

09– 05 – 2024

News: Agni Prime

- The new generation ballistic missile Agni-Prime was successfully flight-tested from the Dr APJ Abdul Kalam Island off the coast of Odisha.

Agni Prime

- Agni Prime is a new generation advanced variant of Agni class of Medium Range Ballistic Missiles (MRBM).
- It is a canisterised missile with range capability between 1,000 and 2,000 kms.
- It was test fired on 28th June 2021 from the Abdul Kalam Island off the Chandipur coast, Balasore, Odisha. Recently, on June 2023, the first successful night trial of Agni Prime was conducted.
- The missile followed text book trajectory, meeting all mission objectives with high level of accuracy.
- The ballistic missile weighs 50% less than Agni 3 and has new guidance and a new generation of propulsion.
- Since the missile is canisterised, it can be launched from rail and road and stored for a longer period and transported all across the country as per operational requirements.

- Canisterisation of missiles **reduces the time required to launch the missile** while improving its storage and mobility.
- Once inducted, **these missiles will be the mainstay of the Arihant class** of indigenous ballistic missile nuclear submarines (SSBN) and will give India the stand-off **capability to launch nuclear weapons submerged in Indian waters.**

Name	Type	Range
Agni – I	Medium Range Ballistic Missile	700-1200km
Agni – II	Medium Range Ballistic Missile	2000-3000km
Agni – III	Intermediate Range Ballistic Missile	3000-5000km
Agni-IV	Intermediate Range Ballistic Missile	3500-4000km
Agni – V	Inter-Continental Range Ballistic Missile	5000-8000km
Agni – VI	Inter-Continental Range Ballistic Missile	11000-12000km
Agni P(rime)	Medium Range Ballistic Missile	1000-2000km

