

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
RAJYA SABHA
UNSTARRED QUESTION NO. 959
ANSWERED ON 03.12.2024

MARITIME AMRIT KAAL VISION 2047

959. SHRI JAGGESH:

Will the Minister of PORTS, SHIPPING AND WATERWAYS be pleased to state:

- (a) whether fresh improvements are being planned by Government to supplement targets defined under the Maritime India Vision 2030 and works towards the Maritime AmritKaal Vision 2047;
- (b) whether new technologies and sectors have emerged since the Vision 2030 goals were defined;
- (c) if so, the details thereof; and
- (d) the timeframe for implementing the proposed improvements, the details thereof?

ANSWER

MINISTER OF PORTS, SHIPPING AND WATERWAYS
(SHRI SARBANANDA SONOWAL)

(a) to (d) The Ministry of Ports, Shipping and Waterways has introduced several new initiatives to advance the goals of the Maritime India Vision 2030 (MIV 2030) and Maritime Amrit Kaal Vision 2047 (MAKV 2047), details of which are given at **Annexure I**. A few technological advancements and other initiatives are given in **Annexure II**.

Details of new initiatives

1. Port Modernization and Maritime Infrastructure Expansion:

- Two new Major Mega Ports -Vadhavan and Galathea Bay,
- Deep draft ports – Deendayal Port Authority (Kandla), Vadhavan, V.O Chidambaranar Port Authority (Tuticorin), Galathea Bay, Paradip Port Authority would enable handling bigger vessels (Panamax, Cape size), and Transshipment Hubs at Galathea would lead to substantial capacity addition.
- Modernization and digitalization of Port operations planned to improve Vessel TAT and Ship Berth Day productivity enabling throughput enhancement.
- Augment multimodal port connectivity under the Comprehensive Port Connectivity Plan
- Operationalization of six new National Waterways.

2. Shipbuilding and Repair Enhancement:

- A revamped Shipbuilding and Ship Repair Policy under formulation to improve domestic capacity.
- 4 Shipbuilding and Ship Repair Clusters planned: This includes fostering an integrated approach for modernizing shipyards to attract investment and generate employment.

3. Green Initiatives and Sustainability:

- “Harit Sagar” Green Port Guidelines launched to reduce carbon intensity and develop an environment friendly ecosystem at Major Ports.
- 3 Major Ports-Deendayal Port Authority, Paradip Port Authority and V.O. Chidambaranar Port Authority are being developed as Green Hydrogen/Ammonia Hubs under National Hydrogen Mission.
- Green Tug Transition Programme (GTTP) for transition from conventional fuel-based harbour tugs to greener, more sustainable alternatives.
- Harit Nauka Guidelines for Green transition of Inland Waterways based transportation ecosystem.

4. Cruise Tourism:

- Cruise Bharat Mission, launched in September 2024, aims to double cruise passenger traffic in the country by 2029.
- Development of six new international cruise terminals to boost tourism and position India as a major global cruise destination.

5. Skill Development and Collaboration:

- Focus on skilling initiatives and support MSMEs in shipbuilding

- Attract seafarers for academic positions in Maritime Universities and Training Institutes

Annexure II

Details of technological advancements and other initiatives

1. Technological Advancements and Digital Transformation:

- Use of Very High Frequency (VHF) channels for different activities such as marine navigation and traffic control.
- Centralized Project Management System to monitor all Capex projects
- Implementation of Smart Communication Systems
- National Logistics Portal (NLP) Marine 2.0 and Maritime Single Window (“MSW”) (by 2026)
- E-Samudra project for vessel registration, survey and certification
- National River Navigation and Traffic System (by 2027)
- IT platform for National inland vessels and crew registry (by 2026)
- Automated allotment of berths using Artificial Intelligence and Machine Learning and advanced analytics-based yard management (by 2025)

2. Green Shipping and Sustainability Initiatives:

- Support to shipyards for being compliant with Hong Kong Convention (on environmentally sustainable recycling) by 2026.
- Development of 5 Green Hydrogen/Ammonia hubs and 1000+ Green Vessel in the country by 2029
