

GOVERNMENT OF INDIA  
MINISTRY OF SHIPPING

**LOK SABHA**  
**UNSTARRED QUESTION NO.812**  
**TO BE ANSWERED ON 21<sup>ST</sup> JULY, 2016**  
**NATIONAL WATERWAYS PROJECTS**

812. KUNWAR BHARATENDRA:  
SHRI VENKATESH BABU T. G.:  
SHRI BHOLA SINGH:  
SHRI RAGHAV LAKHANPAL:  
SHRI A. ARUNMOZHITHEVAN:  
SHRIMATI K. MARAGATHAM:

Will the Minister of SHIPPING be pleased to state:

**पोतपरिवहनमंत्री**

- the present status of progress made towards development of national waterways as per the National Waterways Bill, 2015;
- the list of waterways proposed to be developed as national waterways in the country along with the length thereof;
- the measures taken/being taken by the Government to overcome the socio-economic and environmental challenges likely to be faced during such development;
- the expenditure estimated to be incurred on these projects along with the manner in which these funds are likely to be financed; and
- the extent to which the logistics cost is likely to come down after completion of these projects?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF SHIPPING

(SHRI PON. RADHAKRISHNAN)

(a): As per The National Waterways Act, 2016, 111 waterways have been declared as National Waterways (NWs) including the five existing NWs. Out of the 111 NWs, NW-1, 2, & 3 are already operational. Cargo as well as passenger / cruise vessels are plying on these waterways. DPR for development of NW-4 & 5 were completed in 2010. The DPR of NW 5 was updated in 2014. For the newly declared 106 NWs, techno-economic feasibility studies have been initiated.

(b): A statement indicating the approximate length of each of the 111 NWs is **annexed** herewith.

(c)&(d): Prior to undertaking any developmental activities on NWs, a Techno-Economic Feasibility Study is conducted which inter-alia, includes, Environmental Impact Assessment (EIA), Environmental Management Plan (EMP) and Environmental & Social Impact Assessment (ESIA). Based on these study reports, necessary mitigation measures are taken up as per extant rules and regulation. The extent, scope and expenditure on development of these NWs will be known after completion of these studies.

(e): As per RITES Report of 2014 on “Integrated National Waterways Transportation Grid (INWTG)” the cost comparison between Inland Water Transport (IWT) mode and other mode of surface transport like rail and road is as below:

Mode	Freight ( Rs/TKm )	Taxes	Total Rs / TKm
Railways	1.36	3.71%	1.41
Highways	2.50	3.09%	2.58
IWT	1.06	Nil	1.06

The significant cost saving shows that the promotion of inland water transport (IWT) would have positive impact on the overall logistics cost.

**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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