

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO. 3228
ANSWERED ON 05/08/2022

SPECIAL PURPOSE VEHICLES

3228. MS. DEBASREE CHAUDHURI:
SHRIMATI POONAM MAHAJAN:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) whether the Government has proposed the major ports to form a Special Purpose Vehicles (SPVs) to develop waterways across the country;
- (b) if so, the details thereof, State/UT-wise;
- (c) the details of waterways which are proposed to be allocated to ports;
- (d) the status of National Waterway-4 and the time by which it is likely to be completed; and
- (e) the amount proposed to be earmarked from Central fund for development of water transport and the time by which these waterways are likely to be operationalised?

ANSWER

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

(a to c) No special Purpose Vehicle (SPV) has been proposed by the Government for the development of National Waterways by the major ports. However, five (05) Major Ports were directed to take up development of the National Waterways which are in their proximity through release of grant by Inland Waterways Authority of India (IWAI). The list of National Waterways assigned to five Major Ports is at **Annex-I**. Later, the matter was reviewed and it was decided that the development of NWs allocated to five (05) Major Ports will be undertaken by the IWAI. However, the development of three (03) NWs of Goa viz. NW-68, NW-27 and NW-111 will continue to be undertaken as per the tripartite MoU signed among IWAI, Government of Goa (Caption of Ports) and Mormugao Port Trust (MoPT).

(d) Fairway development works in Vijayawada – Muktyala stretch of river Krishna in NW-4 and installation of four floating pontoons have been completed. Land acquisition process for Ro-Ro terminals (3 nos.) at Ibrahimpatnam, Harischandrapuram and Muktyala has been initiated. The time frame set for completion of these terminals is two years after completion of land acquisition process.

(e) A provision of Rs. 564.31 crore has been made in the Budget Estimate for 2022-23 for development of National Waterways (NWs). Development and operational status of the National Waterways is detailed at **Annex-II**.

National Waterways (NWs) allocated to 05 Major Ports

Sl. No.	Major Port	Name of Waterway with distance in (km)	NW no.
1.	New Mangalore Port Trust (NMPT)	i. Kabini (23) ii. Gurupur (10) iii. Kali (53) iv. Netrawathi (30) v. Sharavati (29) vi. Ghataprabha (112) vii. Malaprabha (94) viii. Tungabhadra (230) ix. Bheema (139)	NW – 51 NW - 43 NW – 52 NW – 74 NW - 90 NW - 41 NW - 67 NW-104 NW - 21
2.	Jawaharlal Nehru Port Trust (JNPT)	i. Amba river (45) ii. Arunavati-Aran river (98) iii. Dabhol Creek-Vashisti river (45) iv. Kalyan-Thane-Mumbai Waterway Vasai Creek Ulhas river (145) v. Manjara river (242) vi. Nag river (60) vii. Penganga-Wardha river (265) viii. Revdanda Creek- Kundalika river (31) ix. Bankot Creek – Savita river (46) x. Tapi river (164) xi. Wainganga-Pranahita river (164)	NW-10 NW- 11 NW – 28 NW- 53 NW- 70 NW- 72 NW- 78 NW- 85 NW- 89 NW- 100 NW- 109
3.	Deendayal Port Trust, Kandla	i. Mahi river (248) ii. Narmada river (227) iii. Tapi river (436) iv. Jawai-Luni rivers and Rann Kutch (590) v. Luni river (336)	NW- 66 NW- 73 NW- 100 NW- 48 NW- 63
4.	Paradip Port Trust (PPT)	i. Brahmani- Kharsua - Tantighai-PanduaNala- DedheiNala- KaniDhamra- river System, Geonkhali- Charbatia Stretch of East Coast canal, Charbatia- Dhamra Stretch of Matai river and Mahanadi Delta rivers (332) ii. Baitarni river (49) iii. Mahanadi river (425) iv. Subarnrekha river (314)	NW- 5 NW- 14 NW- 64 NW- 96
5.	Mormugao Port Trust (MPT)	i. Mandovi river (41) ii. Cumberjua (17) iii. Zuari (50) iv. Chapori (33) v. Mapusa (27)	NW- 68 NW- 27 NW- 111 NW- 25 NW- 71

Development and operational status of the National Waterways

- (i) National Waterway (NW) -1 (Ganga - Bhagirathi-Hooghly river system from Allahabad to Haldia), NW - 2 (River Brahmaputra from Dhubri to Sadiya), NW -3 (West Coast Canal from Kottapuram to Kollam along with Udyogmandal and Champakara Canals) have already been developed with fairway, navigational aids, jetties and terminals with mechanized equipment handling facilities for loading and unloading of cargo. These waterways including NW-4(Krishna Godavari river system), NW-5 (Brahmani - Mahanadi Delta rivers), NW-10 (river Amba), NW-16 (river Barak), NW-44 (river Ichamati), NW-64 (Mahanadi river), NW-68 (river Mandovi), NW-73 (river Narmada), NW-83 (Rajpuri Creek), NW-85 (Revadanda Creek - Kundalika River System), NW-86 (Rupnarayan river), NW-91 (Shashtri river- Jaigad creek system), NW-94 (Sone river), NW- 97 (Sunderbans Waterways), NW-100 (river Tapi) and NW-111 (river Zuari) are 19 operational NWs and vessels are plying on these NWs.
- (ii) Government is implementing the Jal Marg Vikas Project (JMVP) at an estimated cost of Rs. 5369.18 cr. (revised to Rs. 4633.81 cr.) for capacity augmentation of navigation on 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 DGPS and river information system (RIS), day and night navigation aids, slipways, bunkering facilities, river training and river conservancy works. Projects worth Rs. 2151 crores (approx.) have commenced on ground in a time period of four years after statutory clearances.
- (iii) Comprehensive development of NW-2 and NW-16 with Indo-Bangladesh Protocol (IBP) Routes has been undertaken at the cost of Rs. 461 crore and Rs. 145 crore respectively.
- (iv) Based on the outcome of techno-economic feasibility and Detailed Project Reports (DPRs) prepared for NWs, 26 NWs have been found to be viable for cargo and passenger movement out of which developmental activities have been taken up/ initiated in 13 most viable NWs as per list attached.

**LIST OF 26 NATIONAL WATERWAYS FOUND FEASIBLE FOR CARGO / PASSENGER
MOVEMENT**

Sl. No	National Waterway	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 2020-21 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 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	Development proposal at appraisal stage.
15	National Waterway 40	Ghagra River	Bihar	
16	National Waterway 44	Ichamati River	West Bengal	
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	
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	
26	National Waterway 31	Dhansiri River	Assam	
