a.m., said a Defence Ministry official.

Agni II missile has already been inducted into the Indian Army.

The two-stage missile equipped with advanced high accuracy navigation system, which is guided by a novel scheme of state-of-the-art command and control system was propelled by solid rocket propellant system.

From time to time, the SFC, the division which overlooks nuclear missiles in the country, carries out tests of missiles in its inventory from different production batches to check the effectiveness of the weapon systems in its stock.

The nuclear warhead carrying missiles are mainstay of Indian nuclear 'no first strike policy' and have been developed as reliable as credible weapon systems.

<https://www.indiatoday.in/india/story/india-test-fires-nuclear-capable-agni-ii-missile-report-1173436-2018-02-20>



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The 20-metre-long Agni-II ballistic missile has a launch weight of 17 tonnes and can carry a payload of 1,000 kg over a distance of 2,000 km. The state-of-the-art missile, already a part of the country's arsenal of strategic deterrence, was launched as a training exercise by the armed forces, a DRDO scientist said.

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<http://www.timesnownews.com/india/article/india-test-fires-medium-range-nuclear-capable-agni-ii-missile-ballistic-missile-india-strategic-command-nuclear-forces-triad/200828>



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