

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS  
LOK SABHA  
UNSTARRED QUESTION NO. 1143  
ANSWERED ON 22/07/2022

**DEVELOPMENT OF WATERWAYS**

1143. SHRI KANAKMAL KATARA:  
SHRI RAVI KISHAN:  
SHRI RAVINDRA KUSHWAHA:  
SHRI RAM KRIPAL YADAV:  
SHRI SUBRAT PATHAK:  
SHRI HEMANT SRIRAM PATIL:  
SHRI MANOJ TIWARI:  
SHRI JASWANT SINGH BHABHOR:

Will the Minister of PORTS, SHIPPING AND WATERWAYS be pleased to state:

**पत्तन, पोत परिवहन और जलमार्ग मंत्री**

- (a) whether the Government has framed/proposes to frame any policy for development of waterways in the country and if so, the details thereof along with the details of locations/distances/routes identified by the Government for the purpose;
- (b) whether the Government has received any proposals from the State Governments regarding the development of waterways and if so, the details thereof, State-wise including Maharashtra, Gujarat and Rajasthan;
- (c) the number of port terminals developed under the Waterways Development Project;
- (d) the details of waterways, where traveller ferry and freight services have been started during the last three years, UT-wise; and
- (e) the name of the waterways where traveller ferry and freight services are proposed to be started ?

**ANSWER**

MINISTER OF PORTS, SHIPPING AND WATERWAYS  
(SHRI SARBANANDA SONOWAL)

- (a) To promote inland water transport (IWT) in the country, 111 inland waterways spread over 24 states have been declared as National Waterways (NWs) under National Waterway Act, 2016. The list of these NWs is placed at **Annex-1**. Based on the outcome of techno-economic feasibility and Detailed Project Reports (DPRs) of these NWs, action plan has been formulated by IWAI for 26 NWs found viable for

cargo/passenger movement (Details at **Annex-2**). Development activities have been initiated in the first 13 NWs out of the 26 viable NWs.

(b) A proposal from Govt. of Kerala was received in August 2018 requesting equity participation by IWAI in Kerala Waterways Infrastructure Limited (KWIL) for development of inland waterways in Kerala, especially for extension of NW-3 southwards from Kollam to Kovalam and northwards from Kozhikode to Bekal. After examination, Govt. of Kerala was informed that the erstwhile Ministry of Shipping is focusing on the development of technically and economically viable NWs and no new inland waterway or further extension of any existing NW is being considered for development at present.

Maharashtra Maritime Board (MMB) on behalf of Maharashtra Government had forwarded proposal to IWAI in June, 2018 for establishment of Vessel Traffic System (VTS) at Dharamtar ports in NW-10. IWAI advised the MMB that the VTS be executed on BOOT (Build, Own, Operate and Transfer) basis. Another proposal received from MMB for construction of passenger jetties and infrastructure facilities at 04 locations on National Waterway-53 has been approved for financial assistance under Sagarmala Programme as per details given in the **Annex-3**.

Proposal from State Govt. of Karnataka for financial assistance for construction of passenger jetties and infrastructure facilities on waterways in Karnataka has been approved under Sagarmala Scheme, details of which is at **Annex-4**.

Further, the Ministry of Ports, Shipping and Waterways has a central sector scheme under which 100% financial assistance is given for development of waterways in the North Eastern Region. The details of waterways development projects received from North Eastern State under Central Sector Scheme is at **Annex-5**.

No proposals have been received from State Government of Rajasthan & Gujarat.

(c) There are 21 permanent river terminals developed on National Waterways i.e 5 on NW-1, 2 on NW-2, 12 on NW-3 and on 2 on NW-16 under the waterway development project.

(d) No freight services has been started by IWAI in Union Territories during the last three years.

(e) The traveller ferry services does not come under the mandate of IWAI. Details of freight services is at **Annex-6**.

