

अंतर्देशीय जल परिवहन के आँकड़े

STATISTICS OF INLAND WATER TRANSPORT 2024-25



सत्यमेव जयते

भारत सरकार
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
परिवहन अनुसंधान प्रभाग
नई दिल्ली

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Ministry of Ports, Shipping and Waterways

परिवहन अनुसंधान प्रभाग

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PREFACE

“**Statistics of Inland Water Transport**” is an Annual Publication of Ministry of Ports, Shipping and Waterways. The present publication is the **32nd issue** in the series and gives information on various facets of Inland Water Transport (IWT).

The annual publication reflects the current status of Inland Water Transport in the country for the year 2024-25. The present issue contains updated data divided into 6 sections covering Navigable waterways and infrastructure, IWT activities on National Waterways, IWT activities across States/UTs, IWT activities undertaken by private sector companies, accidents related to inland waterways and Time Series Data.

I am sure that this publication will serve as the backbone for monitoring the developments and progress made by India in IWT sector and provide a valuable snapshot for policy makers and the public at large. The report will also help in identifying thrust areas where interventions need to be focused.

Transport Research Wing (TRW) in the Ministry of Ports, Shipping and Waterways has prepared this edition of the publication. I would like to compliment the efforts made by the officials in TRW in bringing out this edition in time.

I would take this opportunity to thank the State Governments, Private Companies and the Inland Waterways Authority of India for their contribution in improving and completing this issue. Suggestions from the users of the information are welcome to enable further improvements in the quality and coverage of this Publication in future.


(Vijay Kumar)

New Delhi
19th March, 2026



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LIST OF CONTENTS

CONTENTS

SI No.	Sections	Page No.
1	INLAND WATERWAYS TRANSPORT : INTRODUCTION	1-4
2	SECTION – 1: NAVIGABLE WATERWAYS & INFRASTRUCTURE	5-18
3	SECTION – 2: IWT ACTIVITIES – NATIONAL WATERWAYS	19-88
4	SECTION – 3: IWT ACTIVITIES - STATE-WISE	89-91
5	SECTION – 4: IWT ACTIVITIES - PRIVATE COMPANIES/PUBLIC UNDERTAKINGS	92-98
6	SECTION – 5: INLAND WATERWAYS TRANSPORT ACCIDENTS	99-100
7	SECTION – 6: TIME SERIES DATA	101-103
8	ANNEXURES	104-125
9	APPENDIX	126

LIST OF TABLES

SI No.	Tables	Page No.
1	Table 1.1 : Navigable Waterways in India during 2024-25	6-9
2	Table 1.2 : Infrastructure Facilities Available on State Waterways (As on 31.03.2025)	10-18
3	Table 2.1 : Cargo Movement on Waterways during 2022-23, 2023-24 & 2024-25	56
4	Table 2.2 : Details of Cargo Moved on National Waterways during 2024-25	57-84
5	Table 2.3 : Infrastructure Facilities Available on National Waterways (As on 31.03.2025)	85-88
6	Table 3.1 : Number of IWT Vessels with valid Certificate of Survey - By Type from 2023 to 2025	90
7	Table 3.2 : Number of Passengers Carried By Inland Water Vessels from 2021 to 2025	91
8	Table 4.1 : IWT Vessels with valid Certificate of Survey -Owned by Responding Private Companies/Public Undertakings - By Type from 2021 to 2025	93-95
9	Table 4.2 : Cargo/Passengers Carried and Freight Collected - By Responding Private Companies/Public Undertakings from 2021 to 2025	96-98
10	Table 5.1 : No. of Accidents, Persons Injured and Killed by Drowning (Boat Capsize) during 2023	100
11	Table 6.1 : Trend in Total Cargo Movement on Waterways	101
12	Table 6.2 : Trend in Waterways-wise Cargo Movement	102-103

Inland Water Transport: An Overview

I. INTRODUCTION

India is endowed with a variety of navigable waterways comprising river systems, canals, back waters, creeks, and tidal inlets. However, navigation by mechanized crafts is possible only over a limited length covering about half of the reported navigable waterways. Inland Water Transport (IWT) is functionally important in regions covered by the Brahmaputra in the North East and the Ganga in North and Eastern parts of the country; in the deltas of the rivers of Krishna and Godavari, Kerala and Goa where IWT offers natural advantages. IWT has an important role to play in many parts of the country since it offers an economic, energy efficient, employment intensive and almost pollutant free mode of transport service. IWT has challenges like shallow water depth, narrow width during dry weather, siltation and bank erosion, inadequate vertical and horizontal clearances in a large number of overhead structures etc.

