

GOVERNMENT OF INDIA  
MINISTRY OF SHIPPING

**LOK SABHA**

**STARRED QUESTION NO.67**

**TO BE ANSWERED ON 20<sup>th</sup> JULY, 2017**

**DEVELOPMENT OF WATERWAYS**

\*67. SHRI ANANDRAO ADSUL:  
SHRI SHRIRANG APPA BARNE:

Will the Minister of SHIPPING be pleased to state:

- (a) the names and the length of National Waterways and Inland Waterways at present in the country;
- (b) the quantity of goods transported during each of the last three years and the current year, waterways-wise;
- (c) whether the full potential of navigable waterways in the country is being utilised for cargo, passenger and commercial purposes, if so, the details thereof and if not, the reasons therefor along with the steps taken by the Government in this regard;
- (d) whether the Government has declared/proposes to declare some Inland Waterways as National Waterways in the country; and
- (e) if so, the details thereof along with the funds allocated to various States for the development of such waterways during the aforesaid period, State-wise?

**ANSWER**  
MINISTER OF SHIPPING  
(SHRI NITIN GADKARI)

(a)to(e): A Statement is laid on the Table of the House.

**Statement referred to in reply to parts (a) to (e) of Lok Sabha Starred Question No.67 for 20.07.2017 raised by Shri Anandrao Adsul & Shri Shrirang Appa Barne, M.Ps on "Development of Waterways"**

(a)to(e):Under the National Waterways Act, 2016, a total of 111 National Waterways (NWs), including the five existing NWs, spread across 24 States have been declared simultaneously. This Act came into force with effect from 12<sup>th</sup> April, 2016. The names and the length of the NWs are at **Annexure**. No new NWs are proposed to be declared at present.

The quantity of goods transported through the operational NWs during the last three years is given below:

**(In million tonnes)**

Year	NW -1	NW-2	NW-3	NWs in Goa#	NWs in Maharashtra#	Total
<b>2014-15</b>	5.05	0.52	0.96		-	<b>6.53</b>
<b>2015-16</b>	6.24	0.60	1.06	-	-	<b>7.90</b>
<b>2016-17*</b>	4.62	0.61	1.03	15.65	33.29	<b>55.20</b>

\* Provisional

# Inland Waterways of these states declared as 'National Waterways' on 12<sup>th</sup> April, 2016.

As compared to roads and railways, the investment in the Inland Water Transport (IWT) mode had remained low. Consequently, the potential of IWT was under utilised and its share in total inland cargo transport remained insignificant. In addition to the enactment of the National Waterways Act, 2016, the following steps have been taken in the last three years to develop IWT as an environment-friendly, economical and supplementary mode of transport:-

- i) The Jal Marg Vikas Project has been undertaken at a cost of Rs.5369 crore with support of the World Bank to strengthen the navigation capacity and promote transportation of cargo and passengers on National Waterway – 1 (River Ganga) on the stretch from Haldia to Varanasi. The project includes construction of multi modal terminals at Varanasi (Uttar Pradesh), Sahibganj (Jharkhand) and Haldia (West Bengal) and a new navigational lock at Farraka (West Bengal).
- ii) On NW-2 (River Brahmaputra), Roll on-Roll of (RO-RO) services between Dhubri and Hatsingimari have commenced, reducing the circuitous road route of 220 km via Jogighopa to reach Hatsingimari.
- iii) Construction of a 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.
- iv) 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.

- v) An MoU has been signed between India and Bangladesh on 08.04.2017 for dredging and development of Sirajganj – Daikhowa and Ashuganj – Zakiganj stretch on the Indo – Bangladesh Protocol route in Bangladesh to facilitate critical connectivity between National Waterway – 1 (river Ganga) and National Waterway – 2 (River Brahmaputra) and enable movement of vessels from Varanasi in Uttar Pradesh up to Sadiya in Assam via Bangladesh.

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, loan from the World Bank and through private sector participation. Funds are allocated for development projects on NWs and not State wise. National Waterway wise expenditure during the last three years is given in the Table below:

**National Waterways wise Expenditure  
(Rs. in Crores)**

Sl. No.	National Waterway No.	2014-15	2015-16	2016-17 (Provisional)
1.	NW-1	64.7974	189.3316	385.87
2.	NW-2 (North East Pool)	37.341	79.3928	78.65
3.	NW-3	10.6606	8.3173	9.11
4.	NW-4	1.7906	2.5697	0.98
5.	NW-5	0.6186	3.8514	27.46

**Annexure referred to in reply to part (a) of Lok Sabha Starred Question No. 67 for 20.07.2017 raise by Shri Anandrao Adsul & Shri Shrirang Appa Barne, M.Ps on "Development of Waterways"**

**Annexure**

**111 - NATIONAL WATERWAYS LIST**

<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 alongwith Champakara & Udyogmandal Canal	365	Kerala
4.	Kakinada Puducherry Canal alongwith Godavari & Krishna rivers	2890	Tamil Nadu, Andhra Pradesh, Telanagana
5.	East Coast Canal alongwith Brahmani & 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/ Badi Genguti/ Brahmani River System	156	Odisha
23.	Budha Balanga	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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