

Daily Defence Current Affairs

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DRDO Releases Indian Radio Software Architecture

- The DRDO released an Indian radio software architecture to enable interoperability in military communication.
- The defence ministry described the launch as a "defining step" in India's journey towards self-reliance in defence communication technologies. The Indian Radio Software Architecture (IRSA) is a comprehensive software specification for software defined radios (SDR).
- "The IRSA is a comprehensive software specification for software defined radios (SDR), defining standardised interfaces, APIs, execution environments, and waveform portability mechanisms," it said.
- The IRSA initiative traces its origin to 2021, when the critical role of SDRs in modern military communication was highlighted and the need for a national software standard was felt.
- A core technical team led by DRDO initiated work in 2022, engaging with the Integrated Defence Staff (IDS) and the three services to capture operational and user requirements.



Top Army Commanders Review National Security Challenges

- Top commanders of the Indian Army carried out a comprehensive review of national security challenges along the borders with Pakistan and China at a two-day conclave.
- Sources in the defence and security establishment said the commanders largely delved into various aspects of Operation Sindoor and the security implications for India over its decision to suspend the Indus Water Treaty with Pakistan.
- A day after the April 22 Pahalgam attack, India announced a series of punitive measures against Pakistan, including the suspension of the Indus Waters Treaty with New Delhi asserting that "blood and water" cannot flow together.
- The commanders' conference is an institutional platform for conceptual-level deliberations, culminating in making important policy decisions for the Indian Army.
- Army said the conference is a pivotal forum for the apex leadership of the force to brainstorm conceptual issues, review and assess the overall security situation and lay down key priorities facilitating important policy decisions for a future-ready Indian Army.



India-Russia Military Drills Indra-2025

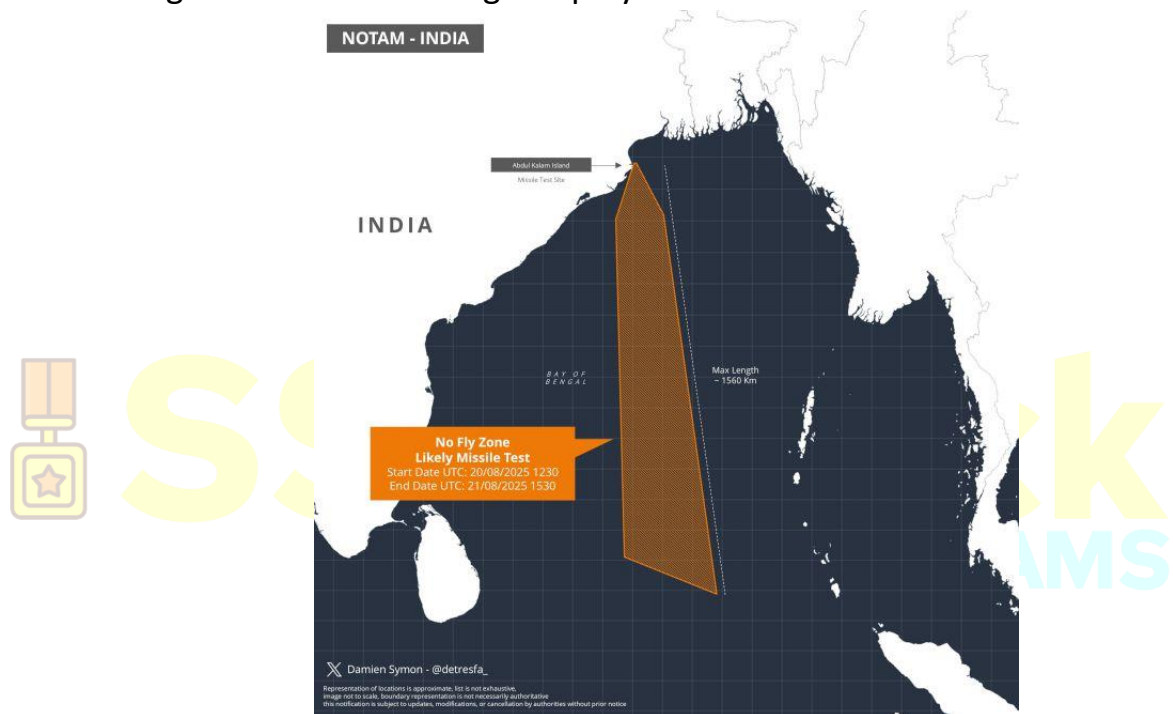
- India and Russia commenced the Indra-2025 joint military exercises on October 6, 2025, at the Mahajan training ground in Rajasthan.
- This large-scale drill will continue until October 15 and aims to strengthen defence collaboration and operational coordination between the two armies, particularly in counterterrorism operations.
- The Russian Ministry of Defence outlined that the primary objective of Indra-2025 is to practice coordinated operations between Indian and Russian units aimed at combating international terrorism.
- This includes refining tactical approaches to counterterrorism missions and enhancing joint operational effectiveness in complex battle scenarios.
- India's Defence Ministry stated that participation in **Zapad-2025** further strengthens defence cooperation and camaraderie between the two countries, positioning it as a significant step in deepening military ties amidst evolving global security dynamics.



