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Defence Current Affairs

22 September 2022

Indian Navy Will Be Completely 'Atmanirbhar' By 2047: Admiral R Hari Kumar

- From production of ships and submarines to spare parts and weapons, the Indian Navy will be "completely" self-reliant by 2047, CONS asserted on Tuesday. At a defence conclave, he said there was much to learn from the Russia-Ukraine conflict which witnessed the use of new technologies, cyberspace and all sorts of precision ammunition.
- "By 2047, we will have a complete indigenous Navy, whether it be ships, or submarines, aircraft, unmanned systems, weapons, the entire complex. Indian Navy had embarked on its "Indianization drive" in 1961 when INS Ajay, the first small patrol boat, was indigenously made in India, he said.
- "We will be complete 'Atmanirbhar' Navy. That is what we are targeting," Admiral Kumar said replying to questions at the India Defence Conclave 2022.
- Asked if the supply chain of the Indian Navy was affected due to the Russia-Ukraine conflict, he said, "As of now, we are not hard pressed. We have adequate stock of spares. There has been no let-up in our deployment of ships or aircraft today. We have taken steps to get help from our own industry.



MOD Signs MoU with BOB & HDFC Bank

- The Defence Accounts Department signed an MoU with BOB and HDFC Bank, to onboard them as Service Centres under the **System for Pension Administration (Raksha) (SPARSH)** initiative, across more than 14,000 branches throughout India.
- Defence Secretary Dr Ajay Kumar said that the objective is to bring 17 Lakh pensioners out of the total 32 lakh defence pensioners on SPARSH by the end of September 2022 and the remaining pensioners will be brought to SPARSH at the earliest. He said that the average time in pension settlement has come down significantly to about 16 days.
- SPARSH is a web-based system for processing the pension claims and crediting the pension directly into the bank accounts of defence pensioners without any external intermediary. It has been designed to give Defence Pensioners a transparent view of their pension account, through an online portal.
- The MoU will onboard more than 7900 branches of Bank of Baroda and 6300 branches of HDFC Bank as Service Centres to provide last mile connectivity to pensioners, especially those who live in remote areas of the country and those who do not have the means or technical wherewithal to logon to SPARSH. For these pensioners, the Service Centers will become an interface for SPARSH and provide an effective medium for pensioners to perform profile update requests, register grievances and seek redressal, digital annual identification, pensioner data verification or also simply fetch detailed information regarding their monthly pension.
- These centres would further augment the existing network of more than 161 DAD offices and nearly 800 Service Centres provided by State Bank of India and Punjab National Bank branches, and 14 branches of the Kotak Mahindra Bank.
- More than 4.5 lakh Village Level Entrepreneurs (VLEs) will also assist Defence Pensioners, as part of the Common Service Centres (CSC) network. The access to these service centers would be provided free of cost to the pensioners, with nominal service charges being borne by the Department.

- This system is administered by the Defence Accounts Department through the Principal Controller of Defence Accounts (Pensions), Prayagraj and caters to all the three Services and allied organization. The system on roll-out is initially catering to the new retirees and subsequently is being extended to cover the existing defence pensioners.



SSBCrack
EXAMS

Indian Coast Guard Inducts ‘Samarth’

- ICG on Tuesday inducted ‘Samarth’ in its fleet here, to strengthen the coastal security mechanism. ICGS Samarth is a 105-meter-long ship and can attain a maximum speed of 23 knots (approx 43 Kmph).
- “The ship is equipped with an integrated bridge management system (IBMS), integrated platform management system (IPMS), power management system (PMS) and a high-power external firefighting (EFF) system “.
- The ship is designed to carry a twin engine helicopter and four high speed boats, including two inflatable boats for boarding operations, search and rescue, law enforcement and maritime patrol. The ship has a modern surveillance system and has the power to contain oil spills in the sea.
- The impetus on coastal security has gone up many fold and regular meetings are held among the stakeholders to bridge any gap in coastal security, the release said. Coast Guard had been augmenting her resources in Kerala coast for making

a full proof security blanket. In the recent past, a new capital ship Saksham joined the Coast Guard fleet in Kerala.



Pentagon Will Unveil The New B-21 Raider Stealth Bomber In The First Week Of December

- The US Air Force will unveil its next-generation stealth bomber, the B-21 Raider, during the first week of December, lifting the tight cloak of secrecy that has surrounded the aircraft's development.
- The bomber, which will be nuclear-capable, will cost about \$639 million per plane, and the Pentagon plans to buy at least 100 of them to complement and eventually replace the aging B-2 Spirit.

