

Daily Defence Current Affairs

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Delivery of Mangrol

- 'Mangrol', the third Anti-Submarine Warfare Shallow Water Craft built by Cochin Shipyard Limited (CSL), Kochi, was delivered to Indian Navy on 21 Aug 2026.
- The ship comprises of over 80 percent indigenous content and is equipped for underwater surveillance, Anti-Submarine Warfare (ASW) operations in coastal waters, Low-Intensity Maritime Operations (LIMO), along with mine warfare capabilities.
- The ship is propelled by waterjets and equipped with state-of-the-art Torpedoes, Anti-Submarine rockets, along with advanced radars and sonars.
- Mangrol derives its name from the coastal town and minor port of 'Mangrol', located in Junagadh district of Gujarat, which is a prominent harbour for the marine fishing industry.
- The ship also encapsulates the legacy of erstwhile INS Mangrol, an Indian Naval Minesweeper which remained in service till 2004, thereby continuing the naval tradition of preserving distinguished warship names.
- The delivery of Mangrol is yet another milestone in the Indian Navy's indigenous shipbuilding journey and a reaffirmation of the Government's vision of 'Aatmanirbhar Bharat'. The ship stands as a testament to the growing strength of the indigenous defence manufacturing ecosystem.



IAF Concludes Exercises Pitch Black And Udara Shakti 2026

- IAF has successfully concluded its participation in two pivotal international flight engagements: Exercise Pitch Black 2026 in Australia and Exercise Udara Shakti 2026 in Malaysia.
- The dual-nation deployment underscored the IAF's operational reach, advanced tactical coordination, and commitment to strengthening strategic defence partnerships across the Indo-Pacific region.
- During Exercise Pitch Black 2026, hosted by the Royal Australian Air Force (RAAF), the IAF deployed its frontline Rafale aircraft to operate alongside Air Forces from over 20 participating nations.
- Executing complex Large Force Employment (LFE) missions in a high-threat, multi-domain environment, the exercise enabled seamless tactical integration, cross-learning, and enhanced interoperability among coalition partners.
- Throughout both deployments, joint operations extended beyond the cockpit to include maintenance practices, mission planning exchanges, and cultural interactions, bolstering professional camaraderie across ranks.
- The Indian Air Force remains dedicated to enhancing regional stability, fostering interoperability, and advancing collaborative security initiatives through continuous joint training engagements across the global defence community.



Bhumi Pujan for Five Expansion Projects of GRSE & YIL

- Rajnath Singh, along with West Bengal Chief Minister Suwendu Adhikari, presided over the Bhumi Pujan ceremony for three expansion projects of **Garden Reach Shipbuilders & Engineers Limited (GRSE)** and two of Yantra India Limited (YIL), worth a total investment of approximately Rs 3,500 crore.
- The GRSE facilities at Kidderpore in Kolkata, Shalimar in Howrah, and Raichak in South 24-Parganas will bolster the country's shipbuilding and ship repair capabilities, while the projects at YIL's Metal and Steel Factory in Ishapore will strengthen indigenous metallurgical and production capabilities.
- Rajnath Singh added that these projects will not only boost defence production but also generate employment opportunities for thousands of people, as well as for MSMEs and allied industries. "In a sense, the projects are heralding a new chapter in West Bengal's socio-economic progress".
- Raksha Mantri underlined that GRSE's Raichak facility would provide the capability to build warships up to 200 metres in length and enable the shipyard to bid for next-generation destroyers, while the facilities at Timber Pond in Howrah and the Damodar Complex would strengthen the shipbuilding value chain.
- **About the GRSE Projects**
- GRSE has signed lease agreements with Syama Prasad Mookerjee Port, Kolkata (SMPK), for two small shipyards lying unused on both banks of the river, as well as a 32-acre riverside property at Raichak. These new locations will allow GRSE

to build and refit warships, as well as small and medium-size commercial vessels.

- The 32-acre plot acquired by GRSE at Raichak has a 356-metre waterfront and an existing 96 metre jetty. Most importantly, it offers a draught of 8-10 metres, making it ideal for ship construction.
- **About the YIL Projects**
- Representing a combined investment of over Rs 750 crore, these two state-of-the-art projects of YIL will strengthen indigenous manufacturing capabilities for heavy ordnance, Railways, nuclear infrastructure and advanced weapon systems.
- The first facility is the Heavy Duty Hydraulic Open Die Forging Press of 3,000-Ton Capacity, complete with two integrated rail-bound manipulators. It directly replaces an aging 2,650-ton press that has been in operation since 1976.
- Beyond enhancing operational safety and precision, the 3,000-ton press offers remarkable economic and operational viability. It is projected to yield annual savings of Rs 25.58 crore by drastically cutting downtime and maintenance costs, while supporting an annual turnover of Rs 500 crore.
- With a payback period of 11 years and an Internal Rate of Return (IRR) of 7.3%, this facility guarantees long-term supply chain reliability for the Defence Forces.



MoD Achieves Indigenisation of 15,700 Defence Items

- Ministry of Defence has achieved a significant milestone by successfully indigenising more than 15,700 defence items. This accomplishment has resulted in an estimated import substitution value of about ₹9,000 crores, underscoring the scale of India's self-reliance drive in the defence sector.