**List of 111 National Waterways**

(Government of India has declared 111 waterways as National Waterways through National Waterways Act, 2016 enacted on 12.04.2016).

| Sl. No. | National Waterway No. | Length (km) | Details of Waterways                                                                                       | STATES                                                                                     |
|---------|-----------------------|-------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1       | National Waterway 1   | 1620        | Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)                                                 | Uttar Pradesh, Bihar, Jharkhand & West Bengal                                              |
| 2       | National Waterway 2   | 891         | Brahmaputra River (Dhubri - Sadiya)                                                                        | Assam                                                                                      |
| 3       | National Waterway 3   | 205         | West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals                                  | Kerala                                                                                     |
|         |                       | 170         | West Coast Canal (Kottapuram - Kozhikode)                                                                  |                                                                                            |
| 4       | National Waterway 4   | 50          | Kakinada Canal (Kakinada to Rajahmundry)                                                                   | Andhra Pradesh, Telangana, Chhattisgarh, Karnataka, Tamil Nadu, Pondichery and Maharashtra |
|         |                       | 171         | Godavari river (Bhadrachalam to Rajahmundry)                                                               |                                                                                            |
|         |                       | 139         | Eluru Canal (Rajahmundry to Vijayawada)                                                                    |                                                                                            |
|         |                       | 157         | Krishna river (Wazirabad to Vijayawada)                                                                    |                                                                                            |
|         |                       | 113         | Commamur Canal (Vijayawada to Peddaganjam)                                                                 |                                                                                            |
|         |                       | 316         | North Buckingham Canal (Peddaganjam to Central Station of Chennai)                                         |                                                                                            |
|         |                       | 110         | South Buckingham canal (Central Station of Chennai to Marakanam)                                           |                                                                                            |
|         |                       | 22          | Marakanam to Puducherry through Kaluvelly tank                                                             |                                                                                            |
|         |                       | 1202        | River Godavari (Bhadrachalam - Nashik)                                                                     |                                                                                            |
| 5       | National Waterway 5   | 256         | East Coast Canal and Matai river                                                                           | Odisha and West Bengal                                                                     |
|         |                       | 265         | Brahmani-Kharsua-Dhamra rivers                                                                             |                                                                                            |
|         |                       | 67          | Mahanadi delta rivers (Consisting of Hansua river, Nunanala, Gobrinala, Kharnasi river and Mahanadi river) |                                                                                            |

| Sl. No. | National Waterway No. | Length (km) | Details of Waterways                          | STATES                            |
|---------|-----------------------|-------------|-----------------------------------------------|-----------------------------------|
| 6       | National Waterway 6   | 68          | Aai River                                     | Assam                             |
| 7       | National Waterway 7   | 90          | Ajoy (Ajay) River                             | West Bengal                       |
| 8       | National Waterway 8   | 29          | Alappuzha- Changanassery Canal                | Kerala                            |
| 9       | National Waterway 9   | 40          | Alappuzha- Kottayam Athirampuzha Canal        | Kerala<br>Alternate route: 11.5km |
| 10      | National Waterway 10  | 45          | Amba River                                    | Maharashtra                       |
| 11      | National Waterway 11  | 99          | Arunawati - Aran River System                 | Maharashtra                       |
| 12      | National Waterway 12  | 5.5         | Asi River                                     | Uttar Pradesh                     |
| 13      | National Waterway 13  | 11          | Avm Canal                                     | Kerala & Tamil Nadu               |
| 14      | National Waterway 14  | 48          | Baitarni River                                | Odisha                            |
| 15      | National Waterway 15  | 135         | Bakreswar - Mayurakshi River System           | West Bengal                       |
| 16      | National Waterway 16  | 121         | Barak River                                   | Assam                             |
| 17      | National Waterway 17  | 189         | Beas River                                    | Himachal Pradesh & Punjab         |
| 18      | National Waterway 18  | 69          | Beki River                                    | Assam                             |
| 19      | National Waterway 19  | 67          | Betwa River                                   | Uttar Pradesh                     |
| 20      | National Waterway 20  | 95          | Bhavani River                                 | Tamil Nadu                        |
| 21      | National Waterway 21  | 139         | Bheema River                                  | Karnataka & Telangana             |
| 22      | National Waterway 22  | 156         | Birupa - Badi Genguti - Brahmani River System | Odisha                            |
| 23      | National Waterway 23  | 56          | Budha Balanga                                 | Odisha                            |
| 24      | National Waterway 24  | 61          | Chambal River                                 | Uttar Pradesh                     |
| 25      | National Waterway 25  | 33          | Chapora River                                 | Goa                               |
| 26      | National Waterway 26  | 51          | Chenab River                                  | Jammu & Kashmir                   |
| 27      | National Waterway 27  | 17          | Cumberjua River                               | Goa                               |
| 28      | National Waterway 28  | 45          | Dabhol Creek -Vashishti River System          | Maharashtra                       |

