

GOVERNMENT OF INDIA  
MINISTRY OF SHIPPING

**LOK SABHA**

**STARRED QUESTION NO.175**

**TO BE ANSWERED ON 28<sup>th</sup> JULY, 2016**

**TRANSPORTATION THROUGH WATERWAYS**

\*175. SHRI PRAHLAD SINGH PATEL:  
SHRI SHRIRANG APPA BARNE:

Will the Minister of SHIPPING be pleased to state:

**पोतपरिवहनमंत्री**

- (a) the details of waterways being used in the country along with length thereof and the number of ships/vessels being run thereon along with the quantum/type of cargo being transported, State/UT-wise;
- (b) the details of funds allocated/released by the Government for their development during the last three years and the current year, State/UT-wise;
- (c) whether the Government proposes to increase the target of transportation through waterways in the country from existing 6 per cent to 15 per cent and if so, the details thereof; (d) whether the big waterways such as river Ganga may be used for medium-size cargo/passenger ships and if so, the details thereof; and
- (e) the other steps taken/being taken by the Government to fully utilise the transportation potential of waterways in the country?

**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.175 BY SHRI PRAHLAD SINGH PATEL & SHRI SHRIRANG APPA BARNE, M.PS ON “TRANSPORTATION THROUGH WATERWAYS”**

(a): Under the National Waterways Act, 2016, 111 inland waterways have been declared as National Waterways (NWs). Both private and government owned vessels transporting cargo, passengers, tourists, vehicles and those undertaking survey work and dredging are plying on the following six NWs:-

- (i) NW-1: Ganga-Bhagirathi-Hooghly river system (Allahabad-Haldia, total length -1620 km) in the states of Uttar Pradesh, Bihar, Jharkhand and West Bengal.
- (ii) NW-2: River Brahmaputra (Dhubri-Sadiya, total length - 891 km) in Assam.
- (iii) NW-3: West Coast Canal (Kottapuram-Kollam) along with Udyogmandal and Champakara Canals, total length -205 km in Kerala.
- (iv) NW-68: Mandovi (41 km) in Goa.
- (v) NW-111: Zuari (50 km) in Goa.
- (vi) NW-97: Sundarbans Waterway (654 km): Indo Bangladesh Protocol Route.

The quantum and type of cargo transported on the above NWs during the last three years is in Table-1.

**Table-1: Quantity and type of cargo**

**( in Lakh M.T.)**

Sl. No.	NW	2013-14	2014-15	2015-16	Type of Cargo Moved
1.	NW- 1	33.49	50.50	39.53	Cement, Fly Ash, Iron ore, Iron Ore Fines, Coal, Steel Shed, Tyres, Iron Fines, Iron ingots, Galvanized Steel Plain Sheet, Stone Chips, Furnace oil, HF HSD, Lube Oil, Boulders, Pulses, Aluminum block, Sand, Ship block, Log, Pulses, Manganese Ore, Petroleum Coke, Coking coal, Rock Phosphate, Timber, Peas, Slag oil, Non coking coal, ODC etc.
2.	NW- 2	24.75	24.92	6.02	Bamboo, Bamboo products, Cement, Building material, fertilizers, Food grains, Milk & other essential commodities etc.
3.	NW -3	10.66	8.44	10.61	Phosphoric Acid, Sulphur, Zinc, Furnace oil, Rock Phosphate, Various commodities in containers, Furnace oil-bunkering, POL(bunkering to ships), Potable water, Lime shell with clay and other impurities, Liquid Effluent.
4.	NW-68 & NW-111	5.99	7.94	4.32*	Iron ore.
5.	NW-97	18.00	18.70	20.00	Fly ash is transported from Kolkata to Bangladesh through this waterway.

**\* Provisional**

(b):The details of funds allocated by the government for the development of Inland Water Transport (IWT) during 2013-14 to 2016-17 are at Table-2.

