

GOVERNMENT OF INDIA
MINISTRY OF SHIPPING

LOK SABHA

UNSTARRED QUESTION NO.3232

TO BE ANSWERED ON 15th MARCH, 2018

DEVELOPMENT OF NATIONAL WATERWAYS

3232. SHRI K. PARASURAMAN:
SHRI G.M. SIDDESHWARA:

Will the Minister of SHIPPING be pleased to state:

पोत परिवहन मंत्री

- (a) the present status of progress made so far in the development of the already declared 111 National waterways, river-wise;
- (b) the details of proposals received and pending with the Union Government regarding the development of waterways in the country;
- (c) the details of action taken by the Union Government on these proposals; and
- (d) the proposed plan of action of the Union Government in this regard?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

(a): Out of the 111 National Waterways (NWs) declared under the National Waterways Act, 2016, NWs-1, 2 and 3 are operational and cargo and passenger vessels are moving on them; on NW-4, the development works under Phase-I from Muktyala to Vijaywada have commenced in 2017; for development of NW-5, preparation of DPR including Front End Engineering Design (FEED) for the construction of weirs/ barrages with navigational locks and check dams between Pankapal and Paradip/ Dhamra (Phase-I) has been sanctioned.

The Jal Marg Vikas Project (JMVP) has been commissioned with technical and financial assistance of the World Bank for the capacity augmentation of NW-1 (Ganga) from Haldia to Varanasi (1380 km). This project would be completed by 2022-23 at an estimated cost of Rs. 5,369 crore.

Further, out of the 106 new NWs and as per the feasibility reports completed so far, 36 NWs have been found technically viable. Out of these 36 NWs, development activities have been initiated on 8 NWs in 2017-18 indicated in **Annex-1**. The status of Detailed Project Reports (DPRs) of 28 NWs is at **Annex-2**. The status of feasibility study of 50 NWs is at **Annex-3**. A list of 20 NWs not found to be technically viable for development is at **Annex-4**.

(b)to(d):No proposal for declaration of any new waterway as a National Waterway is pending with the Government at present..

List of 8 new National Waterways taken up for development in 2017-18

Name of the Waterway	Status
1. River Barak (NW-16)	Phase -1 of NW-16 from Silchar to Bhanga is being developed at a cost of Rs. 76.01 crore. Maintenance dredging for fairway development work in Silchar-Bhanga stretch has commenced. DPRs for the upgradation of terminals at Badarpur, Karimganj and new floating terminal at Silchar are at an advanced stage.
2. River Gandak (NW-37)	Proposal for development at a cost of Rs. 12.91 crore has been approved on 02.06.2017 and fairway maintenance work has commenced.
Waterways in Goa 3. NW-27-Cumberjua 4. NW 68 – Mandovi 5. NW 111 – Zuari	A proposal for the development of NWs in Goa at an estimated cost of Rs. 22.65 crore has been approved on 02.06.2017. Work is proposed to be executed through Government of Goa with the assistance of Mormugao Port Trust. A Tripartite MoU is expected to be signed for the commencement of works.
6. Alappuzha – Kottayam – Athirampuzha Canal (NW-9) :	Proposal for development of the waterway at an estimated cost of Rs. 1.60 crore has been approved on 02.06.2017. Tendering for night navigation facilities has been completed. Dredging is proposed departmentally.
7. River Rupnarayan (NW-86)	Proposal for development of the waterway at an estimated cost of Rs. 24.00 crore has been approved on 02.06.2017. Work has been awarded for setting up of floating terminal.
8. Sunderbans Waterways (NW-97)	Proposal for the development of waterway at an estimated cost of Rs. 18.10 crore has been sanctioned on 10.08.2017. Tender for dredging and floating terminals are in advanced stages.

