

GOVERNMENT OF INDIA
MINISTRY OF SHIPPING

RAJYA SABHA

UNSTARRED QUESTION NO.3660

TO BE ANSWERED ON 3rd APRIL, 2017

**STATUS OF DEVELOPMENT OF INLAND WATERWAYS
AS NATIONAL WATERWAYS**

3660. SHRI KIRANMAY NANDA:
SHRI PARIMAL NATHWANI:

Will the Minister of SHIPPING be pleased to state:

- (a) the details of targets set and progress made in the development of inland waterways in the country and the roadblocks identified in this regard along with the steps taken by Government to remove them;
- (b) whether Government has prepared any scheme for the development of inland waterways as national waterways;
- (c) if so, the names of rivers declared as national waterways in the country, State/UT-wise including Gujarat; and
- (d) the funds allocated/proposed to be allocated for the development of these waterways and the types of development envisaged for the national waterways in various States including Gujarat?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI MANSUKH L. MANDAVIYA)

(a): The six National Waterways (NWs) viz. National Waterway-1 (Ganga-Bhagirathi-Hooghly river system from Allahabad to Haldia); National Waterway-2 (River Brahmaputra from Dhubri to Sadiya); National Waterway-3 (West Coast Canal from Kottapuram to Kozhikode); National Waterway-4 (Kakinada- Puducherry canals along with Godavari and Krishna rivers); National Waterway-5 (East Coast Canal integrated with Brahmani river and Mahanadi delta rivers) and National Waterway-16 (River Barak from Lakhipur to Bhangra) have been taken up for development for navigation.

NW-1, 2 and 3 out of the above six NWs have been developed with fairway, navigational aids and combination of fixed and floating terminals at strategic locations with mechanized handling facilities. These three NWs are operational.

The Jal Marg Vikas Project (JMVP) for capacity augmentation of NW-1 from Haldia to Varanasi is being implemented with technical and financial support of the World Bank at an estimated cost of Rs. 5369 crore and is targeted for completion in 2022-23. The project envisages fairway development, navigational aids, construction of multi-modal terminals at Varanasi, Sahibganj and Haldia, construction of new navigational lock at Farakka, bank protection work, movement of LNG vessels, LNG bunkering facilities etc.

In NW-4, the stretch between Muktyala to Vijayawada has been undertaken for development for which dredging works to remove shallow patches has been awarded and is targeted for completion by June, 2019.

In NW-5, the stretch downstream of Erada upto Dhamra Port and Paradip port has been undertaken for development and dredging between Erada and Padanipal is being carried out and is targeted for completion in 2020-21.

In NW-16, the stretch from Silchar to Bhanga (71km) has been taken up for development and works for development of fairway and for providing navigational aids have been awarded and is targeted for completion by March, 2019.

Feasibility and Detailed Project Reports (DPRs) studies are being prepared for the remaining NWs. The interventions required for the development of these waterways would be known once these studies / reports are available.

The feasibility studies indicate the viability of the above NWs, and no major roads blocks have been identified for the development of the NWs so far.

- (b)&(c): 111 inland waterways including five existing NWs have been declared as NWs under the National Waterways Act, 2016 for the purpose of navigation and shipping on them. A list of 111 NWs State / UT wise including in Gujarat is **Annex**. The development of viable NWs is taken up in phases by the Inland Waterways Authority of India.
- (d): The NWs are being developed with Government Budgetary Support and funds raised by the Inland Waterways Authority of India (IWAI) through the External Budgetary Resources (EBRs) by raising bonds from the market. In 2016-17, Rs.296.30 crore (R.E) has been allocated to IWAI under the plan head and Rs.340 crore has been raised through EBRs. In 2017-18, Rs. 303 crore (B.E) has been allocated to IWAI.

111 - NATIONAL WATERWAYS LIST

Sl. No.	Name of National Waterway	Length	State
1.	Ganga – Bhagirathi - Hooghly	1620	UP, Bihar, Jharkhand, West Bengal
2.	Brahmaputra	891	Assam
3.	West Coast Canal alongwithChampakara&Udyogmandal 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
	TOTAL	20,275	