**Table-2: Funds allocated for development of Inland Water Transport**

<b>Year</b>	<b>Revised Estimate</b>
013-14	Rs. 144 crore
2014-15	Rs. 117.917 crore
015-16	Rs. 298.72 crore
2016-17	Rs. 350 crore (Budget Estimate) Rs. 1000 crore to be raised through bonds by the Inland Waterways Authority of India (IWAI).

(c): As per the National Perspective Plan prepared under the Sagarmalaprogramme, the share of coastal and inland waterways in the country's modal mix is to be increased from 6% to 12% by 2025 through a number of initiatives. The modal share of IWT Sector in the total transportation sector is 0.5% at present. The phase-wise development of 111 declared NWs for navigation and transportation will result in the IWT mode becoming a sustainable and commercially viable mode of transport. The various measures to develop the NWs include fairway development, construction of multimodal terminals, river navigation aids, jetties and terminals, dredging etc.

(d): To enable movement of medium size cargo vessels between Haldia and Varanasi, the Jal Marg Vikas Project for capacity augmentation of NW-1 has been undertaken with technical and financial assistance of the World Bank. The project aims at developing the fairway of NW-1 to enable safe and environment friendly navigation of at least 1,500 ton vessels from Varanasi to Haldia. 2000 tons capacity cargo vessels are already moving in the stretch between Haldia to Farakka.

(e):A major step taken to exploit the vast potential of IWT in the country, is that 106 new waterways have been d

Feasibility Study and Detailed Project Reports (DPRs) are being prepared for the waterways in a phased manner. Depending on the outcome of these studies, development of the NWs would be undertaken in a phased manner. Based on the available reports, six NWs viz. NW- 4 (Kakinada-Puducherry Canal along with Krishna & Godavari rivers), NW- 5 (East Coast Canal with Brahmani& Mahanadi Delta), NW-16 (Barak), NW-37 (Gandak), NW-40 (Ghagra), NW-58 (Kosi) have been taken up for development in the first phase in addition to the 5 NWs that are already being used for cargo and/or passenger transportation.

**STATEMENT REFERRED TO IN REPLY TO PART (e) OF LOK SABHA STARRED QUESTION NO. 175 ANSWERED ON 28th JULY, 2016 REGARDING TRANSPORTATION THROUGH WATERWAYS****LIST OF 111 - NATIONAL WATERWAYS**

<b>Sl. No</b>	<b>National Waterways</b>	<b>Approximate Length (Km.)</b>	<b>State</b>
1.	National Waterway-1	1620	UP, Bihar, Jharkhand, West Bengal
2.	National Waterway-2	891	Assam
3.	National Waterway-3	365	Kerala
4.	National Waterway-4	2890	Tamil Nadu, Andhra Pradesh, Telanagana
5.	National Waterway-5	588	Odisha, West Bengal
6.	National Waterway-6	71	Assam
7.	National Waterway-7	96	West Bengal
8.	National Waterway-8	28	Kerala
9.	National Waterway-9	38	Kerala
10.	National Waterway-10	45	Maharashtra
11.	National Waterway-11	98	Maharashtra
12.	National Waterway-12	5.5	UP
13.	National Waterway-13	11	Tamil Nadu
14.	National Waterway-14	49	Odisha
15.	National Waterway-15	137	West Bengal
16.	National Waterway-16	121	Assam
17.	National Waterway-17	191	HP & Punjab
18.	National Waterway-18	73	Assam
19.	National Waterway-19	68	UP
20.	National Waterway-20	94	Tamil Nadu
21.	National Waterway-21	139	Telangana Karnataka
22.	National Waterway-22	156	Odisha
23.	National Waterway-23	56	Odisha
24.	National Waterway-24	60	UP
25.	National Waterway-25	33	Goa
26.	National Waterway-26	53	J&K & Punjab
27.	National Waterway-27	17	Goa
28.	National Waterway-28	45	Maharashtra
29.	National Waterway-29	135	West Bengal
30.	National Waterway-30	114	Assam
31.	National Waterway-31	110	Assam
32.	National Waterway-32	63	Assam
33.	National Waterway-33	61	Assam
34.	National Waterway-34	130	West Bengal
35.	National Waterway-35	113	West Bengal
36.	National Waterway-36	121	West Bengal
37.	National Waterway-37	300	Bihar & UP

