

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 2876
ANSWERED ON 17.03.2026

INFRASTRUCTURE CREATED UNDER JMVP

2876. SHRI RAJIB BHATTACHARJEE:
SHRI NARAYANA KORAGAPPA:
SHRI ASHOKRAO SHANKARRAO CHAVAN:

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

- (a) the details of infrastructure created under the Jal Marg Vikas Project (JMVP) on National Waterway-1 (NW-1), including multimodal and inter-modal terminals developed so far;
- (b) the details of the Dredging Management Plan (DMP) implemented for augmentation of fairway capacity on NW-1;
- (c) the stretch-wise status of fairway development and maintenance works awarded under the Project;
- (d) the year-wise cargo movement on National Waterway-1 since 2014-15 and the percentage increase achieved; and
- (e) the measures taken to further enhance vessel capacity, cargo throughput and private sector participation under JMVP?

ANSWER

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

(a) The details of infrastructure created under Jal Marg Vikas Project (JMVP) on National Waterway-1 (NW-1) is at **Annexure**.

(b) & (c) As per the Dredging Management Plan (DMP), the following Least Assured Depth (LAD) and bottom channel width are to be maintained across NW-1:

- (i) Haldia to Barh:
 - o Depth: 3.0 metres
 - o Bottom width: 45 metres

(ii) Barh to Ghazipur:

- Depth: 2.5 metres
- Bottom width: 45 metres

(iii) Ghazipur to Varanasi:

- Depth: 2.2 metres
- Bottom width: 45 metres

The stretch wise status of fairway development and maintenance works awarded under JMVP is as under:

S No.	Stretch	Type of dredging contract	Work awarded on
1	Varanasi-Ghazipur (130 Km)	Quantity based	21.01.2025
2	Majhaua – Ghazipur (115 km)	Quantity based	28.06.2024
3	Digha – Majhaua (95 km)	Quantity based	31.01.2024
4	Barh -Digha (74 km)	Quantity based	09.05.2024
5	Sultanganj - Mahendrapur – Barh	Performance (LAD) based	25.10.2024
6	Farakka- Kahalgaon (146 km)	Performance (LAD) based	08.03.2024
7	Farakka - Katwa (199 km)	Performance (LAD) based	08.03.2024
8	Katwa - Tribeni (152 km)	Performance (LAD) based	15.03.2024
9	Haldia Access Channel (Deposit basis)	Quantity based	05.08.2024
10	Kalughat Access Channel	Quantity based	Being maintained departmentally

(d) Details of cargo movement on National Waterway-1 since 2014-15 are given below:

National Waterways (NW)	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Cargo Movement [in Million Metric Tonne (MMT)]	5.05	6.48	4.89	5.48	6.79	9.11	9.21	10.93	13.17	12.82	16.38
Compounded Annual Growth Rate during 2014-15 to 2024-25	12.49%										

(e) Measures taken to enhance vessel capacity, cargo throughput and private sector participation under JMVP includes:

- (i) Low draft with high carrying capacity vessels (tug-barge combination) vessels have been procured.
- (ii) Infrastructures have been developed as given at Annexure.
- (iii) Modern navigation infrastructure including River Information System (RIS), Differential Global Positioning System (DGPS), Navigation Aids viz. channel marking and night navigation aids have been provided.
- (iv) Jalvahak scheme is being implemented to provide incentives to promote the utilization of Inland Waterways Transport (IWT) Sector by cargo owners and for establishing Schedule Services for cargo movement on NW-1 and NW-2 via Indo-Bangladesh Protocol (IBP) route.
- (v) Multimodal Terminal (MMT) Haldia, Intermodal Terminal (IMT) Kalughat and G.R. Jetty on NW-1 are being operated by private entities on Public-Private Partnership (PPP) model.
- (vi) Fairway maintenance under progress to provide LAD of about 2.2–3.0 m and adequate channel width to enable navigation of 1,500–2,000 DWT vessels.

Annexure referred to in reply to part (a) & (e) of Rajya Sabha Starred Question No. 2876 for 17/03/2026.

The details of infrastructure developed under JMVP

1. Multimodal Terminals (MMTs)
 - MMT Varanasi (1.26 MTPA): Connected to National Highway (NH)-7
 - MMT Sahibganj (3.03 MTPA): Connected to NH-80
 - MMT Haldia (3.08 MTPA): Connected to NH-41

2. Intermodal Terminal at Kalughat (77000 TEU) : Connected to NH 27

3. New Navigational Lock, Farakka (West Bengal)

4. Community Jetties;
 - Uttar Pradesh – 15 nos.
 - Bihar – 21 nos.
 - Jharkhand – 2 nos.
 - West Bengal – 22 nos.

6. Onshore facilities at Community Jetty locations
 - Uttar Pradesh – 08 nos.

7. Quick Pontoon Opening Mechansim (QPOM)
 - Uttar Pradesh – 01 nos.
 - Bihar – 01 nos.
