



# DRDO

**Press Release**  
Wednesday the 19<sup>th</sup> September 2012  
Wheeler Island, Odisha &  
DRDO Bhawan  
NEW DELHI

## **SUCCESSFUL FLIGHT TESTING OF AGNI-IV**

DRDO developed, 4000 kms range Nuclear Capable Ballistic Missile AGNI-IV, was successfully flight tested from Wheeler's Island around 1135hrs on 19 Sep 2012. This long range missile propelled by composite rocket motor technology, was tested for its full capability. The AGNI-IV missile launched from the road mobile launcher, reached the pre-defined target in about 20 minutes. The missile equipped with state of the art Avionics, 5<sup>th</sup> generation On Board Computer and with distributed architecture has the latest features to correct and guide for inflight disturbances. The most accurate Ring Laser Gyro based Inertial Navigation System (RINS) and supported by highly reliable redundant Micro Navigation System (MINGS), ensured the vehicle reach the target within two digit accuracy. The re-entry heat shield withstood temperatures of more than 3000 degree centigrade and made sure the avionics function normally with inside temperature less than 50 degree centigrade.

All Electro-Optical Tracking systems (EOTS), Radars located all along the coast have tracked and monitored all the parameters throughout the flight. Two ships located near the target point tracked the vehicle and witnessed the final event.

Dr. Vijay Kumar Saraswat, SA to RM, Secretary Dept of Defence R&D and DG DRDO, Shri Avinash Chander, Programme Director AGNI, DS & CC R&D (MSS) reviewed the total launch activities and guided the team. Smt Tessa Thomas, Project Director AGNI-IV led the team of scientists during the operation. Dr S.K. Chaudhuri, Director RCI, Shri A.K. Chakrabarti, Director DRDL, Dr V.G. Sekaran, Director ASL, Shri MVKV Prasad, Director ITR witnessed the launch.

Defence Minister Shri AK Antony congratulated all scientists of DRDO for the successful flight test of AGNI-IV.

Please see "**What's New**" section of DRDO website homepage for [image](#) and [video](#) of **AGNI-IV Flight Testing**.

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