

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO. 2155
ANSWERED ON 10/12/2021

INTER-STATE RIVER WATERWAYS

2155. SHRI B. B. PATIL:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) whether the Government has formulated a scheme to promote inter-State river waterways;
- (b) if so, the details thereof;
- (c) whether the Government has invited domestic and foreign investment for development of river routes of Ganga/Yamuna and their tributaries; and
- (d) if so, the details thereof?

ANSWER

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

(a) & (b) To promote Inland Water Transport (IWT) in the country, 111 waterways (including 5 existing and 106 new) have been declared as National Waterways (NWs) under the National Waterways Act, 2016. Out of 111 NWs, 28 NWs are inter-State NWs as detailed at **Annex-I**.

Based on the outcome of techno-economic feasibility and Detailed Project Reports (DPRs) of the NWs, 25 NWs have been found viable by Inland Waterways Authority of India (IWAI) for cargo movement/ tourism purpose. Development activities have been initiated in the 13 NWs. The list of the 25 NWs is at **Annex-II**.

(c) & (d) Jal Marg Vikas Project (JMVP) for capacity augmentation of NW-1 (River Ganga) on the Haldia-Varanasi stretch (1390 km) has been taken up with the technical and financial assistance of the World Bank at a revised estimated cost of Rs. 4633.81 crore to provide an assured depth of 2.2 to 3.0 meters and a bottom width channel of 45 meters to make it navigable for at least 330 days in a year for vessels up to 1500 - 2000 Dead Weight Tonnage. Details is at **Annex-III**.

List of Inter-State National Waterways

| Sl. No | National Waterway No. | Length (km) | Details of Waterways | STATES |
|--------|-----------------------|-------------|--|--|
| 1 | National Waterway 1 | 1620 | Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad) | Uttar Pradesh, Bihar, Jharkhand & West Bengal |
| 2 | National Waterway 4 | 50 | Kakinada Canal (Kakinada to Rajahmundry) | Andhra Pradesh, Telangana, Chhattisgarh, Karnataka, Tamil Nadu, Pondichery and Maharashtra |
| | | 171 | Godavari river (Bhadrachalam to Rajahmundry) | |
| | | 139 | Eluru Canal (Rajahmundry to Vijayawada) | |
| | | 157 | Krishna river (Wazirabad to Vijayawada) | |
| | | 113 | Commamur Canal (Vijayawada to Peddaganjam) | |
| | | 316 | North Buckingham Canal (Peddaganjam to Central Station of Chennai) | |
| | | 110 | South Buckingham canal (Central Station of Chennai to Marakanam) | |
| | | 22 | Marakanam to Puducherry through Kaluvelly tank | |
| | | 1202 | River Godavari (Bhadrachalam - Nashik) | |
| 3 | National Waterway 5 | 636 | River Krishna (Wazirabad - Galagali) | Odisha and West Bengal |
| | | 256 | East Coast Canal and Matai river | |
| | | 265 | Brahmani-Kharsua-Dhamra rivers | |
| | | 67 | Mahanadi delta rivers (Consisting of Hansua river, Nunanala, Gobrinala, Kharnasi river and Mahanadi river) | |
| 4 | National Waterway 13 | 11 | Avm Canal | Kerala & Tamil Nadu |
| 5 | National Waterway 17 | 189 | Beas River | Himachal Pradesh & Punjab |
| 6 | National Waterway 21 | 139 | Bheema River | Karnataka & Telangana |
| 7 | National Waterway 26 | 51 | Chenab River | Jammu & Kashmir |

| Sl. No | National Waterway No. | Length (km) | Details of Waterways | STATES |
|--------|-----------------------|-------------|---------------------------------------|--|
| 8 | National Waterway 37 | 296 | Gandak River | Bihar & Uttar Pradesh |
| 9 | National Waterway 38 | 62 | Gangadhar River | Assam & West Bengal |
| 10 | National Waterway 40 | 354 | Ghaghra River | Bihar & Uttar Pradesh |
| 11 | National Waterway 45 | 650 | Indira Gandhi Canal | Punjab , Haryana & Rajasthan |
| 12 | National Waterway 46 | 35 | Indus River | Jammu & Kashmir |
| 13 | National Waterway 48 | 590 | Jawai-Luni-Rann Of Kutch River System | Gujarat & Rajasthan |
| 14 | National Waterway 49 | 110 | Jhelum River | Jammu & Kashmir |
| 15 | National Waterway 50 | 43 | Jinjiram River | Assam & Meghalaya |
| 16 | National Waterway 54 | 86 | Karnasa River | Bihar & Uttar Pradesh |
| 17 | National Waterway 62 | 86 | Lohit River | Assam & Arunachal Pradesh |
| 18 | National Waterway 70 | 245 | Manjara River | Maharashtra & Telangana |
| 19 | National Waterway 73 | 226 | Narmada River | Maharashtra & Gujarat |
| 20 | National Waterway 78 | 262 | Penganga - Wardha River System | Maharashtra & Telangana |
| 21 | National Waterway 84 | 44 | Ravi River | Jammu & Kashmir, Himachal Pradesh & Punjab |
| 22 | National Waterway 96 | 311 | Subarnrekha River | Jharkhand, West Bengal & Odisha |
| 23 | National Waterway 98 | 377 | Sutlej River | Himachal Pradesh & Punjab |
| 24 | National Waterway 100 | 436 | Tapi River | Maharashtra & Gujarat |
| 25 | National Waterway 102 | 87 | Tilang (Dhaleswari River) | Assam & Mizoram |
| 26 | National Waterway 104 | 232 | Tungabhadra River | Karnataka, Telangana & Andhra Pradesh |
| 27 | National Waterway 109 | 166 | Wainganga - Pranahita River System | Maharashtra & Telangana |
| 28 | National Waterway 110 | 1080 | Yamuna River | Delhi, Haryana & Uttar Pradesh |

