

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO. 1708
TO BE ANSWERED ON 29TH JULY, 2021

INLAND WATERWAYS

1708. SHRI D.M. KATHIR ANAND:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) the details of the measures taken by the Government to improve the inland waterways in the country;
- (b) the details of the existing inland waterways in the country, State-wise; and
- (c) whether cargo shipping is undertaken in existing inland waterways and if so, the details thereof?

ANSWER

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

(a) to (c) To promote Inland Waterways in the country, 111 waterways have been declared as National Waterways (NWs) under the National Waterways Act, 2016 spread over 24 States in the country which came into effect from 12th April, 2016. The list of these National Waterways State-wise is at **Annex-1**.

The details of projects initiated on National Waterways in various States are as under :

- (i) National Waterway-1 (NW-1) (Ganga-Bhagirathi-Hooghly river system from Allahabad to Haldia) in Uttar Pradesh, Bihar, Jharkhand & West Bengal; NW-2 (River Brahmaputra from Dhubri to Sadiya) in Assam; NW-3 (West Coast Canal from Kottapuram to Kollam along with Udyogmandal and Champakara Canals) in Kerala have already been developed with fairway navigational aids, jetties and terminals with mechanized equipment handling facilities for loading and unloading of cargo. These NWs are operational and vessels are plying on them. In addition, NW-10 (river Amba), NW-68 (river Mandovi), NW-73 (river Narmada), NW-83 (Rajpuri Creek), NW-85 (Revadanda Creek - Kundalika River System), NW-91 (Shastri river-Jaigad creek system), NW-97 (Sunderbans Waterways), NW-100 (river Tapi) and NW-111 (river Zuari), NW-44 (Ichamati River), NW-86 (Rupnarayan river) and NW-4 (Krishna Godavari river) are also operational. During FY 20-21, 83.61 million tones cargo transported on the above operational NWs.

(ii) The Inland Waterways Authority of India (IWAI) has taken up implementation of the Jal Marg Vikas Project (JMVP) at an revised estimated cost of Rs. 4633.81 crore for capacity augmentation of navigation on National Waterway-1 (NW-1) on the Haldia-Varanasi stretch of Ganga-Bhagirathi-Hooghly River System with the technical and financial assistance of the World Bank. The salient features of the project are development of various infrastructure like construction of multimodal terminals at Varanasi, Sahibganj & Haldia, Ro-Ro terminals, navigational lock at Farakka, channel marking systems, integrated vessel repair & maintenance facilities, automated information techniques of Differential Global Positioning System (DGPS) and River Information System (RIS), day and night navigation aids, slipways, bunkering facilities, river training and river conservancy works.

(iii) Fairway development works in Vijayawada – Muktyala stretch of river Krishna in Andhra Pradesh (Part of NW-4) under Phase-I has been completed.

(iv) Based on the outcome of techno-economic feasibility and Detailed Project Reports (DPRs) prepared for NWs, 23 NWs have been found to be viable for cargo movement out of which developmental activities have been taken up/ initiated in 13 viable NWs at **Annex.2**.

List of 111 National Waterways

(Government of India has declared 111 waterways as National Waterways through National Waterways Act, 2016 enacted on 12.04.2016).

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 2	891	Brahmaputra River (Dhubri - Sadiya)	Assam
3	National Waterway 3	205	West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals	Kerala
		170	West Coast Canal (Kottapuram - Kozhikode)	
4	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)	
5	National Waterway 5	256	East Coast Canal and Matai river	Odisha and West Bengal
		265	Brahmani-Kharsua-Dhamra rivers	
		67	Mahanadi delta rivers (Consisting of Hansua river, Nunanala, Gobrinala, Kharnasi river and Mahanadi river)	
6	National Waterway 6	68	Aai River	Assam