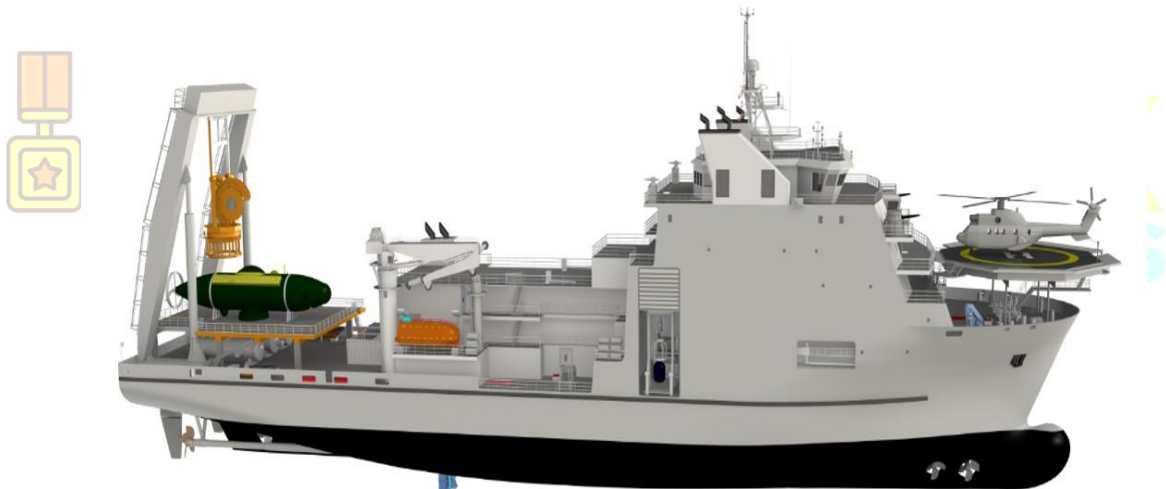
- ‘The B-21 is the most advanced military aircraft ever built and is a product of pioneering innovation and technological excellence,’ said Northrop Grumman exec Doug Young in a statement.
- Six B-21 test aircraft are in various stages of final assembly Northrop Grumman’s Palmdale plant, and the first test flight is projected for 2023.
- The exact date of the unveiling in early December has not yet been fixed, and officials say that the event will be invitation-only.
- Last July, the Air Force released the latest photo-realistic concept image of the B-21, which is the most recent rendering available of the aircraft.
- Unlike previous concepts of the bomber, which were released in 2020, this image has a more defined beak at the front and a slanted window for the main cockpit windows.
- The larger B-2 has four windows that go around the front of the cockpit.
- The image also shows the bomber taking off from Edwards Air Force Base in California, where it is expected to receive testing in the coming years.
- The classified plane is still under development by the military and is part of the Long-Range Strike Bomber program (LRS-B).



Curtain Raiser: Launch of Two Diving Support Vessels

- Two Diving Support Vessels (Nistar & Nipun) being built by Hindustan Shipyard Ltd, Vishakhapatnam for the Indian Navy, are scheduled to be launched on 22 Sep 22. Admiral R Hari Kumar, Chief of the Naval Staff, will be the Chief Guest at the launching ceremony.

- The Diving Support Vessels (DSVs) are first of the kind, ships indigenously designed and built at HSL for the Indian Navy. The vessels are 118.4 metres long, 22.8 m at the broadest point and will have a displacement of 9,350 tons.
- With approximately 80 % indigenous content, the DSV project has generated considerable local employment opportunities and has also promoted indigenisation which in turn will aid in boosting India's economy.
- **What Is A Diving Support Vessel?**
- As the name suggests, a diving support vessel is a ship that helps people dive into the ocean. Professional divers who go diving in the middle of the ocean need the right diving equipment. A dive support vessel like this one gives this important help.
- **What Is The Purpose Of A Diving Support Vessel?**
- DSV is made for diving operations below and around oil production platforms and other related installations in open water. These boats are used to fix things underwater, inspect them, build things, fix wells, and do other things.



