

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO- 3069
ANSWERED ON – 09/08/2024

NETWORK OF WATERWAYS

3069. SHRI ALOK SHARMA:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) the details of network of waterways in kilometres in India;
- (b) whether the Government has any plan for expansion of waterways;
- (c) if so, the details thereof;
- (d) the schemes being implemented for the development of ports; and
- (e) the details of schemes being implemented for the welfare of dock workers?

ANSWER

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

(a) To promote Inland Water Transport (IWT) in the country, 111 Waterways (including 5 existing and 106 new) of 20186.65 km length spread over 24 states have been declared as National Waterways under the National Waterways Act, 2016 as detailed at **Annexure-1**.

(b) & (c) As of now, there is no plan for expansion of National Waterways.

(d) The Sagarmala is the flagship Central Sector Scheme of the Ministry of Ports, Shipping and Waterways to promote port-led development in the country through harnessing India's 7,500 km long coastline, 14,500 km of potentially navigable waterways and strategic location on key international maritime trade routes. Under Sagarmala Scheme, Ministry provides financial assistance to State Governments for Port infrastructure projects, Coastal berth projects, Road & Rail projects, fish harbours, skill development projects, Coastal community development, International standard cruise terminal and projects such as Ro-Pax ferry services etc.

(e) Currently, there is no specific scheme under the Ministry of Ports, Shipping, and Waterways (MoPSW) being implemented for the welfare of dock workers. There are 12 Major Ports under the administrative control of Ministry of Ports, Shipping and

Waterways. Different Major Ports have various mechanism relating to the safety of dock workers such as group insurance, welfare funds etc. In addition, Productivity linked Reward (PLR) scheme is also there in respect of all employees of the Major Ports including dock workers on the pay roll of Major Ports including Calcutta Dock Labour Board.

Annexure-1

List of 111 National Waterways declared under National Waterways Act, 2016 with effect from 12.04.2016

Sl. No.	National Waterway No.	Length(km)	Details of Waterways	STATES
1	National Waterway 1	1620.000	Ganga-Bhagirathi-Hooghly River System (Haldia-Allahabad)	Uttar Pradesh, Bihar, Jharkhand & West Bengal
2	National Waterway 2	891.000	Brahmaputra River (Dhubri-Sadiya)	Assam
3	National Waterway 3	205.000	West Coast Canal (Kottapuram-Kollam), Champakara and Udyogmandal Canals	Kerala
		169.794	West Coast Canal (Kottapuram-Kozhikode)	
4	National Waterway 4	50.000	Kakinada Canal (Kakinada to Rajahmundry)	Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Puducherry, Chhattisgarh and Maharashtra
		171.000	Godavari River (Bhadrachalam to Rajahmundry)	
		139.000	Eluru Canal (Rajahmundry to Vijayawada)	
		157.000	Krishna river (Wazirabad to Vijayawada)	
		113.000	Commamur Canal (Vijayawada to Peddaganjam)	
		316.000	North Buckingham Canal (Peddaganjam to Central Station of Chennai)	
		110.000	South Buckingham Canal (Central Station of Chennai to Marakanam)	
		22.000	Marakanam to Puducherry through Kaluvelly tank	
		1201.600	River Godavari (Bhadrachalam-Nashik) Maharashtra (736.1km), Telangana (528km), Andhra Pradesh (6 km) & Chhattisgarh (20km) (20 km common in Tel-Chhattisgarh, 6 km in Telangana-A.P.and 62.5 km in Tel-Mah)	
636.200	River Krishna(Wazirabad-Galagali) Karnataka (297.8km), Telangana (375.7km) & Andhra Pradesh (247km) (247 km common in AP-Tel and 37.3 km in Tel-Karn)			
		256.000	East Coast Canal	

5	National Waterway 5		Matai River	Odisha and West Bengal
		265.000	Brahmani-Kharsua-Dhamra Rivers	
		67.000	Mahanadi Delta Rivers (Consisting of Hansua River, Nunanala, Gobrinala, Kharnasi River and Mahanadi River)	
6	National Waterway 6	68.484	Aai River	Assam
7	National Waterway 7	89.573	Ajoy (Ajay) River	West Bengal
8	National Waterway 8	29.300	Alappuzha-Changanassery Canal	Kerala
9	National Waterway 9	40.200	Alappuzha-Kottayam–Athirampuzha Canal	Kerala Alternate route:11.5 km
10	National Waterway 10	44.971	Amba River	Maharashtra
11	National Waterway 11	98.900	Arunawati-Aran River System	Maharashtra
12	National Waterway 12	5.500	Asi River	Uttar Pradesh
13	National Waterway 13	11.300	AVM Canal	Kerala (2.8km) & Tamil Nadu (8.5km)
14	National Waterway 14	48.477	Baitarni River	Odisha
15	National Waterway 15	135.165	Bakreswar-Mayurakshi River System	West Bengal
16	National Waterway 16	121.000	Barak River	Assam
17	National Waterway 17	189.000	Beas River	Himachal Pradesh (40.36km) & Punjab (153.5km) (4.86 km common)
18	National Waterway 18	68.900	Beki River	Assam
19	National Waterway 19	67.050	Betwa River	Uttar Pradesh
20	National Waterway 20	94.650	Bhavani River	Tamil Nadu
21	National Waterway 21	138.900	Bheema River	Karnataka (138.9km) &Telangana (8.66km) (8.66 km common)
22	National Waterway 22	155.564	Birupa-Badigenguti-Brahmani River	Odisha