- The indigenisation effort is part of the broader Aatmanirbhar Bharat initiative, which aims to reduce dependence on foreign suppliers and strengthen domestic manufacturing capabilities.
- By focusing on critical components, sub-systems, and equipment, the Ministry has ensured that frontline platforms such as fighter aircraft, helicopters, tanks, warships, missiles, radars, and sonars are increasingly sustained by indigenous supply chains.
- The SRIJAN Portal, launched in 2020, has played a pivotal role in this transformation. More than 33,000 defence items have been listed for indigenisation, with over 15,700 already indigenised.
- This demonstrates steady progress in building domestic capacity and highlights the growing participation of Defence Public Sector Undertakings, private companies, MSMEs, and Start-Ups in the defence ecosystem.
- The estimated ₹9,000 crores in import substitution reflects not only financial savings but also strategic autonomy. By reducing reliance on external suppliers, India has mitigated risks associated with global supply chain disruptions and geopolitical uncertainties.



INS Sudarshini Arrives In Lisbon

- The Indian Navy's sail training ship, INS Sudarshini, arrived at Lisbon, Portugal on 22 Aug 2026, as part of her ongoing Lokayan 26 transoceanic expedition.
- During the port call, the ship's crew and trainees will participate in professional exchanges, cross-deck visits, and cultural engagements with Portuguese naval leadership, local authorities, and the Indian diaspora.

- The visit to Lisbon marks the ship's 15th port visit in seven months of voyage, reaffirming India's enduring maritime connect and spirit of goodwill across the globe.
- As part of Lokayan 26, INS Sudarshini continues to carry the message of friendship, cooperation and camaraderie strengthening bonds with partner nations.



REVIEW QUESTIONS

1. Which Indian Navy vessel was delivered on 21 August 2026?

- A. INS Sudarshini
- B. Mangrol
- C. INS Vikrant
- D. INS Chennai

Answer: B. Mangrol

2. Mangrol has more than what percentage of indigenous content?

- A. 60%
- B. 70%

- C. 80%
- D. 90%

Answer: C. 80%

3. Mangrol is primarily designed for which type of warfare?

- A. Air-to-Air Warfare
- B. Anti-Submarine Warfare
- C. Cyber Warfare
- D. Electronic Warfare

Answer: B. Anti-Submarine Warfare

4. Exercise Pitch Black 2026 was hosted by which country?

- A. Malaysia
- B. Japan
- C. Australia
- D. Singapore

Answer: C. Australia

5. Which Indian fighter aircraft participated in Exercise Pitch Black 2026?

- A. Tejas
- B. MiG-29
- C. Rafale
- D. Su-30MKI

Answer: C. Rafale

6. How many defence items have been successfully indigenised according to the article?

- A. More than 10,000
- B. More than 12,500
- C. More than 15,700
- D. More than 20,000

Answer: C. More than 15,700

7. What is the estimated import substitution value achieved through defence indigenisation?

- A. ₹5,000 crore
- B. ₹7,500 crore

- C. ₹9,000 crore
- D. ₹12,000 crore

Answer: C. ₹9,000 crore

8. INS Sudarshini arrived at which city on 22 August 2026?

- A. Lisbon
- B. Athens
- C. Paris
- D. Rome

Answer: A. Lisbon

9. What does the Transfer of Technology agreement b/w HAL and National Aerospace Laboratories focus on?

- A. Manufacture of agricultural equipment
- B. Production of renewable energy systems
- C. Development of automotive parts
- D. Manufacture of the Bismaleimide Engine Bay Door for Light Combat Aircraft Tejas Mk1A

ANSWER: D

10. Who Becomes First Woman Subedar Of Indian Army?

- A. Havildar Preeti Rajak
- B. Havildar Sucheta
- C. Havildar Neha Tyagi
- D. None

ANSWER: A

11. Exercise 'SADA TANSEEQ' Conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. SAUDI ARABIA

ANSWER: D

12. INS Karmuk Is A

- A. Destroyer
- B. Missile Corvette

- C. Submarine
- D. Tank

ANSWER: B

13. Combat Air Teaming System (CATS) Is An Indian Unmanned & Manned Combat Aircraft Air Teaming System Developed By

- A. HAL**
- B. DRDO**
- C. JAXA**
- D. Boeing**

ANSWER: A

14. Ex 'Ekuverin' Conducted B/W India &

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

ANSWER: D

15. Safran Manufactures Aircraft Engines, Rocket Engines MNC Comes From

- A. Germany
- B. France
- C. Nepal
- D. UK

ANSWER: B

16. 'Praia' Is The Capital Of

- A. Costa Rica
- B. Comoros
- C. Cameroon
- D. Cape Verde

ANSWER: D

17. "Roller Coaster: An Affair with Banking" Book Written By

- A. Tamal Bandyopadhyay
- B. Ranjan Gogoi
- C. Manish Tiwari
- D. Neha Sharma

ANSWER: A

18. UNDP Was Established In

- A. 1965
- B. 1975
- C. 1985
- D. 1995

ANSWER: A

19. Lamitye Exercise Held B/W India And____?

- A. Thailand
- B. USA
- C. Qatar
- D. Seychelles

ANSWER: D

20. War Cry of THE MAHAR REGIMENT

- A. Bharat Mata ki Jai
- B. Bolo Hindustan Ki Jay
- C. Jai Hind
- D. Durga Mata Ki Jai

ANSWER: B