

**GOVERNMENT OF INDIA
SHIPPING
LOK SABHA**

STARRED QUESTION NO:67

ANSWERED ON:20.07.2017

Development of Waterways

Adsul Shri Anandrao ;Shrirang Shri Chandu 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 12th 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:

<pre>

(In million tonnes)

Year NW -1 NW-2 NW-3 NWs in Goa# NWs in Maharashtra# Total

2014-15 5.05 0.52 0.96 - 6.53

2015-16 6.24 0.60 1.06 - - 7.90

2016-17* 4.62 0.61 1.03 15.65 33.29 55.20

</pre>

* Provisional

Inland Waterways of these states declared as 'National Waterways' on 12th 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

<pre>

(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 |

</pre>

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 Shirangappa Barne, M.Ps on "Development of Waterways"

Annexure

111 - NATIONAL WATERWAYS LIST

<pre>

National Waterway Number Name of National Waterways Length (Kms.) State

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 Ponnaiyar 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
Katakhalı 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
</pre>