	Waterway 22		System	
23	National Waterway 23	55.896	Budhabalanga	Odisha
24	National Waterway 24	60.860	Chambal River	Uttar Pradesh
25	National Waterway 25	33.001	Chapora River	Goa
26	National Waterway 26	51.072	Chenab River	Jammu & Kashmir
27	National Waterway 27	17.000	Cumberjua River	Goa
28	National Waterway 28	45.228	Dabhol Creek-Vashishti River System	Maharashtra
29	National Waterway 29	132.410	Damodar River	West Bengal
30	National Waterway 30	109.136	Dehing River	Assam
31	National Waterway 31	113.752	Dhansiri/Chathe	Assam
32	National Waterway 32	63.205	Dikhu River	Assam
33	National Waterway 33	61.368	Doyans River	Assam
34	National Waterway 34	136.957	DVC Canal	West Bengal
35	National Waterway 35	107.809	Dwarekeswar River	West Bengal
36	National Waterway 36	119.165	Dwarka River	West Bengal
37	National Waterway 37	295.700	Gandak River	Bihar(255.8 km) & Uttar Pradesh (33.68km) and 6.22km in NEPAL
38	National Waterway 38	62.000	Gangadhar River	Assam (62km)& West Bengal (17.1km) (17.1 km common)
39	National Waterway 39	49.143	Ganol River	Assam (31.44km) & Meghalaya(17.56)
40	National Waterway 40	353.600	Ghaghra River	Bihar (90.97 km) & Uttar Pradesh (344.83 km)(82.2 km

				common)
41	National Waterway 41	111.760	Ghataprabha River	Karnataka
42	National Waterway 42	514.310	Gomti River	Uttar Pradesh
43	National Waterway 43	10.041	Gurupur River	Karnataka
44	National Waterway 44	63.381	Ichamati River	West Bengal
45	National Waterway 45	650.100	Indira Gandhi Canal	Punjab (149.48km), Har yana(19.83km) & Rajashtan (480.69 km)
46	National Waterway 46	34.670	Indus River	Jammu & Kashmir
47	National Waterway 47	130.590	Jalangi River	West Bengal
48	National Waterway 48	615.445	Jawai-Luni-Rann Of Kutch River System	Gujarat(410.04 3 km) & Rajasthan (205.402 km)
49	National Waterway 49	110.270	Jhelum River	Jammu & Kashmir
50	National Waterway 50	42.576	Jinjiram River	Assam (42.576 km) & Meghalaya (28.246 km) (28.246 km common)
51	National Waterway 51	23.171	Kabini River	Karnataka
52	National Waterway 52	53.415	Kali River	Karnataka
53	National Waterway 53	144.640	Kalyan-Thane-Mumbai Waterway, Vasai Creek And Ulhas River System	Maharashtra
54	National Waterway 54	86.000	Karamnasa River	Bihar (86km) & Uttar Pradesh (86 km) (86 km common)
55	National Waterway 55	310.847	Kaveri-Kollidam River System	Tamil Nadu
56	National Waterway 56	22.104	Kherkai River	Jharkhand
57	National Waterway 57	49.900	Kopili River	Assam
58	National Waterway 58	233.040	Kosi River	Bihar

59	National Waterway 59	18.800	Kottayam-Vaikom Canal	Kerala
60	National Waterway 60	80.446	Kumari River	West Bengal
61	National Waterway 61	27.870	Kynshi River	Meghalaya
62	National Waterway 62	86.000	Lohit River	Assam (17.89 km) & Arunachal Pradesh (68.11 km)
63	National Waterway 63	336.350	Luni River	Rajasthan
64	National Waterway 64	426.320	Mahanadi River	Odisha
65	National Waterway 65	80.391	Mahananda River	West Bengal
66	National Waterway 66	246.989	Mahi River	Gujarat
67	National Waterway 67	93.500	Malaprabha River	Karnataka
68	National Waterway 68	41.000	Mandovi River	Goa
69	National Waterway 69	4.750	Manimutharu River	Tamil Nadu
70	National Waterway 70	245.000	Manjira River	Maharashtra (35.5 km) & Telangana (245km) (35.5 km common)
71	National Waterway 71	26.638	Mapusa/Moide River	Goa
72	National Waterway 72	58.700	Nag River	Maharashtra
73	National Waterway 73	226.343	Narmada River	Maharashtra (38.44 km) & Gujarat (226 km) (38.44 km common)
74	National Waterway 74	79.205	Netravathi River	Karnataka
75	National Waterway 75	141.704	Palar River	Tamil Nadu
76	National Waterway 76	23.000	Panchagangavali (Panchagangoli) River	Karnataka
77	National Waterway 77	19.508	Pazhyar River	Tamil Nadu
78	National Waterway 78	261.510	Penganaga-Wardha River System	Maharashtra (261.51 km) &