**LIST OF 25 NATIONAL WATERWAYS FOUND FEASIBLE FOR CARGO/ PASSENGER
MOVEMENT**

| Sl. No | National Waterway No. | Details of Waterways | STATES | Status |
|--------|-----------------------|---|---|--|
| 1 | National Waterway 1 | Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad) | Uttar Pradesh, Bihar, Jharkhand & West Bengal | Development taken up with Assistance from World Bank Jal Marg Vikas Project |
| 2 | National Waterway 2 | Brahmaputra River (Dhubri - Sadiya) | Assam | Development taken up as per approved SFC for FY 20-21 to 2024-25 |
| 3 | National Waterway 16 | Barak River | Assam | |
| 4 | National Waterway 3 | West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals | Kerala | Mostly Operational Waterways and development and maintenance work taken up. |
| 5 | National Waterway 4 | Krishna River (Vijayawada – Muktyala) | Andhra Pradesh | |
| 6 | National Waterway 5 | Dhamra-Paradio via Mangalagadi to Pankopal | Odisha | |
| 7 | National Waterway 8 | Alappuzha-Changanassery Canal | Kerala | |
| 8 | National Waterway 9 | Alappuzha-Kottayam – Athirampuzha Canal | Kerala Alternate route: 11.5km | |
| 9 | National Waterway 27 | Cumberjua River | Goa | |
| 10 | National Waterway 68 | Mandovi River | Goa | |
| 11 | National Waterway 86 | Rupnarayan River | West Bengal | |
| 12 | National Waterway 97 | Sunderbans Waterway | West Bengal | |
| 13 | National Waterway 111 | Zuari River | Goa | |
| 14 | National Waterway 10 | Amba River | Maharashtra | Projects at appraisal stage. |
| 15 | National Waterway 40 | Ghagra River | Bihar | |
| 16 | National Waterway | Ichamati River | West Bengal | |

| Sl. No | National Waterway No. | Details of Waterways | STATES | Status |
|--------|-----------------------|--|-----------------------|---|
| | 44 | | | |
| 17 | National Waterway 52 | Kali River | Karnataka | |
| 18 | National Waterway 57 | Kopili River | Assam | |
| 19 | National Waterway 25 | Chapora River | Goa | |
| 20 | National Waterway 37 | Gandak River | Bihar | |
| 21 | National Waterway 28 | Dabhol Creek Vasisti River | Maharashtra | Substantial cargo moves in tidal waters/river mouth under respective State maritime board. No interventions are contemplated by IWAI as of now. |
| 22 | National Waterway 73 | Narmada River | Maharashtra & Gujarat | |
| 23 | National Waterway 85 | Revadanda Creek - Kundalika River System | Maharashtra | |
| 24 | National Waterway 94 | Sone River | Bihar | |
| 25 | National Waterway 100 | Tapi River | Maharashtra & Gujarat | |

Details of Jal Marg Vikas Project (JMVP) on NW-1 as on 30.11.2021 :

1. The Jal Marg Vikas Project (JMVP) has achieved an overall financial progress of about 42.20% of the revised cost of JMVP and the physical progress is about 42.99%. Present status of major civil works is as under:
 - Constructions of multi-modal terminals at Varanasi and Sahibganj have been completed.
 - Construction of the multimodal terminal at Haldia and the Navigational Lock at Farakka have achieved substantial progress with 97.33% and 90.50% respectively.
 - Contracts for providing Least Assured Depth of 3 m and bottom channel width of 45 m on the stretch between Farakka – Kahalgaon, Sultanganj-Mahendrapur and Mahendrapur-Barh have been awarded on 09th April, 2018, 12th April, 2019 and 12th April, 2019 respectively.
 - Dredging Management Plan (DMP) in consultation with Expert Committee including NTCPWC, IIT Madras has been prepared and approved by IWAI Board for implementation.
 - Notification of Award for IWT Kalughat Terminal issued on 10.09.2021 and contract agreement signed on 26.11.2021.
 - For Ghazipur Intermodal terminal, 4.386 Ha of land acquired out of 8.917 Ha.