II. POLICY INITIATIVES AND MILESTONES

2. Before 1950, there was no proper institutional set up for the development of IWT. During the First Plan period (1951-1956), the Ganga-Brahmaputra Water Transport Board was set up as a Joint Venture of the Central Government and State Governments of Uttar Pradesh, Bihar, West Bengal and Assam. Its objective was to coordinate the efforts of the participating Governments in developing water transport on the Ganga and Brahmaputra river systems. Subsequently, the Government of India established the Inland Water Transport Directorate under the then Ministry of Shipping and Transport in 1965. In March, 1967, the Ganga-Brahmaputra Water Transport Board was merged with the IWT Directorate. Also, Central Inland Water Transport Corporation Ltd. (CIWTC) was set up at Kolkata in 1967 after taking over the assets and liabilities of the erstwhile River Steam Navigation Company Ltd.

3. In pursuance of the recommendations of the National Transport Policy Committee (NTPC), the Inland Waterways Authority of India (IWAI) was set up in 1986 for development, maintenance and regulation of National Waterways for shipping and navigation in the country. Three basic IWT related infrastructure for development of waterways are:

- (a) Fairway or navigational channel with desired width and depth
- (b) Terminals for berthing of vessels, loading/unloading of cargo and for providing interface with road and rail; and
- (c) Navigational aid for safe navigation.

4. The Ministry of Ports, Shipping & Waterways (MOPSW) is entrusted with the overall responsibility of development of IWT in the country. Besides, assistance is being provided to States by the Central Government under Centrally Sponsored Schemes to develop waterways, terminals, navigational aids and undertake survey and studies. The assistance under this scheme used to be up to 50% by way of loan on reimbursement basis. However, the pattern of assistance was revised in 2002-03 to 100% in the form of grant under the scheme to the North Eastern States, (including Sikkim) for the development of IWT. An Inland Vessel Building Subsidy Scheme was also in place since April, 2002 up to March, 2007. Under this scheme, subsidy up to 30% cost of Inland Vessel built in India for operation on National Waterways (NWs), Sunderbans and Indo-Bangladesh Protocol (IBP) routes was provisioned. With a view to attract private sector participation in IWT a number of promotional measures and fiscal incentives have been provided. IWAI Act, 1985 was amended in September 2001 to facilitate promotion of Joint Venture by IWAI; equity participation of Government/IWAI has been limited to a ceiling of 40% for BOT project; Tax exemptions similar to National Highways notified for IWT and customs duty concessions for specified IWT equipments were notified in 2002.

Major Policy Reforms for promotion of Inland Water Transport by Government -

5. **National Waterways Act, 2016:** National Waterways Bill, 2015 for declaration of 111 (5 existing and 106 new) waterways, was introduced in the Lok Sabha by Minister of Shipping, Road Transport and Highways on 5th May, 2015. It was passed by the Lok Sabha on 21st December, 2015, and by the Rajya Sabha on 9th March, 2016. It commenced from 12th April, 2016. 111 (106 new and 5 existing) NWs were declared spread over 24 States increasing the total length of NWs from 4,382 km to 20,187 km. The details of 116 NWs are given at Annexure-I

The National Waterways Act, 2016, superseded five earlier Acts that declared specific NWs. The following are the Acts replaced by the National Waterways Act, 2016.

