

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2100**  
ANSWERED ON 15.12.2023

**ARRANGEMENTS OF MOVEMENT THROUGH INLAND WATERWAYS**

2100. SHRIMATI SARMISTHA SETHI:

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

**पत्तन, पोतपरिवहन और जलमार्ग मंत्री**

- (a) whether there are any schemes to ensure the arrangements of movement through inland waterways and if so, the details thereof along with the number of places selected under this scheme, State-wise including Odisha;
- (b) whether the Government has taken any steps for development of inland waterways for cargo shipments in Odisha and if so, the details thereof; and
- (c) the steps taken for promotion of water-based transport system in Odisha?

**ANSWER**

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

(a) Yes. Government of India declared 111 (including 5 existing and 106 new) National waterways (NWs) to ensure the arrangement of movement through Inland Waterways. These National Waterways are spread over 24 States under the National Waterways Act, 2016. Action plan has been formulated for development of 26 most viable NWs and development for shipping and navigation has been taken up first on 20 NWs in various States including NW 5 Dharma-Paradip via Mangalagadi to Pankapal, which is in Odisha with a length of 233 Km as detailed at **Annex. -1**.

(b) & (c) Yes. The steps taken by Government for development of Inland Waterways for cargo shipments in Odisha as well as promotion of water-based transport system are:

1. Thalweg survey for monitoring of Waterways on monthly basis being conducted by Inland Waterways Authority of India (IWAI) (from Pankapal – Dhamra via Mangalgadi up to Paradip- 212 Line KM for phase-I) for identification of Least Available Depth in the navigation channel.
2. Detailed Project Report for construction of Weirs / Barrages and modification of bridges was undertaken by IWAI for development of NW-5 and NW-64.

3. The work for raising of High-tension line was entrusted to Govt. of Odisha for providing safe navigation clearance for passage of IWT vessels. IWAI is also engaged in development and operationalization of NW-5 and NW-64 on public private partnership mode. The option of forming a Special Purpose Vehicle for movement of coal is also being explored.
4. Gypsum movement from IFFCO plant to Paradip Port Authority commenced w.e.f. 26<sup>th</sup> April, 2022 by IWT mode through NW-5 and NW-64. So far, a total of 8,06,053 MT of Gypsum and 19,99,362 MT of other commodities have been moved through NW-5, NW-64 and NW-23 in Odisha.

**LIST OF 26 NATIONAL WATERWAYS (NWs) PROJECTS FOR DEVELOPMENT**

Sl. No	NW	Details of Waterways	Length (Km)	STATES	Status
1	NW 1	Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)	1620	Uttar Pradesh, Bihar, Jharkhand & West Bengal	Development taken up with Assistance from World Bank Jal Marg Vikas Project
2	NW 2	Brahmaputra River (Dhubri - Sadiya)	891	Assam	Development taken up as per approved SFC for FY 2020-21 to 2024-25
3	NW 16	Barak River (Lakhimpur -Tuker Gram)	121	Assam	
4	NW 3	West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals	205	Kerala	
5	NW 4	Krishna River (Vijayawada – Muktyala)	82	Andhra Pradesh	Mostly Operational Waterways and development and maintenance work taken up under Phase-I DIB approval.
6	NW 5	Dhamra-Paradip via Mangalagadi to Pankopal	233	Odisha	
7	NW 8	Alappuzha- Changanassery Canal	29	Kerala	
8	NW 9	Alappuzha - Kottayam – Athirampuzha Canal	40	Kerala (Alternate route: 11.5km)	
9	NW 27	Cumberjua River (Cortalim-Ferry to Sao MartiasVidhanParisad)	17	Goa	
10	NW 68	Mandovi River (Usgoan bridge to Arabian Sea)	41	Goa	
11	NW 111	Zuari River (Sanvorden bridge to Marmugao Port)	50	Goa	
12	NW 86	Rupnarayan River (PratapPur to Geonkhali)	72	West Bengal	
13	NW 97	Sunderbans Waterway (Namkhana to AtharaBankiKhal)	172	West Bengal	
14	NW 40	Ghagra River (Faizabad to ManjhiGhat)	345	Bihar &U.P.	
15	NW 52	Kali River (Kodasalli Dam to Sadashivgad Bridge, Arabian Sea)	53	Karnataka	
16	NW 44	Ichamati River (Bridge at Gobra to Bansjhari near Bangladesh Border)	63	West Bengal	
17	NW	Kopili River (BanthaiGaonTinali Bus Stop to	50	Assam	

	57	Chandrapur No.2 confluence with Brahmaputra)			
18	NW 31	Dhansiri River (Morongi T.E. village Bridge to Numaligarh)	110	Assam	
19	NW 10	Amba River (Arabian Sea, Dharamtaar Creek to Nagothane ST Stand)	45	Maharashtra	
20	NW 28	Dabhol Creek Vasisti River (Arabian Sea at Dabhol to Bridge at Pedhe)	45	Maharashtra	
21	NW 25	Chapora River (Bridge near Maneri village to Morjim, Arabian Sea)	25	Goa	Mostly Operational Waterways for development by 2030.
22	NW 37	Gandak River (Bhaisalotal Barrage to Hazipur)	296	Bihar & U.P.	
23	NW 73	Narmada River (Pandhariya to Gulf of Khambhat)	226	Maharashtra & Gujarat	
24	NW 85	Revadanda Creek - Kundalika River System (Arabian Sea at Revadanda to Bridge near Roha Nagar)	31	Maharashtra	
25	NW 94	Sone River (Sone Barrage, Dehri to Confluence with the Ganga)	141	Bihar	
26	NW 100	Tapi River (Hatnur Dam to Gulf of Khambhat)	436	Maharashtra & Gujarat	

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