38	National Waterway-38	62	Assam & West Bengal
39	National Waterway-39	49	Meghalaya
40	National Waterway-40	340	Bihar & UP
41	National Waterway-41	112	Karnataka
42	National Waterway-42	518	UP
43	National Waterway-43	10	Karnataka
44	National Waterway-44	64	West Bengal
45	National Waterway-45	650	Haryana, Punjab & Rajasthan
46	National Waterway-46	35	J&K
47	National Waterway-47	131	West Bengal
48	National Waterway-48	590	Rajasthan & Gujarat
49	National Waterway-49	110	J&K
50	National Waterway-50	43	Meghalaya & Assam
51	National Waterway-51	23	Karnataka
52	National Waterway-52	54	Karnataka
53	National Waterway-53	145	Maharashtra
54	National Waterway-54	86	UP & Bihar
55	National Waterway-55	364	Tamil Nadu
56	National Waterway-56	23	Jharkhand
57	National Waterway-57	46	Assam
58	National Waterway-58	236	Bihar
59	National Waterway-59	28	Kerala
60	National Waterway-60	77	West Bengal
61	National Waterway-61	28	Meghalaya
62	National Waterway-62	100	Assam
63	National Waterway-63	327	Rajasthan
64	National Waterway-64	425	Odisha
65	National Waterway-65	81	West Bengal
66	National Waterway-66	248	Gujarat
67	National Waterway-67	94	Karnataka
68	National Waterway-68	41	Goa
69	National Waterway-69	5	Tamil Nadu
70	National Waterway-70	242	Maharashtra, &Telangana
71	National Waterway-71	27	Goa
72	National Waterway-72	60	Maharashtra
73	National Waterway-73	227	Gujarat
74	National Waterway-74	78	Karnataka
75	National Waterway-75	141	Tamil Nadu
76	National Waterway-76	23	Karnataka
77	National Waterway-77	20	Tamil Nadu
78	National Waterway-78	265	Maharashtra &Telangana
79	National Waterway-79	29	Andhra Pradesh
80	National Waterway-80	125	Tamil Nadu
81	National Waterway-81	35	Bihar
82	National Waterway-82	72	Assam
83	National Waterway-83	31	Maharashtra
84	National Waterway-84	42	HP & J&K

85	National Waterway-85	31	Maharashtra
86	National Waterway-86	72	West Bengal
87	National Waterway-87	212	Gujarat
88	National Waterway-88	14	Goa
89	National Waterway-89	46	Maharashtra
90	National Waterway-90	29	Karnataka
91	National Waterway-91	52	Maharashtra
92	National Waterway-92	26	West Bengal
93	National Waterway-93	62	Meghalaya
94	National Waterway-94	160	Bihar
95	National Waterway-95	111	Assam
96	National Waterway-96	314	Jharkhand, West Bengal & Odisha
97	National Waterway-97 (Sunderbans)	654	West Bengal
98	National Waterway-98	377	Punjab & HP
99	National Waterway-99	64	Tamil Nadu
100	National Waterway-100	436	Maharashtra & Gujarat
101	National Waterway-101	42	Nagaland
102	National Waterway-102	86	Mizoram
103	National Waterway-103	73	UP
104	National Waterway-104	230	Telangana, Karnataka & AP
105	National Waterway-105	16	Karnataka
106	National Waterway-106	20	Meghalaya
107	National Waterway-107	45	Tamil Nadu
108	National Waterway-108	53	UP
109	National Waterway-109	164	Maharashtra &Telangana
110	National Waterway-110	1089	Haryana, UP & Delhi
111	National Waterway-111	50	Goa

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