- i. National Waterway (Allahabad-Haldia Stretch of the Ganga Bhagirathi-Hooghly River) Act, 1982
- ii. National Waterway (Sadiya-Dhubri Stretch of Brahmaputra River) Act, 1988
- iii. National Waterway (Kollam-Kottapuram Stretch of West Coast Canal and Champakara and Udyogamandal Canals) Act, 1992
- iv. National Waterway (Talcher-Dhamra Stretch of Rivers, Geonkhali-Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers) Act, 2008

v. National Waterway (Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank, Bhadrachalam-Rajahmundry Stretch of River Godavari and Wazirabad-Vijayawada Stretch of River Krishna) Act, 2008

6. Inland Vessels Act, 2021: The Inland Vessels Act, 2021, was introduced in the Lok Sabha in July 2021 and passed by both Houses of the Parliament by 2nd August, 2021. It replaced the Inland Vessels Act, 1917, aiming to modernize and streamline the regulatory framework for IWT in India. The Act was notified on 12th August, 2021, with different sections coming into force on 16th February, 2022 (Section 1 and Section 106) and 7th June, 2022 (Section 2 to Section 105 and Section 107 to Section 114).

Nine Rules under the Inland Vessels Act, 2021 (24 of 2021) have been framed and published in Gazette of India in June 2022. Inland Vessels (Design and Construction) Rule, 2024 and Inland Vessels (Central Database) Rule, 2024 have been notified recently.

III. INLAND WATERWAYS AUTHORITY OF INDIA

7. Inland Waterways Authority of India was set up on 27th October 1986, under the Inland Waterways Authority of India Act, 1985, is entrusted with the regulation and development of Inland Waterways for the purpose of inland shipping and navigation. The important functions of IWAI are:

a) To Carry out surveys and investigations for the development, maintenance and better utilization of the NWs and the appurtenant land for shipping and navigation by:

- Providing infrastructural facilities, conservancy & river training works,
- Controlling activities of dumping / removal of bed material,
- Removing / altering any obstruction / impediment,
- Regulating traffic and structure across / under NWs,
- Disseminating navigational meteorological information,
- Coordinating with other modes of transport, providing pilotage and
- Entering into joint ventures concerning inland shipping by equity participation.

b) The Authority may also:

- Advise Central Government on IWT matters,
- Study the transport requirement in relation to other modes,
- Conduct Hydrographic Surveys & publish river charts,
- Assist State Governments for development of IWT,

- Develop & provide consultancy services,
 - Conduct research for craft design, mechanization of country crafts, techniques of towage, landing & terminal facilities, port installations & survey techniques,
 - Classification of Inland Waterways,
 - Technical training of IWT personnel within & outside country.
- c) The Authority will exercise the above functions with the prior approval of the Central Government.

Inland Water Transport: A Historical Perspective

The commercial history of India gives a glorious account of growth of navigation on inland waterways. The location of a large number of towns on waterways, which were also centers of trade and commerce, much before railways, indicate the value of this mode in the past.

The era of mechanical propulsion in India started in 1823 when the first propelled craft-Diana-weighing 89 tonnes, sailed with passengers from Kulpi road to Calcutta, a distance of 80 kms on the Hooghly. In 1834, a regular monthly steamer service was established between Calcutta and stations upstream on the Ganga for carrying the East India Company's officials and stores. In 1842, a regular fortnightly service grew up between Calcutta and Agra on the river Yamuna. By 1863, a regular steam service commenced between Calcutta and Assam. A network of steamer services soon developed extending as far as Garh-Mukteshwar on the river Ganga in Uttar Pradesh, about 645 kms from Allahabad, and Ayodhya on the river Ghagra, about 325 kms at its confluence with the Ganga.

In the 19th century navigation by power crafts and country boats played a dominant role in development of trade and commerce along river banks and catchment areas of the navigable river and canal system. Bulk of traffic was, however, carried in country boats plying from Delhi and Nepal border to Assam. At its peak in 1876-77 country boat traffic registered at Calcutta were about 180,000 cargo boats, at Hooghly 124,000 cargo boats, and at Patna about 62,000 cargo boats.

The advent of railways and extension of its network marked a turning point for water-transport in India. To start with, construction of main railway lines gave a spurt to river traffic as the two modes supplemented each other, with waterways providing feeder service to railways. This complementarity between IWT and railways was, however, short-lived. The decline of navigation started by about 1860. By that time extension of East Indian Railways had begun to make itself felt. With an increase in rail network new centers of economic activity away from waterways developed. Gradually, IWT lost its superiority.