| Sl. No. | National Waterway No. | Length (km) | Details of Waterways                  | STATES                       |
|---------|-----------------------|-------------|---------------------------------------|------------------------------|
| 29      | National Waterway 29  | 132         | Damodar River                         | West Bengal                  |
| 30      | National Waterway 30  | 109         | Dehing River                          | Assam                        |
| 31      | National Waterway 31  | 114         | Dhansiri / Chathe                     | Assam                        |
| 32      | National Waterway 32  | 63          | Dikhu River                           | Assam                        |
| 33      | National Waterway 33  | 61          | Doyans River                          | Assam                        |
| 34      | National Waterway 34  | 137         | Dvc Canal                             | West Bengal                  |
| 35      | National Waterway 35  | 108         | Dwarekeswar River                     | West Bengal                  |
| 36      | National Waterway 36  | 119         | Dwarka River                          | West Bengal                  |
| 37      | National Waterway 37  | 296         | Gandak River                          | Bihar & Uttar Pradesh        |
| 38      | National Waterway 38  | 62          | Gangadhar River                       | Assam & West Bengal          |
| 39      | National Waterway 39  | 49          | Ganol River                           | Meghalaya                    |
| 40      | National Waterway 40  | 354         | Ghaghra River                         | Bihar & Uttar Pradesh        |
| 41      | National Waterway 41  | 112         | Ghataprabha River                     | Karnataka                    |
| 42      | National Waterway 42  | 514         | Gomti River                           | Uttar Pradesh                |
| 43      | National Waterway 43  | 10          | Gurupur River                         | Karnataka                    |
| 44      | National Waterway 44  | 63          | Ichamati River                        | West Bengal                  |
| 45      | National Waterway 45  | 650         | Indira Gandhi Canal                   | Punjab , Haryana & Rajasthan |
| 46      | National Waterway 46  | 35          | Indus River                           | Jammu & Kashmir              |
| 47      | National Waterway 47  | 131         | Jalangi River                         | West Bengal                  |
| 48      | National Waterway 48  | 590         | Jawai-Luni-Rann Of Kutch River System | Gujarat & Rajasthan          |
| 49      | National Waterway 49  | 110         | Jhelum River                          | Jammu & Kashmir              |
| 50      | National Waterway 50  | 43          | Jinjiram River                        | Assam & Meghalaya            |
| 51      | National Waterway 51  | 23          | Kabini River                          | Karnataka                    |
| 52      | National Waterway 52  | 53          | Kali River                            | Karnataka                    |