ARMY CONDUCTS CYCLING EXPEDITIONS IN HIGH ALTITUDE

- On the occasion of 196th Gunners' Day and Azadi Ka Amrit Mahotsav, a high-altitude cycling expedition was undertaken by troops of the Strategic Strikers Division on behalf of the Regiment of Artillery.
- A team of one officer and seven other ranks led by Colonel Sripada Sriram, commenced the expedition from Rezang La War Memorial on 15 September

2022 and completed it successfully in Dras war memorial on 21 September 2022.

- The expedition covered a total distance of approximately 538 kilometers in seven days over the rough & challenging terrain of Eastern Ladakh. The route went over two passes - Fotu La and Namika La and major places touched upon along the route were Nyoma, Karu, Nurla, Kargil and Dras.
- This cycling expedition stands as a testimony to the unwavering spirit of the Gunners and has also acted as an impetus to fuel the spirit of adventure amongst the troops.



REVIEW QUESTIONS

1. B-21 Raider Is A

- A. Helicopter
- B. Machine Gun
- C. UAV
- D. Bomber

ANSWER: D

2. Which Ship Of ICG Commissioned Recently?

- A. Samarth
- B. Ajay

- C. Veer
- D. Sahas

ANSWER: A

3. Which Country Is Not The Member of Quad?

- A. USA
- B. China
- C. Japan
- D. Australia

ANSWER: B

4. INS Tarangini Is A Called:

- A. Helicopter
- B. Sailing Ship
- C. UAV
- D. None of the above

ANSWER: B

5. No. 51 Squadron Of IAF Is Also Known As

- A. Firing Bullets
- B. Sword Arms
- C. Fire and Fury
- D. Always Alert

ANSWER: B

6. Ex PRABAL DOSTYK Conducted B/W India And

- A. France
- B. China
- C. Kazakhstan
- D. Kyrgyzstan

ANSWER: C

7. IMAC Stands For

- A. Information Management and Analysis Centre
- B. Information Management and Analog Centre
- C. Information Manage and Analysis Centre
- D. Informal Management and Analysis Centre

ANSWER: A

8. Q.M.HAV Stands For

- A. Quarter Havildar
- B. Quartermaster Havildar
- C. Quartermaster Hawadar
- D. None of the above

ANSWER: B

9. Army Education Corps (AEC) Is Located At

- A. Imphal
- B. Pachmarhi
- C. Patiala
- D. Vairengte

ANSWER: B

10. India Purchased Kamov Ka-27 From

- A. USA
- B. UK
- C. Russia
- D. France

ANSWER: C

11. Where Is The Hq Of The Southern Command of The Indian Navy?

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

ANSWER: A

12. What Is The Ranking Of The IAF In The World Directory of Modern Military Aircraft (WDMMA)?

- A. 1st
- B. 2nd
- C. 3rd
- D. 4th

ANSWER: C

13. "Balidanam Vir Lakshanam" Is The Motto Of

- A. JKLI
- B. THE MAHAR REGIMENT
- C. THE BIHAR REGIMENT
- D. None of the above

ANSWER: A

14. Suva Is The Capital Of

- A. Gabon
- B. Fiji
- C. Finland
- D. Maldives

ANSWER: B

15. "The Maverick Effect" Book Is Written By

- A. Ashwini Shrivastava
- B. Sitaram Yechuri
- C. Harish Mehta
- D. Rajesh Talwar

ANSWER: C

16. Accuracy International Arctic Warfare Magnum Is A

- A. UAV
- B. Sniper Rifles
- C. Tank
- D. Transport Aircraft

ANSWER: B

17. Which Country Has the Maximum Nuclear Warheads?

- A. UK
- B. Russia
- C. USA
- D. China

ANSWER: B

18. CAIR Stands For

- A. Centre for Artificial Intelligence & Robotics
- B. Centre for Artificial Intelligent & Robotics
- C. Centre for Artillery Intelligence & Robotics

D. Centre form Artificial Intelligence & Robotics

ANSWER: A

19. “Naam Namak Nishaan” Is The Motto Of

A. THE GRENADIERS

B. RR

C. Sikh Regiment

D. Gorkha Regiment

ANSWER: A

20. IPCC Stands For

A. Intergovernmental Panel on Climate Challenge

B. Intergovernmental Panel on Cloud Change

C. Intergovernmental Pan on Climate Change

D. Intergovernmental Panel on Climate Change

ANSWER: D