Source: Chapter 15, Inland Water Transport, Report of the National Transport Policy Committee, Government of India, Planning Commission, May 1980

The detailed information of the sector is here after categorically covered in various sections:

- Section 1: Navigable waterways and infrastructure
- Section 2: IWT activities on National Waterways
- Section 3: IWT activities across States/UTs
- Section 4: IWT activities undertaken by private sector companies
- Section 5: Accidents related to inland waterways
- Section 6: Time series Data

SECTION – 1

**NAVIGABLE WATERWAYS
AND INFRASTRUCTURE**

1. NAVIGABLE WATERWAYS & INFRASTRUCTURE

Length of waterways along with its navigable length is an indicator of inland water potential of a State. Details of State-wise navigable waterways in India during 2024-25 are given in Table 1.1. The details of infrastructure facilities available on state waterways as on 31.03.2025 are given at Table 1.2. Table 1 below gives Total and Navigable length of Waterways across various States. It is observed that the maximum length of waterways is in the State of Assam with 6367 Km followed by West Bengal with 4741.1 Km and Andhra Pradesh with 3696.73 Km.

It is observed that the ratio of navigable length to the total length is about 100% each for the States of Nagaland and Jharkhand; by contrast, in case of Uttar Pradesh the ratio of navigable length to total length is 30.97%. Other States with good IWT prospects are West Bengal, Bihar and Maharashtra where waterways navigable length is 96.88%, 78.95% and 78.10% respectively of the total length of rivers/canals/lakes reported by these states. Total length of rivers in the States is 29151.91 Km of which 55.07% is navigable length.

S. No.	State	Total Length of the Rivers/ Canals/ Lakes (Km.)	Navigable Length (Km.)	Percentage of Navigable Length to Total Length
1	Andhra Pradesh	3696.73	1159.73	31.37
2	Assam	6367	2010.23	31.57
3	Bihar	1334.84	1053.84	78.95
4	Goa	262.00	204.00	77.86
5	Jharkhand*	95.00	95.00	100
6	Karnataka	2902.00	1215.00	41.87
7	Kerala	2860.03	2015.33	70.47
8	Maharashtra	918.69	717.49	78.10
9	Mizoram	451.69	216.35	47.90
10	Nagaland	276.00	276.00	100
11	Odisha	2425.00	1555.00	64.12
12	Tamil Nadu	167.60	119.60	71.36
13	Uttar Pradesh	2654.23	822	30.97
14	West Bengal	4741.10	4593.10	96.88
	Total	29151.91	16052.67	55.07
Source : State Governments				
* Data not reported since 2022-23, Hence the data pertains to 2021-22.				

Table 1.1

Navigable Waterways in India

(In Kms.)

Sl. No.	State/Rivers/Canals/Lakes	2024-25	
		Total Length of the Rivers/Canals/Lakes in the State	Navigable Length
1	2	3	4
1	ANDHRA PRADESH		
(i)	Godavari	1465	171
(ii)	Krishna	1400	157
	Others **	831.73	831.73
	Total	3696.73	1159.73
2.	ASSAM		
(i)	Brahmaputra	2900	891
(ii)	Barak	564	121
(iii)	Subansiri	442	111
(iv)	Dhansiri/Chathe	352	110
(v)	Dehing	380	114
(vi)	Aai	71	71
(vii)	Beki	85	73
(viii)	Doyang	150	61
(ix)	Puthimari	72	58.23
(x)	Gangadhar	62	62
(xi)	Kopili	290	46
(xii)	Dikhow	236	63
(xiii)	Jinjiram	43	43
(xiv)	Lohit	560	100
(xv)	Tlwang (Dhaleswari)	160	86
	Total	6367	2010.23
3.	BIHAR		
(i)	Ganga	480	480
(ii)	Gandak	255.80	255.80
(iii)	Koshi	233.04	233.04
(iv)	Ghaghra	85	85
(v)	Punpun	35	-
(vi)	Sone	160	-
(vii)	Karamnasa	86	-
	Total	1334.84	1053.84
4	TAMIL NADU		
(i)	North Buckingham Canal	58	40.70 @
(ii)	Central Buckingham Canal	7.20	-
(iii)	South Buckingham Canal	102.40	78.90 @
	Total	167.60	119.60
5	MIZORAM		
(i)	Chhimtuipui/ Kolodyne River	138.46	118.00
(ii)	Tlawng River	185.15	81.35
(iii)	River Khawthlangtuipui-River Tuichawng	128.08	17.00
	Total	451.69	216.35

Table 1.1 Cont...