| Sl. No. | National Waterway No. | Length (km) | Details of Waterways                                             | STATES                    |
|---------|-----------------------|-------------|------------------------------------------------------------------|---------------------------|
| 53      | National Waterway 53  | 145         | Kalyan-Thane-Mumbai Waterway, Vasai Creek And Ulhas River System | Maharashtra               |
| 54      | National Waterway 54  | 86          | Karamnasa River                                                  | Bihar & Uttar Pradesh     |
| 55      | National Waterway 55  | 311         | Kaveri - Kollidam River System                                   | Tamil Nadu                |
| 56      | National Waterway 56  | 22          | Kherkai River                                                    | Jharkhand                 |
| 57      | National Waterway 57  | 50          | Kopili River                                                     | Assam                     |
| 58      | National Waterway 58  | 236         | Kosi River                                                       | Bihar                     |
| 59      | National Waterway 59  | 19          | Kottayam-Vaikom Canal                                            | Kerala                    |
| 60      | National Waterway 60  | 80          | Kumari River                                                     | West Bengal               |
| 61      | National Waterway 61  | 28          | Kynshi River                                                     | Meghalaya                 |
| 62      | National Waterway 62  | 86          | Lohit River                                                      | Assam & Arunachal Pradesh |
| 63      | National Waterway 63  | 336         | Luni River                                                       | Rajasthan                 |
| 64      | National Waterway 64  | 426         | Mahanadi River                                                   | Odisha                    |
| 65      | National Waterway 65  | 80          | Mahananda River                                                  | West Bengal               |
| 66      | National Waterway 66  | 247         | Mahi River                                                       | Gujarat                   |
| 67      | National Waterway 67  | 94          | Malaprabha River                                                 | Karnataka                 |
| 68      | National Waterway 68  | 41          | Mandovi River                                                    | Goa                       |
| 69      | National Waterway 69  | 5           | Manimutharu River                                                | Tamil Nadu                |
| 70      | National Waterway 70  | 245         | Manjara River                                                    | Maharashtra & Telangana   |
| 71      | National Waterway 71  | 27          | Mapusa / Moide River                                             | Goa                       |
| 72      | National Waterway 72  | 59          | Nag River                                                        | Maharashtra               |
| 73      | National Waterway 73  | 226         | Narmada River                                                    | Maharashtra & Gujarat     |
| 74      | National Waterway 74  | 79          | Netravathi River                                                 | Karnataka                 |
| 75      | National Waterway 75  | 142         | Palar River                                                      | Tamil Nadu                |
| 76      | National              | 23          | Panchagangavali                                                  | Karnataka                 |

| Sl. No. | National Waterway No. | Length (km) | Details of Waterways                     | STATES                                     |
|---------|-----------------------|-------------|------------------------------------------|--------------------------------------------|
|         | Waterway 76           |             | (Panchagangoli) River                    |                                            |
| 77      | National Waterway 77  | 20          | Pazhyar River                            | Tamil Nadu                                 |
| 78      | National Waterway 78  | 262         | Penganaga - Wardha River System          | Maharashtra & Telangana                    |
| 79      | National Waterway 79  | 28          | Pennar River                             | Andhra Pradesh                             |
| 80      | National Waterway 80  | 126         | Ponniyar River                           | Tamil Nadu                                 |
| 81      | National Waterway 81  | 35          | Punpun River                             | Bihar                                      |
| 82      | National Waterway 82  | 58          | Puthimari River                          | Assam                                      |
| 83      | National Waterway 83  | 31          | Rajpuri Creek                            | Maharashtra                                |
| 84      | National Waterway 84  | 44          | Ravi River                               | Jammu & Kashmir, Himachal Pradesh & Punjab |
| 85      | National Waterway 85  | 31          | Revadanda Creek - Kundalika River System | Maharashtra                                |
| 86      | National Waterway 86  | 72          | Rupnarayan River                         | West Bengal                                |
| 87      | National Waterway 87  | 210         | Sabarmati River                          | Gujarat                                    |
| 88      | National Waterway 88  | 14          | Sal River                                | Goa                                        |
| 89      | National Waterway 89  | 45          | Savitri River (Bankot Creek)             | Maharashtra                                |
| 90      | National Waterway 90  | 29          | Sharavati River                          | Karnataka                                  |
| 91      | National Waterway 91  | 52          | Shastri River - Jaigad Creek System      | Maharashtra                                |
| 92      | National Waterway 92  | 26          | Silabati River                           | West Bengal                                |
| 93      | National Waterway 93  | 63          | Simsang River                            | Meghalaya                                  |
| 94      | National Waterway 94  | 141         | Sone River                               | Bihar                                      |
| 95      | National Waterway 95  | 106         | Subansiri River                          | Assam                                      |
| 96      | National Waterway 96  | 311         | Subarnrekha River                        | Jharkhand, West Bengal & Odisha            |
| 97      | National Waterway 97  | 172         | Sunderbans Waterway                      | West Bengal                                |
|         |                       | 56          | Bidya River                              | West Bengal                                |

