

GOVERNMENT OF INDIA  
MINISTRY OF SHIPPING

LOK SABHA

UNSTARRED QUESTION NO.1997

TO BE ANSWERED ON 27<sup>th</sup> JULY, 2017

DEVELOPMENT OF WATERWAYS

†1997. SHRI RAVINDER KUSHAWAHA:  
SHRI KAPIL MORESHWAR PATIL:  
DR. MANOJ RAJORIA:

Will the Minister of SHIPPING be pleased to state:

- (a) whether the Government proposes to extend the waterways network in the country and if so, the details thereof;
- (b) whether the Government has been taking special measures/efforts to develop the rivers as waterways in the country and if so, the details thereof;
- (c) the details of funds allocated and utilized during each of the last three years and the current year for the purpose;
- (d) the model of development proposed to be adopted for these waterways along with the estimated expenditure to be incurred therein;
- (e) whether the Government proposes to connect Dohrighat, Barhaj and Ballia of eastern Uttar Pradesh with Haldia; and
- (f) if so, the details thereof along with the time-frame set for the purpose and if not, the reasons therefor?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF SHIPPING  
(SHRI PON. RADHAKRISHNAN)

- (a): A total of 111 National Waterways (NWs) including five existing NWs have been declared under the National Waterways Act, 2016. A list of the 111 NWs is at **Annexure**. It is not presently proposed to extend the number of NWs in the country.
- (b): Some of the major initiatives to develop the National Waterways recently are as under:
  - i) To strengthen navigation capacity and promote transportation of cargo and passengers on National Waterway-1 (NW-1), on the Haldia-Varanasi stretch of Ganga-Bhagirathi-Hooghly River System, the Jal Marg Vikas Project (JMVP) has been taken up for development with technical and investment support of the World Bank at an estimated cost of Rs.5369 crore.

- ii) A Memorandum of Understanding (MoU) has been signed by India and Bangladesh for dredging in the Sirajganj - Daikhowa and Ashuganj-Zakiganj stretches on the Indo-Bangladesh Protocol route in Bangladesh by sharing the cost of dredging by India and Bangladesh in the ratio 80:20. The implementation of the MoU would facilitate critical connectivity between National Waterway-1 (River Ganga) and National Waterway-2 (River Brahmaputra).
- iii) On NW-2 (River Brahmaputra), Roll on – Roll off (Ro-Ro) services between Dhubri and Hatsingimari have commenced, reducing the circuitous road route of about 220 km via Jogighopa to reach Hatsingimari.
- iv) Construction of Slipway at Pandu (Assam) with December, 2018 as the target date of completion. This will be the first dry dock repair facility in the NE Region. Presently, the vessels plying on NW-2 need to sail to Kolkata for dry dock repairs and maintenance.
- v) On NW-4, Phase-I development of the stretch between Muktyala to Vijayawada (82 kms) has commenced. This will provide an efficient logistics solution to boost the economic growth of the region and facilitate the development of the new capital city Amravati (during its early development stage) of Andhra Pradesh as substantial construction material is expected to be transported on this stretch of NW-4.

(c): The budgetary resources allocated and expenditure incurred during the last three years and current year are as under:-

**(Rs. in crore)**

<b>Year</b>	<b>Budgetary Estimates (BE)</b>	<b>Expenditure</b>
2014-15	267	117.21
2015-16	300	293.44
2016-17	350 + 1000 (Bonds to be raised by IWAI)	517.89
2017-18	228 + 660 (Bonds to be raised by IWAI)	48.75
		Upto 30.06.2017

(d): Under the Inland Waterways Authority of India (IWAI) Act, 1985, IWAI has been mandated to develop NWs for the purpose of shipping and navigation in the country. The funding for development of NWs are met from the Government's Budgetary Support (through Grants to IWAI), External Budgetary Resources (EBRs) by raising bonds, Loans from World Bank and through Private Sector participation.

(e)&(f): Ballia is on the bank of river Ganga (NW-1), is already connected with Haldia. Dohrihat and Barhaj are on the bank of river Ghaghra and the stretch of this river from Faizabad to Manjhihat has been declared as National Waterway-40. A decision on development of NW- 40 would be taken after completing its technical assessment and commercial viability.

**LIST OF NATIONAL WATERWAYS**

<b>National Waterway Number</b>	<b>Name of National Waterways</b>	<b>Length (Kms.)</b>	<b>State</b>
1.	Ganga – Bhagirathi - Hooghly	1620	UP, Bihar, Jharkhand, West Bengal
2.	Brahmaputra	891	Assam
3.	West Coast Canal alongwithChampakara&Udyogma ndal Canal	365	Kerala
4.	Kakinada Puducherry Canal alongwith Godavari & Krishna rivers	2890	Tamil Nadu, Andhra Pradesh, Telanagana
5.	East Coast Canal alongwithBrahmani& Mahanadi Delta	588	Odisha, West Bengal
6.	Aai	71	Assam
7.	Ajoy (Ajay)	96	West Bengal
8.	Alappuzha- Changanassery Canal	28	Kerala
9.	Alappuzha- Kottayam- Athirampuzha Canal	38	Kerala
10.	Amba River	45	Maharashtra
11.	Arunawati/ Aran River	98	Maharashtra
12.	Asi	5.5	UP
13.	AVM Canal (Kanyakumari to Kollam)	11	Tamil Nadu
14.	Baitarni River	49	Odisha
15.	Bakreswar/ Mayurakshi River	137	West Bengal
16.	Barak	121	Assam
17.	Beas	191	HP & Punjab
18.	Beki	73	Assam
19.	Betwa	68	UP
20.	Bhavani River	94	Tamil Nadu
21.	Bheema	139	Telangana Karnataka
22.	Birupa/ BadiGenguti/ Brahmani River System	156	Odisha
23.	BudhaBalanga	56	Odisha
24.	Chambal	60	UP
25.	Chapora	33	Goa
26.	Chenab	53	J&K & Punjab
27.	Cumberjua	17	Goa
28.	Dabhol Creek/ Vasishti river	45	Maharashtra
29.	Damodar	135	West Bengal
30.	Dehing	114	Assam
31.	Dhansiri/ Chathe	110	Assam
32.	Dikhu	63	Assam
33.	Doyans	61	Assam
34.	DVC Canal	130	West Bengal
35.	Dwarekeswar	113	West Bengal
36.	Dwarka	121	West Bengal

