Indian Coast Guard Ship Adamya Commissioned at Paradip Port – UPSC Notes

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Introduction

The commissioning of **ICGS Adamya** at **Paradip Port (Odisha)** marks an important milestone for India's coastal security, indigenous defence production, and the "Make in India" initiative.

□□ Key Facts about ICGS *Adamya*

1. **Type of Vessel**:
    - *Fast Patrol Vessel (FPV)*.
    - First in a series of **8 Adamya-class FPVs**.
2. **Builder**:
    - Designed & built by **Goa Shipyard Limited (GSL)**.
    - Over **60% indigenous content**, aligning with *Atmanirbhar Bharat*.
3. **Base Location**:
    - Paradip (Odisha).
    - Under operational & administrative control of:
        - **Commander, Coast Guard Region (North East)**, through **District Headquarters No. 7 (Odisha)**.
4. **Commanding Officer**:
    - Commandant **Anurag Pandey**.
5. **Crew Strength**:
    - 5 Officers + 34 Personnel.

⚙ Technical Specifications

- **Length**: 51 metres.
- **Displacement**: ~320 tonnes.
- **Engines**: Two 3,000 KW diesel engines.
- **Speed**: Maximum **28 knots**.
- **Endurance**: **1,500 nautical miles** at economical speed.
- **Special Feature**: First ICG ship fitted with **indigenously developed Controllable Pitch Propellers (CPP)** and gearboxes.
    - Ensures superior manoeuvrability, flexibility, and enhanced performance at sea.

□□ Weapon Systems

- **Main Gun**: 30 mm **CRN-91 Gun**.
- **Secondary Weapons**: Two **12.7 mm Stabilised Remote-Controlled Machine Guns (SRCMGs)**.
- **Support Systems**: Fire Control Systems for accuracy and effectiveness.

□□ Advanced Systems Onboard

- **Integrated Bridge System (IBS)**.
- **Integrated Platform Management System (IPMS)**.
- **Automated Power Management System (APMS)**.
  □□ These systems enhance **automation, operational efficiency, and real-time monitoring**.

□□ Strategic Significance

1. **Coastal Security**: Strengthens surveillance and rapid response in the Eastern seaboard, especially Odisha coast.
2. **Make in India**: Over 60% indigenous content and indigenous propellers highlight self-reliance.
3. **Technological Leap**: First ICG ship with indigenously designed **CPP & gearboxes**.

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4. **Maritime Domain Awareness**: Enhances India’s capability to monitor **Bay of Bengal and Indian Ocean Region (IOR)**.

5. **Force Multiplier**: Improves operational readiness of the Coast Guard against **smuggling, illegal fishing, infiltration, and disaster relief**.

□□ Commissioning Ceremony

- Venue: **Paradip Port, Odisha**.
- Distinguished Guests:
    - **Satyajit Mohanty**, Joint Secretary, Ministry of Defence.
    - **Yoginder Dhaka**, Inspector General, Headquarters Eastern Seaboard.

□□ Relevance for UPSC Aspirants

□□ Prelims Pointers

- Builder: **Goa Shipyard Limited (GSL)**.
- First ICG ship with **indigenous CPP**.
- Length: **51 m** | Displacement: **320 tonnes** | Speed: **28 knots**.
- Weapons: **30 mm CRN-91**, **12.7 mm SRCMGs**.
- Base: **Paradip, Odisha**.

□□ Mains Relevance (GS-III: Security / Technology / Economy)

- Strengthening **maritime security**.
- Promoting **indigenous defence manufacturing**.
- Strategic importance of **Eastern seaboard & Bay of Bengal**.
- Link with **blue economy, coastal security, and disaster response**.

Possible UPSC Questions

Prelims MCQ:
Q. Recently, the Indian Coast Guard ship *Adamya* was in news. Which of the following statements are correct?

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1. It has been designed and built by Mazagon Dock Shipbuilders Ltd.
2. It is the first ICG ship fitted with indigenous Controllable Pitch Propellers.
3. It will be based at Paradip Port, Odisha.

Options:
a) 1 and 2 only
b) 2 and 3 only
c) 1 and 3 only
d) 1, 2 and 3

Mains Question (GS-III, 150 words):
“Discuss the significance of commissioning indigenous ships like *ICGS Adamya* in strengthening India’s coastal security and promoting self-reliance in defence manufacturing.”

 This structured, **point-wise breakdown** makes the news **UPSC-friendly** and covers **factual, analytical, and exam-oriented aspects**.

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