| Sl. No. | National Waterway No. | Length (km)    | Details of Waterways                       | STATES                                |
|---------|-----------------------|----------------|--------------------------------------------|---------------------------------------|
|         |                       | 15             | Chhota Kalagachi (Chhoto Kalergachi) River | West Bengal                           |
|         |                       | 7              | Gomar River                                | West Bengal                           |
|         |                       | 16             | Haribhanga River                           | West Bengal                           |
|         |                       | 37             | Hogla (Hogal)-Pathankhali River            | West Bengal                           |
|         |                       | 9              | Kalindi (Kalandi) River                    | West Bengal                           |
|         |                       | 22             | Katakhali River                            | West Bengal                           |
|         |                       | 99             | Matla River                                | West Bengal                           |
|         |                       | 28             | Muri Ganga (Baratala) River                | West Bengal                           |
|         |                       | 53             | Raimangal River                            | West Bengal                           |
|         |                       | 14             | Sahibkhali (Sahebkhali) River              | West Bengal                           |
|         |                       | 37             | Saptamukhi River                           | West Bengal                           |
|         |                       | 64             | Thakurran River                            | West Bengal                           |
| 98      | National Waterway 98  | 377            | Sutlej River                               | Himachal Pradesh & Punjab             |
| 99      | National Waterway 99  | 62             | Tamaraparani River                         | Tamil Nadu                            |
| 100     | National Waterway 100 | 436            | Tapi River                                 | Maharashtra & Gujarat                 |
| 101     | National Waterway 101 | 42             | Tizu - Zungki Rivers                       | Nagaland                              |
| 102     | National Waterway 102 | 87             | Tiwang (Dhaleswari River)                  | Assam & Mizoram                       |
| 103     | National Waterway 103 | 73             | Tons River                                 | Uttar Pradesh                         |
| 104     | National Waterway 104 | 232            | Tungabhadra River                          | Karnataka, Telangana & Andhra Pradesh |
| 105     | National Waterway 105 | 15             | Udayavara River                            | Karnataka                             |
| 106     | National Waterway 106 | 20             | Umngot (Dawki) River                       | Meghalaya                             |
| 107     | National Waterway 107 | 46             | Vaigai River                               | Tamil Nadu                            |
| 108     | National Waterway 108 | 53             | Varuna River                               | Uttar Pradesh                         |
| 109     | National Waterway 109 | 166            | Wainganga - Pranahita River System         | Maharashtra & Telangana               |
| 110     | National Waterway 110 | 1080           | Yamuna River                               | Delhi, Haryana & Uttar Pradesh        |
| 111     | National Waterway 111 | 50             | Zuari River                                | Goa                                   |
|         | <b>Total Length</b>   | <b>20162.5</b> |                                            |                                       |

