

# Daily Defence Current Affairs

## 22 May 2025

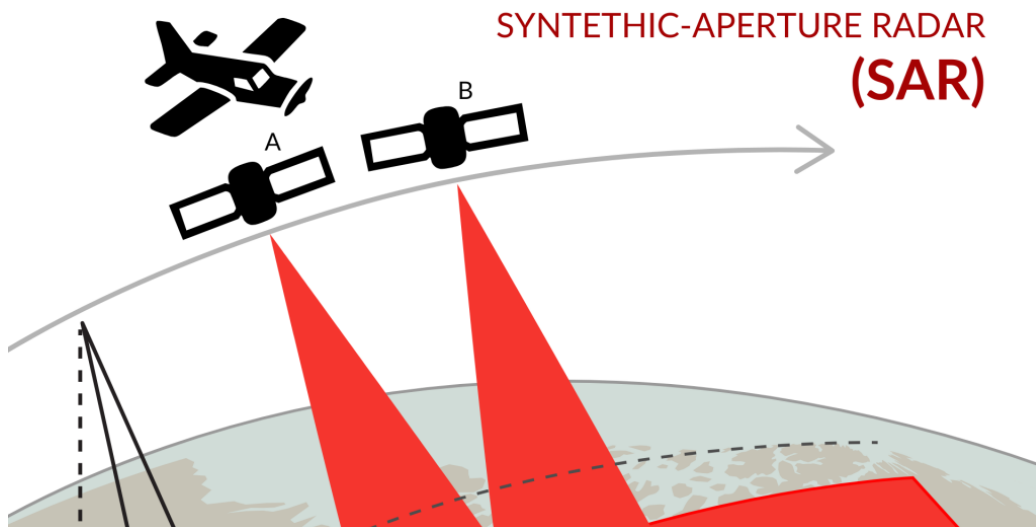
### BrahMos-NG To Be Integrated With MiG-29, Mirage-2000 & TEJAS

- The BrahMos Next Generation (NG) missile represents a significant advancement in India's supersonic cruise missile technology, with development in advanced stages and first flight tests expected by 2026.
- This miniaturised variant of the highly successful BrahMos missile system is specifically designed to be integrated with multiple fighter aircraft platforms including MiG-29, Mirage 2000, and the indigenous Tejas, dramatically expanding India's aerial strike capabilities.
- Weighing between 1.3-1.6 tonnes—less than half the weight of its predecessor—the BrahMos-NG will serve as the Indian Air Force's primary aerial deterrent while maintaining the supersonic performance and devastating impact of the original system.
- The BrahMos Aerospace company is planning to manufacture the BrahMos-NG in Uttar Pradesh, India, establishing a dedicated production facility. The Indian Air Force has already confirmed a substantial requirement of 400 missiles, with an estimated cost of approximately ₹8,000 crore (roughly \$1 billion), to be delivered within a five-year time-frame.
- Future plans also include integration with the **Dassault Rafale** and the upcoming HAL **TEJAS MK-2**, further expanding deployment options.



## Indigenously Built Synthetic Aperture Radar Drone

- India's first indigenously built **Synthetic Aperture Radar (SAR)** drone, developed by Sisir Radar, represents a major leap in the nation's Earth observation and defence technology capabilities.
- This drone platform is entirely designed and manufactured in-house by Sisir Radar, a Kolkata-based start-up led by renowned radar expert Tapan Misra, known for his pivotal roles in ISRO's imaging satellite programs and the NISAR mission.
- The SAR systems support both 2D and 3D imaging, and their automatic registration with map references enhances usability for strategic operations.
- Sisir Radar's P-band SAR is the world's highest-resolution in its class and is flown on a drone, a global first.



## India Successfully Hosts The 2<sup>nd</sup> Blue Talks

- The Ministry of Earth Sciences Government of India, in collaboration with the Embassy of France and the Embassy of Costa Rica in India, hosted the “Second Blue Talks” May 20, 2025, at Prithvi Bhawan, Lodhi Road, New Delhi.
- This event aimed to serve as a milestone in the lead-up to the 3rd United Nations Ocean Conference (UNOC3), which will be held in Nice, France, from June 09-13, 2025.
- Building upon the success of the first Blue Talks held in February 2024, the second meeting convened leading scientists, policymakers, global stakeholders, and representatives from government, academia, industry, and civil society.
- The forum aimed to accelerate action and galvanize concrete commitments towards the **conservation and sustainable use of our oceans**, directly aligning with the UNOC3 theme.
- The core objective of the second Blue Talks was a dynamic stakeholder consultation session centred around four themes:
  - Conserving, Sustainably Managing, and Restoring Marine and Coastal Ecosystems
  - Increasing Ocean-Related Scientific Cooperation, Knowledge Building, Marine Technology, and Education for Enhanced Ocean Health
  - Preventing and Significantly Reducing Marine Pollution from Land-Based Activities and Beyond
  - Leveraging the Interconnectedness of Ocean, Climate, and Biodiversity



## ‘Ancient Stitched Ship’ Inducted Into The Indian Navy

- The Indian Navy formally inducted and named the Ancient Stitched ship as **INSV Kaundinya** at a ceremonial event held at Naval Base, Karwar.
- INSV Kaundinya is a stitched sail ship, based on a 5th century CE ship depicted in the paintings of **Ajanta Caves**. The project was initiated through a tripartite agreement signed in Jul 2023 between the Ministry of Culture, the Indian Navy, and M/s Hodi Innovations, with funding from the Ministry of Culture.
- The Indian Navy played a central role in the project, overseeing the design, technical validation, and construction process. With no surviving blueprints of such vessels, the design had to be inferred from iconographic sources.
- The ship will now embark on her next historic phase, involving preparations for a transoceanic voyage along the ancient trade route from **Gujarat to Oman**, scheduled for later this year.
- Kaundinya became a young Brahmin scholar in Kapilvastu in the Sakya kingdom of King Suddhodana. He was one among the group of scholars who were invited to the royal court to predict the destiny of Crown Prince Siddhartha at his naming ceremony.
- The Kaundinya gotra is a specific lineage or clan within the Hindu tradition, primarily associated with certain Brahmin families. It is named after the ancient sage, Rishi Kaundinya. Individuals within this gotra trace their lineage back to Kaundinya and are considered part of this particular branch of the Brahmin community.