37	Gandak	300	Bihar & UP
38	Gangadhar	62	Assam & West Bengal
39	Ganol River	49	Meghalaya
40	Ghaghra River	340	Bihar & UP
41	Ghataprabha	112	Karnataka
42	Gomti	518	UP
43	Gurupur	10	Karnataka
44	Ichamati	64	West Bengal
45	Indira Gandhi Canal	650	Haryana, Punjab & Rajasthan
46	Indus	35	J&K
47	Jalangi	131	West Bengal
48	Jawai-Luni river & Rann of Kutch	590	Rajasthan & Gujarat
49	Jhelum	110	J&K
50	Jinjiram River	43	Meghalaya & Assam
51	Kabini	23	Karnataka
52	Kali	54	Karnataka
53	Kalyan – Thane – Mumbai Waterway, Vasai creek & Ulhas river	145	Maharashtra
54	Karamnasa	86	UP & Bihar
55	Kaveri/ Kollidam river	364	Tamil Nadu
56	Kherkai	23	Jharkhand
57	Kopili River	46	Assam
58	Koshi	236	Bihar
59	Kottayam- Vaikom Canal	28	Kerala
60	Kumari	77	West Bengal
61	Kynshi River	28	Meghalaya
62	Lohit	100	Assam
63	Luni	327	Rajasthan
64	Mahanadi	425	Odisha
65	Mahananda	81	West Bengal
66	Mahi	248	Gujarat
67	Malaprabha	94	Karnataka
68	Mandovi	41	Goa
69	Manimutharu	5	Tamil Nadu
70	Manjara	242	Maharashtra, & Telangana
71	Mapusa/ Moide river	27	Goa
72	Nag	60	Maharashtra
73	Narmada	227	Gujarat
74	Netravathi	78	Karnataka
75	Palar	141	Tamil Nadu
76	Panchagangavali (Panchagangoli)	23	Karnataka
77	Pazhyar	20	Tamil Nadu
78	Penganga/ Wardha	265	Maharashtra & Telangana
79	Pennar	29	Andhra Pradesh
80	Ponniyar	125	Tamil Nadu
81	Punpun	35	Bihar
82	Puthimari	72	Assam
83	Rajpuri creek	31	Maharashtra
84	Ravi	42	HP & J&K
85	Revdanda Creek/ Kundalika river	31	Maharashtra

86	Rupnarayan River	72	West Bengal
87	Sabarmati	212	Gujarat
88	Sal	14	Goa
89	Savitri River (Bankot creek)	46	Maharashtra
90	Sharavati River	29	Karnataka
91	Shastri River/ Jaigad creek	52	Maharashtra
92	Silabati	26	West Bengal
93	Simsang River	62	Meghalaya
94	Sone	160	Bihar
95	Subansiri	111	Assam
96	Subarnrekha River	314	Jharkhand, West Bengal & Odisha
97	Sunderbans Waterway	654	West Bengal
	Bidya river		West Bengal
	ChhotaKalagachi (ChhotoKalergachi) river		West Bengal
	Gomar		West Bengal
	Haribhanga river		West Bengal
	Hogla (Hogal) – Pathankhali river		West Bengal
	Kalindi (Kalandi) river		West Bengal
	Katakhali river		West Bengal
	Matla river		West Bengal
	Muri Ganga (Baratala) river		West Bengal
	Raimangal river		West Bengal
	Sahibkhali (Sahebkhali) river		West Bengal
	Saptamukhi river		West Bengal
	Thakurran river		West Bengal
98	Sutlej	377	Punjab & HP
99	Tamaraparani	64	Tamil Nadu
100	Tapi	436	Maharashtra & Gujarat
101	Tizu / Zungki Rivers	42	Nagaland
102	Tlawng (Dhaleswari)	86	Mizoram
103	Tons	73	UP
104	Tungabhadra	230	Telangana, Karnataka & AP
105	Udayavara	16	Karnataka
106	Umngot (Dawki) River	20	Meghalaya
107	Vaigai	45	Tamil Nadu
108	Varuna River	53	UP
109	Wainganga / Pranahita River	164	Maharashtra &Telangana
110	Yamuna	1089	Haryana, UP & Delhi
111	Zuari	50	Goa
	<b>TOTAL</b>	<b>20,275</b>	

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