**LIST OF 26 NATIONAL WATERWAYS FOUND FEASIBLE FOR CARGO / PASSENGER MOVEMENT**

| Sl. No | National Waterway     | Details of Waterways                                                      | STATES                                        | Status                                                                             |
|--------|-----------------------|---------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------|
| 1      | National Waterway 1   | Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)                | Uttar Pradesh, Bihar, Jharkhand & West Bengal | Development taken up with Assistance from World Bank <b>Jal Marg Vikas Project</b> |
| 2      | National Waterway 2   | Brahmaputra River (Dhubri - Sadiya)                                       | Assam                                         | Development taken up as per approved SFC for FY 2020-21 to 2024-25                 |
| 3      | National Waterway 16  | Barak River                                                               | Assam                                         |                                                                                    |
| 4      | National Waterway 3   | West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals | Kerala                                        |                                                                                    |
| 5      | National Waterway 4   | Krishna River (Vijayawada - Muktyala)                                     | Andhra Pradesh                                | Mostly Operational Waterways and development and maintenance work taken up.        |
| 6      | National Waterway 5   | Dhamra-Paradio via Mangalagadi to Pankopal                                | Odisha                                        |                                                                                    |
| 7      | National Waterway 8   | Alappuzha- Changanassery Canal                                            | Kerala                                        |                                                                                    |
| 8      | National Waterway 9   | Alappuzha - Kottayam - Athirampuzha Canal                                 | Kerala (Alternate route: 11.5km)              |                                                                                    |
| 9      | National Waterway 27  | Cumberjua River                                                           | Goa                                           |                                                                                    |
| 10     | National Waterway 68  | Mandovi River                                                             | Goa                                           |                                                                                    |
| 11     | National Waterway 86  | Rupnarayan River                                                          | West Bengal                                   |                                                                                    |
| 12     | National Waterway 97  | Sunderbans Waterway                                                       | West Bengal                                   |                                                                                    |
| 13     | National Waterway 111 | Zuari River                                                               | Goa                                           |                                                                                    |
| 14     | National Waterway 10  | Amba River                                                                | Maharashtra                                   |                                                                                    |
| 15     | National Waterway 40  | Ghagra River                                                              | Bihar                                         |                                                                                    |
| 16     | National Waterway 44  | Ichamati River                                                            | West Bengal                                   |                                                                                    |
| 17     | National Waterway 52  | Kali River                                                                | Karnataka                                     |                                                                                    |
| 18     | National Waterway 57  | Kopili River                                                              | Assam                                         |                                                                                    |
| 19     | National Waterway 25  | Chapora River                                                             | Goa                                           |                                                                                    |
| 20     | National Waterway     | Gandak River                                                              | Bihar                                         |                                                                                    |

|    |                          |                                             |                          |
|----|--------------------------|---------------------------------------------|--------------------------|
|    | 37                       |                                             |                          |
| 21 | National Waterway<br>28  | Dabhol Creek Vasisti River                  | Maharashtra              |
| 22 | National Waterway<br>73  | Narmada River                               | Maharashtra &<br>Gujarat |
| 23 | National Waterway<br>85  | Revadanda Creek -<br>Kundalika River System | Maharashtra              |
| 24 | National Waterway<br>94  | Sone River                                  | Bihar                    |
| 25 | National Waterway<br>100 | Tapi River                                  | Maharashtra &<br>Gujarat |
| 26 | National Waterway<br>31  | Dhansiri River                              | Assam                    |

**Annex-3**

| S.no | Name of Work                                        | Project cost ( In Rs) | Date of in-principle approval conveyed to MMB |
|------|-----------------------------------------------------|-----------------------|-----------------------------------------------|
| 1.   | Construction of jetty at Dombivali, Dist Thane      | Rs.21,30,13,083/-     | 22.09.2021                                    |
| 2.   | Construction of jetty at Kolshet, Dist Thane        | Rs.30,36,18,268/-     | 27.09.2021                                    |
| 3.   | Construction of jetty at Mira-Bhayander, Dist Thane | Rs.24,46,21,227/-     | 27.09.2021                                    |
| 4.   | Construction of jetty at Kalher, Dist Thane         | Rs.23,55,42,490/-     | 27.09.2021                                    |
|      | Total                                               | Rs. 99,67,95,068/-    |                                               |