## Operation Kagar

- In the din of Operation Sindoor, the media perhaps missed another crucial operation – **Operation Kagar**. It was launched on April 21, around the Karreguttalu hill range straddling **Telangana and Chhattisgarh**, to neutralise the **Maoists** staying in the dense forests.
- Known by various names like Kagar, Sankalp, Black Forest and Karreguttalu, the operation deployed 10,000 personnel of the CRPF the Commando Battalion for Resolute Action or **CoBRA**, the **District Reserve Guards** of the Chhattisgarh Police, the **Greyhounds of Telangana**, and also police personnel.
- Based on intelligence inputs that about 400 Maoists, including top leaders, were camping in Karreguttalu, the operation was launched covering an area of 288 sq km. The “biggest operation till date”, as stated by Home Minister Amit Shah, was monitored by top officials all the way. The CRPF Director General, G P Singh, even camped in the area till it was called off on May 11.





## REVIEW QUESTIONS

1. **What is the objective of Operation Kagar launched on April 21?**

- A. To provide humanitarian aid in flood-affected regions
- B. To neutralise Maoists in the dense forests of Telangana and Chhattisgarh
- C. To conduct naval exercises in the Bay of Bengal
- D. To rescue civilians from conflict zones

**ANSWER: B**

2. **What is the name of the Ancient Stitched ship inducted by the Indian Navy?**

- A. INSV Vikrant
- B. INSV Sagarika
- C. INSV Kaundinya
- D. INSV Surya

**ANSWER: C**

3. **Who developed India's first indigenously built Synthetic Aperture Radar (SAR) drone?**

- A. Bharat Dynamics Limited
- B. Sisir Radar
- C. HAL
- D. DRDO

**ANSWER: B**

**4. With which fighter aircraft is the miniaturised BrahMos missile system designed to be integrated?**

- A. Su-30MKI, Rafale, and Jaguar
- B. MiG-21, Tejas, and Jaguar
- C. MiG-29, Mirage 2000, and Tejas
- D. Rafale, Tejas, and Su-30MKI

**ANSWER: C**

**5. Who hosted the “Second Blue Talks” event in collaboration with the Embassies of France and Costa Rica?**

- A. Ministry of Defence
- B. Indian Navy
- C. Ministry of Earth Sciences
- D. Indian Coast Guard

**ANSWER: C**

**6. SITMEX Ex Is Done Among**

- A. India, Singapore, and Thailand
- B. India, Sri Lanka and Thailand
- C. Indonesia, Singapore, and Thailand
- D. None of the above

**ANSWER: A**

**7. Major Rank Of Indian Army Is Equivalent To Which Rank Of The Indian Navy?**

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

**ANSWER: C**

**8. Which is the 6<sup>th</sup> largest Submarine Under P75?**

- A. INS Karanj
- B. INS Vagsheer
- C. INS Kirpan
- D. INS Vela

**ANSWER: B**

**9. Where Is The Hq Of The Northern Command of The Indian Army?**

- A. Kochi
- B. Vishakhapatnam
- C. Pune
- D. Udhampur

**ANSWER: D**

**10. Prithvi Defence Vehicle Mark 2 Is A**

- A. MRBM
- B. IRBM
- C. ICBM
- D. Anti-satellite Missile Test

**ANSWER: D**

**11. Duncan Passage separates: -**

- A. Rutland Island and Little Andaman
- B. Andaman and Nicobar
- C. North and South Andaman
- D. South Andaman and little Andaman

**ANSWER: A**

**12. Speed of K-15 Sagarika Is**

- A. Mach 5.5
- B. Mach 6.5
- C. Mach 7.5
- D. Mach 8.5

**ANSWER: C**

**13. Mundra Port Is In**

- A. M.H.
- B. Kerala
- C. UP
- D. Gujrat

**ANSWER: D**

**14. Air India One Aircraft Using By**

- A. Indian President, Vice President and PM
- B. Indian President, Vice President and NSA



- C. Indian President, Vice President and Defence Minister
- D. None

**ANSWER: A**

**15. Bamako Is the Capital Of**

- A. Oman
- B. Qatar
- C. UAE
- D. Mali

**ANSWER: D**

**16. "A Better India: A Better World" Book Is Written By**

- A. Narayana Murthy
- B. Sitaram Yechuri
- C. Hew Strachan
- D. APJ Abdul Kalam

**ANSWER: A**

**17. Motto of THE MARATHA LIGHT INFANTRY REGIMENT**

- A. Parakramo Vijayate
- B. Assam Vikram
- C. Yudhaya Krit Nishchaya
- D. Duty, Honour, courage

**ANSWER: D**

**18. SIMBEX Exercise Held B/W India And\_\_\_\_?**

- A. USA
- B. South Korea
- C. Sri Lanka
- D. Singapore

**ANSWER: D**

**19. World Parakram Diwas Celebrated Every Year On**

- A. 23<sup>rd</sup> January
- B. 15th July
- C. 16th June
- D. 17th June

**ANSWER: A**

**20. Joint Exercises B/w The India and Bangladesh Is Called:**

- A. Table-Top Ex
- B. SLINEX
- C. Indra
- D. Yudha Abhyas

**ANSWER: A**