India Issues a Notam

- India has issued a **Notice to Airmen** (NOTAM) indicating preparations for a significant missile test in the Bay of Bengal, scheduled between October 15 and 17, 2025.

- The designated test area covers a maximum missile range of 1,480 kilometers, signalling a substantial but shorter-range missile flight compared to recent tests.
- This planned trial follows the monumental successful test of the Agni-V ICBM in August 2025, which demonstrated India's long-range strike capability with a 5000 km range. The Agni-V marked a strategic milestone in India's missile deterrence, reinforcing credible second-strike capability against potential adversaries.
- The 1,480 km range matches the operational envelope for such missile classes, which bridge tactical and strategic deployment needs.



REVIEW QUESTIONS

1. **Where is the India–Russia joint military exercise Indra-2025 being conducted?**
 - A. Babina, Uttar Pradesh
 - B. Mahajan, Rajasthan
 - C. Mhow, Madhya Pradesh
 - D. Jaisalmer, Rajasthan

ANSWER: B

2. What is the primary objective of the Indra-2025 joint military exercise?

- A. Training in mountain warfare
- B. Enhancing naval operations
- C. Strengthening counterterrorism cooperation
- D. Conducting humanitarian assistance drills

ANSWER: C

3. What is the purpose of the Indian Radio Software Architecture (IRSA) released by DRDO?

- A. To enhance air defence systems
- B. To enable interoperability in military communication
- C. To develop artificial intelligence-based drones
- D. To improve radar detection systems

ANSWER: B

4. MRO Stands For

- A. Maintenance, Repair and Overhaul
- B. Maintenance, Repair and Overtake
- C. Maintenance, Repair and Over
- D. None

ANSWER: A

5. Ex 'SIAM BHARAT' Conducted b/w India &

- A. Qatar
- B. Oman
- C. Thailand
- D. Russia

ANSWER: C

6. COP Stands For

- A. Creator of Parties
- B. Conference of Parties
- C. Conference of Programme
- D. None

ANSWER: B

7. Raising Day of BRO Observed On

- A. 6 May

- B. 7 May
- C. 8 May
- D. 9 May

ANSWER: B

8. Akash Prime Is A

- A.** Rocket
- B.** Air Defence Missile System
- C.** Sniper Rifle
- D.** Tank

ANSWER: B

9. NAVIC Stands For

- A. India Regional Navigation Satellite System
- B. Indian Regional Navigator Satellite System
- C. Indian Regional Navigation Satellite Source
- D. Indian Regional Navigation Satellite System

ANSWER: D

10. Major Rank Of the Indian Army Is Equivalent To Which Rank Of The Indian Navy?

- A. Captain
- B. Inspector
- C. Lt Commander
- D. Vice-admiral

ANSWER: C

11. Training Command of IAF is located at

- A. New Delhi
- B. Bangalore
- C. Gurugram
- D. Lucknow

ANSWER: B

12. Captain Of Indian Army Is Equivalent To Rank Of IAF Is

- A. Wing Commander
- B. Squadron Leader
- C. Flight Lt.

D. Air Chief Marshal

ANSWER: C

13. Colonel Rank Of Indian Army Is Equivalent To Rank Of Indian Navy Is

- A. Commander
- B. Captain
- C. Group Captain
- D. Lieutenant

ANSWER: B

14. Warsaw Is The Capital Of

- A. Oman
- B. Germany
- C. Ukraine
- D. Poland

ANSWER: D

15. "Indian Fiscal Federalism" Book Is Written By

- A. Dr. Bibek Debroy
- B. Dr. Krishna Saksena
- C. Dr. Y.V. Reddy
- D. Jairam Ramesh

ANSWER: C

16. Tangail Airdrop Was Done At Which War

- A. 1948
- B. 1962
- C. 1965
- D. 1971

ANSWER: D

17. War Cry of NAGA REGIMENT

- A. Bharat Mata ki Jai
- B. Ki ki so so Lhargyalo
- C. Jai Durga Naga
- D. Durga Mata Ki Jai

ANSWER: C

18. Sankalp-class OPV Designed And Built By

- A. Goa Shipyard Limited
- B. GRSE
- C. MDL
- D. CSL

ANSWER: A

19. Mitra Shakti Ex Held B/w India &

- A. Sri Lanka
- B. USA
- C. UK
- D. Nepal

ANSWER: A

20. Agni Prime Designed And Built By

- A. DRDO
- B. GRSE
- C. MDL
- D. CSL

ANSWER: A