Status of DPR of 28 NWs			
Sl. No.	River/Canal (NW#)	States	Length (km)
DPRs received			
1	GHAGHRA RIVER (NW-40)	U.P & Bihar	354
2	KOSI RIVER (NW-58)	Bihar	236
3	SUBANSIRI RIVER (NW-95)	Assam	106
4	BAITARNI RIVER (NW-14)	Odisha	48
5	MAHANADI -LUNA RIVER (NW-64)	Odisha	98
6	AMBA RIVER (NW-10)	Maharashtra	45
7	REVADANDA CREEK - KUNDALIKA RIVER (NW-85)	Maharashtra	31
8	MAHI RIVER (NW-66)	Gujarat	247
9	NARMADA RIVER (NW-73)	Gujarat & Maharashtra	226
10	TAPI RIVER (NW-100)	Gujarat	173
11	SUBARNAREKHA RIVER (NW-96)	Odisha	30
12	AJOY (AJAY) RIVER (NW-7)	West Bengal	19
13	ICHAMATI RIVER (NW-44)	West Bengal	63
14	KABINI RIVER (NW-51)	Karnataka	23
15	CHAPORA RIVER (NW-25)	Goa	25
16	DABHOL CREEK - VASHISHTI RIVER (NW-28)	Maharashtra	45
17	MAPUSA - MOIDE RIVER (NW-71)	Goa	27
18	SAVITRI RIVER (BANKOT CREEK) (NW-89)	Maharashtra	45
19	GURUPUR RIVER (NW-43)	Karnataka	10
20	NETRAVATHI RIVER (NW-74)	Karnataka	30
21	KALI RIVER (NW-52)	Karnataka	53
22	SHARAVATI RIVER (NW-90)	Karnataka	29
DPRs under preparation			
23	ALAPPUZHA- CHANGANASSERY CANAL (NW-8)	Kerala	29
24	KOTTAYAM-VAIKOM CANAL (NW-59)	Kerala	19
25	Kalyan-Thane-Mumbai Waterway, Vasai Creek and Ulhas river (NW- 53)	Maharashtra	145
26	Tizu and Zungki rivers (NW-101)	Nagaland	42
27	Yamuna (NW-110)	Delhi, Haryana and Uttar Pradesh	1089
28	Jhelum (NW-49)	Jammu & Kashmir	110

Status of feasibility studies of 50 NWs

Sl. No.	Name of the Waterways	State	Length (km)	Status of Studies
1	AAI RIVER (NW-6)	Assam	68	Field work completed. Draft feasibility reports examined and comments issued for finalisation of reports.
2	BEKI RIVER (NW-18)	Assam	69	
3	DEHING RIVER (NW-30)	Assam	109	
4	DIKHU RIVER (NW-32)	Assam	63	
5	DOYANS RIVER (NW-33)	Assam	61	
6	GANGADHAR RIVER (NW-38)	Assam & West Bengal	62	
7	JINJIRAM RIVER (NW-50)	Assam & Meghalaya	43	
8	KOPI LI RIVER (NW-57)	Assam	49	
9	PUTHIMARI RIVER (NW-82)	Assam	72	
10	TLWANG (DHALESWARI) RIVER (NW-102)	Assam & Mizoram	87	
11	GANOL RIVER (NW-39)	Meghalaya	49	
12	UMNGOT (DAWKI) RIVER (NW-106)	Meghalaya	20	
13	SIMSANG RIVER (NW-93)	Meghalaya	63	
14	KYN Shi RIVER (NW-61)	Meghalaya	28	
15	TUNGABHADRA RIVER (NW-104)	Andhra Pradesh, Karnataka & Telangana	230	Report under examination
16	BHEEMA RIVER (NW-21)	Telangana & Karnataka	139	Report under examination
17	MANJARA RIVER (NW-70)	Telangana & Maharashtra	241	Further cargo study proposed.
18	PENGANAGA - WARDHA RIVER SYSTEM (NW-78)	Telangana & Maharashtra	265	Further cargo study proposed.
19	WAINGANGA - PRANAHITA RIVER SYSTEM (NW-109)	Telangana & Maharashtra	166	Report under examination
20	GHATAPRABHA RIVER (NW-41)	Karnataka	112	Report under examination
21	MALAPRABHA RIVER (NW-67)	Karnataka	94	Report under examination
22	ARUNAWATI - ARAN RIVER SYSTEM (NW-11)	Maharashtra	99	Report under examination
23	NAG RIVER (NW-72)	Maharashtra	60	Report under examination
24	MANIMUTHARU RIVER (NW-69)	Tamil Nadu	5	Report under examination
25	VAIGAI RIVER (NW-107)	Tamil Nadu	46	Report under examination
26	BHAVANI RIVER (NW-20)	Tamil Nadu	94	State Govt. may be requested for further proposals.
27	AVM CANAL (NW-13)	Tamil Nadu & Kerala	11	Report under examination
28	LUNI RIVER (NW-63)	Rajasthan	336	Report under examination
29	CHENAB RIVER (NW-26)	Jammu and Kashmir	51	Survey in balance stretch of 18 km is planned as requested by J&K Govt.