				Telangana (116.1 km) (116.1 km common)
79	National Waterway 79	28.280	Pennar River	Andhra Pradesh
80	National Waterway 80	126.239	Ponniyar River	Tamil Nadu
81	National Waterway 81	34.610	Punpun River	Bihar
82	National Waterway 82	58.234	Puthimari River	Assam
83	National Waterway 83	30.645	Rajpuri Creek	Maharashtra
84	National Waterway 84	44.276	Ravi River	Jammu & Kashmir (24km), Himachal Pradesh (20.267 km) & Punjab (12 km)(12 km common in J&K-Pun and 12 km in J&K-HP)
85	National Waterway 85	30.736	Revadanda Creek-Kundalika River System	Maharashtra
86	National Waterway 86	72.039	Rupnarayan River	West Bengal
87	National Waterway 87	210.042	Sabarmati River	Gujarat
88	National Waterway 88	14.059	Sal River	Goa
89	National Waterway 89	45.470	Savitri River (Bankot Creek)	Maharashtra
90	National Waterway 90	28.674	Sharavati River	Karnataka
91	National Waterway 91	52.020	Shastri River-Jaigad Creek System	Maharashtra
92	National Waterway 92	25.619	Silabati River	West Bengal
93	National Waterway 93	62.600	Simsang River	Meghalaya
94	National Waterway 94	141.000	Sone River	Bihar
95	National Waterway 95	106.452	Subansiri River	Assam
				Jharkhand

96	National Waterway 96	310.932	Subarnrekha River	(150.48km), West Bengal (95.14km) & Odisha (93.52km) (4.95 km common in Jhar.-WB, 13.06km in WB-Odi. and 10.13km in Jhar.-Odi.)
97	National Waterway 97	172.000	Sunderbans Waterway	West Bengal
		55.823	Bidya River	West Bengal
		15.207	Chhotakalagachi (Chhotokalergachi) River	West Bengal
		6.711	Gomar River	West Bengal
		15.827	Haribhanga River	West Bengal
		37.202	Hogla(Hogal)-Pathankhali River	West Bengal
		8.513	Kalindi (Kalandi) River	West Bengal
		22.465	Katakhalī River	West Bengal
		98.731	Matla River	West Bengal
		28.418	Muriganga (Baratala) River	West Bengal
		53.381	Raimangal River	West Bengal
		14.392	Sahibkhali (Sahebkhali) River	West Bengal
37.163	Saptamukhi River	West Bengal		
63.865	Thakurran River	West Bengal		
98	National Waterway 98	377.000	Sutlej River	Himachal Pradesh (129.42km) & Punjab (247.58km)
99	National Waterway 99	62.410	Tamaraparani River	Tamil Nadu
100	National Waterway 100	436.244	Tapi River	Maharashtra (203.94 km) & Gujarat (232.06 km)
101	National Waterway 101	42.000	Tizu-Zungki Rivers	Nagaland
102	National Waterway 102	87.136	Tiwang (Dhaleswari River)	Assam (23.68 km) & Mizoram (65.506km) (2.05 km common)
103	National Waterway 103	73.250	Tons River	Uttar Pradesh
104	National	232.400	Tungabhadra River	Karnataka (134.9km),

	Waterway 104			Telangana(97.5 km)&Andhra Pradesh(158.4 km) (60.9 km common in AP-Karn. And 97.5 km in AP-Telg.)
105	National Waterway 105	15.211	Udayavara River	Karnataka
106	National Waterway 106	20.050	Umngot (Dawki) River	Meghalaya
107	National Waterway 107	45.600	Vaigai River	Tamil Nadu
108	National Waterway 108	52.830	Varuna River	Uttar Pradesh
109	National Waterway 109	165.780	Wainganga-Pranahita River System	Maharashtra (165.78km) & Telangana (114km) (114 km common)
110	National Waterway 110	1081.000	Yamuna River	Delhi (33.6km), Haryana (100.63 km) & Uttar Pradesh(1016.092 km) (5.27 km common in Del-UP and 65.36 km in Har-UP)
111	National Waterway 111	50.000	Zuari River	Goa
		20186.650		