**Financial assistance for construction of passenger jetties and infrastructure facilities on waterways in Karnataka:**

| S.no     | Name of Work                                                                                      | Project cost<br>( in Cr) |
|----------|---------------------------------------------------------------------------------------------------|--------------------------|
| <b>1</b> | Integrated Development of Tadadi – Aghanashini Waterway in Kumta Taluka of Uttar Kannada District | <b>20</b>                |
| <b>2</b> | Development of waterways from Almatti to Bagalkot in Karnataka                                    | <b>12.20</b>             |
| <b>3</b> | Development of waterways on Gurupur (NW-43) in Mangalore Taluka of Karnataka                      | <b>29.62</b>             |

**Proposal received for Development of Waterways in North Eastern Estate under Central Sector Scheme (CSS)**

| Sl. No. | State             | Name of Project                                                                                                                 | Project Cost (₹ in Cr) |
|---------|-------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1       | Assam             | Construction of 15 Nos. (17.0m long) floating terminals at 15 Ghats on NW2 (Assam)                                              | 6.07                   |
|         |                   | Construction of 15 Nos. of (17.0m long) floating terminals at 15 Ghats on NW16 (Assam)                                          | 6.37                   |
|         |                   | Construction of 25Nos (17.0m long) floating terminals at 25 Ghats on NW2 (Assam)                                                | 10.97                  |
|         |                   | Construction of 16Nos (25.0m long) floating terminals at 16 Ghats on NW2 (Assam)                                                | 13.70                  |
| 2       | Manipur           | Loktak Inland Water Transport Project-II on Loktak Lake (Manipur)                                                               | 7.88                   |
|         |                   | Project proposal for utilising the savings under CSS for "Survey of River Barak (Manipur side)                                  | 0.40                   |
|         |                   | Loktak Inland Waterways Improvement Project for Loktak Lake (Manipur)                                                           | 25.58                  |
|         |                   | Construction of Inland Waterways over Barak River from Jiribam District to Tamenglong District                                  | 99.05                  |
| 3       | Mizoram           | Preparation o DPR for Tuichawang / Karnaphuli River (Mizoram)                                                                   | 0.57                   |
|         |                   | Development of IWT on river Khawthlangtuipui-Tuichawng in Lunglei District, Mizoram                                             | 22.93                  |
| 4       | Tripura           | Setting up of linkage with Meghna river system in Bangladesh by developing Gumti River (Tripura)                                | 24.52                  |
| 5       | Arunachal Pradesh | Conducting survey / studies in 7 rivers in the State of Arunachal Pradesh                                                       | 6.20                   |
|         |                   | Creation of inland floating Port at Bomjir on Dibang river under Dambuk Circle, Lower Dibang Valley District, Arunachal Pradesh | 2000.00                |

**Annex-6**

| <b>Proposed Waterways for Development/ Operationalization</b> |       |                                       |             |
|---------------------------------------------------------------|-------|---------------------------------------|-------------|
| 1                                                             | NW-27 | Cumberjua River                       | Goa         |
| 2                                                             | NW-40 | Ghagra River                          | Bihar       |
| 3                                                             | NW-52 | Kali River                            | Karnataka   |
| 4                                                             | NW-57 | Kopili River                          | Assam       |
| 5                                                             | NW-25 | Chapora River                         | Goa         |
| 6                                                             | NW-37 | Gandak River                          | Bihar       |
| 7                                                             | NW-28 | Dhabol Creek Vasisti River            | Maharashtra |
| 8                                                             | NW-31 | Dhansiri River                        | Assam       |
| 9                                                             | NW-8  | Alappuzha-Changanassery Canal         | Kerala      |
| 10                                                            | NW-9  | Alappuzha-Kottayam Athirampuzha Canal | Kerala      |
| 11                                                            | NW-23 | Budha Balanga                         | Odisha      |

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