30	INDUS RIVER (NW-46)	Jammu and Kashmir	35	Further proposal from J&K Govt. is being requested.
31	RAVI RIVER (NW-84)	Jammu and Kashmir, Himachal Pradesh & Punjab	44	Further proposal from J&K Govt. is being requested.
32	BETWA RIVER (NW-19)	Uttar Pradesh	67	Further study required.
33	ASI RIVER (NW-12)	Uttar Pradesh	5.5	Report under examination
34	VARUNA RIVER (NW-108)	Uttar Pradesh	53	Further study required.
35	GOMTI RIVER (NW-42)	Uttar Pradesh	514	Further study required.
36	KARAMNASA RIVER (NW-54)	Bihar & Uttar Pradesh	86	Report under examination
37	TONS RIVER (NW-103)	Uttar Pradesh	73	Further study required.
	Tons & Beehar river	Madhya Pradesh	116	Report under examination
38	PUNPUN RIVER (NW-81)	Bihar	35	Further study required.
39	SONE RIVER (NW-94)	Bihar	141	Further study required.
40	JALANGI RIVER (NW-47)	West Bengal	131	Further study required.
41	CHAMBAL RIVER (NW-24)	Uttar Pradesh	60	Further study required.
42	KUMARI RIVER (NW-60)	West Bengal	77	Report under examination
43	KHERKAI RIVER (NW-56)	Jharkhand	23	Report under examination
44	BAKRESWAR - MAYURAKSHI RIVER SYSTEM (NW-15)	West Bengal	137	Report under examination
45	DWARKA RIVER (NW-36)	West Bengal	121	Further study required.
46	MAHANANDA RIVER (NW-65)	West Bengal	81	Report under preparation.
47	JAWAI-LUNI-RANN OF KUTCH (NW-48)	Rajasthan & Gujarat	590	Report under preparation .
48	Beas (NW-17)	Himachal Pradesh & Punjab	191	Security clearance awaited from Govt. of Punjab and Himachal Pradesh.
49	Sutlej (NW-98)	Himachal Pradesh & Punjab	377	
50	INDIRA GANDHI CANAL (NW-45)	Rajasthan, Haryana and Punjab	650	1) Survey of 373 km stretch in Rajasthan completed and report being finalized. 2) Security clearance awaited from Govt. of Punjab and Rajasthan for remaining stretch.

List of 20 Nos. National Waterways not found technically viable

Sl. No.	Name of the Waterways	State	Length (km)
1	DHANSIRI / CHATHE RIVER (NW-31)	Assam	114
2	LOHIT RIVER (NW-62)	Arunachal Pradesh & Assam	86
3	DVC CANAL (NW-34)	West Bengal	137
4	DAMODAR RIVER (NW-29)	West Bengal	132
5	DWAREKESWAR RIVER (NW-35)	West Bengal	108
6	SILABATI RIVER (NW-92)	West Bengal	26
7	BIRUPA - BADI GENGUTI - BRAHMANI RIVER SYSTEM (NW-22)	Odisha	156
8	BUDHA BALANGA (NW-23)	Odisha	56
9	PENNNAR RIVER (NW-79)	Andhra Pradesh	28
10	PANCHAGANGAVAJI (PANCHAGANGOLI) RIVER (NW-76)	Karnataka	23
11	UDAYAVARA RIVER (NW-105)	Karnataka	15
12	RAJPURI CREEK (NW-83)	Maharashtra	31
13	SHASTRI RIVER - JAIGAD CREEK SYSTEM (NW-91)	Maharashtra	52
14	SAL RIVER (NW-88)	Goa	14
15	KAVERI - KOLLIDAM RIVER SYSTEM (NW-55)	Tamil Nadu	311
16	PALAR RIVER (NW-75)	Tamil Nadu	142
17	PAZHAR RIVER (NW-77)	Tamil Nadu	20
18	PONNIYAR RIVER (NW-80)	Tamil Nadu	126
19	TAMARAPARANI RIVER (NW-99)	Tamil Nadu	62
20	SABARMATI RIVER (NW-87)	Gujarat	210