Navigable Waterways in India

(In Kms.)

Sl. No.	State/Rivers/Canals/Lakes	2024-25	
		Total Length of the Rivers/Canals/Lakes in the State	Navigable Length
1	2	3	4
6	KARNATAKA		
(i)	Bheema	860	125
(ii)	Krishna	325	125
(iii)	Ghataprabha	160	160
(iv)	Malaprabha	270	230
(v)	Tungabhadra	375	375
(vi)	Kali	184	29
(vii)	Sharavathi	80	27
(viii)	Gangolli	48	20
(ix)	Udyavara	37	14
(x)	Gurupura	80	20
(xi)	Nethravathi	96	26
(xii)	Cauvery	270	34
(xiii)	Kabini	117	30
	Total	2902	1215
7	MAHARASHTRA		
(i)	Navapur(Ucheli Creek)/ Banganga River	7.43	2.82
(ii)	Satpati/Dudh River	11.33	5.89
(iii)	Vaitarna River	50.02	39.30
(iv)	Ulhas River	38.57	27.40
(v)	Dharamtar Creek (Amba River)	49.65	44.20
(vi)	Patalganga River	24.59	15.80
(vii)	Pen Creek/ Bhageshwari River	13.67	9.40
(viii)	Kundalika River/ Revdanda Creek *	34.70	34.70
(ix)	Bankot Creek (Savitri River)	59.27	54.70
(x)	Kal River *	14.70	14.70
(xi)	Kelshi	11.74	1.88
(xii)	Uthambar	4.74	1.58
(xiii)	Dabhol Creek/ Vashishti River *	49.80	49.80
(xiv)	Jagbudi River	25.31	23.70
(xv)	Jaigad Creek/ Shastri River	51.99	48.60
(xvi)	Machkandi River	21.11	8.26
(xvii)	Vaghotan River	43.73	33.30
(xviii)	Achra River	9.99	2.91
(xvix)	Gad River / Kalaval Creek	21.73	21.50
	Others**	374.64	277.05
	Total	918.69	717.49
8	UTTAR PRADESH		
(i)	Ganga	487	487
(ii)	Assi	5.50	
(iii)	Betwa	67.05	
(iv)	Chambal	60.68	
(v)	Ghaghra	335	335
(vi)	Gomati	514	
(vii)	Karamnasa	86	
(viii)	Tons	73	
(ix)	Varuna	53	
(x)	Yamuna	973	
	Total	2654.23	822

Table 1.1 Cont...

Navigable Waterways in India

(In Kms.)

Sl. No.	State/Rivers/Canals/Lakes	2024-25	
		Total Length of the Rivers/Canals/Lakes in the State	Navigable Length
1	2	3	4
9	ODISHA		
(i)	Mahanadi	493	199
(ii)	Brahmani	541	277
(iii)	Baitarani	344	32
(iv)	Subarnarekha *	50	50
(v)	Budhabalanga *	35	35
(vi)	Dhamara *	20	20
(vii)	Salandi *	17	17
(viii)	Panchapata *	21	21
(ix)	Parnei *	45	45
(x)	Hatel *	30	30
(xi)	Bansgadai *	32	32
(xii)	Hansua *	37	37
(xiii)	Tirkota *	18	18
(xiv)	Jamboo *	6	6
(xv)	Gobari *	16	16
(xvi)	Ramchandi *	16	16
(xvii)	Khamasi *	14	14
(xviii)	Batigharia *	14	14
(xix)	Birupa *	110	110
(xx)	Genguti *	45	45
(xxi)	Luna *	37	37
(xxii)	Devi *	20	20
(xxiii)	Prachi *	15	15
(xxiv)	Kadha *	30	30
(xxv)	Khusabhadra *	25	25
(xxvi)	Daya *	9	9
(xxvii)	Rajua *	7	7
(xxviii)	Makara *	11	11
	Others **	367	367
	Total	2425	1555
10	GOA		
(i)	Mandovi River	78	66
(ii)	Zuari River	56	45
(iii)	Mapusa River	27	20
(iv)	Chapora River	34	25
(v)	Tiracol River	29	15
(vi)	Sal River	20	15
	Others**	18	18
	Total	262	204
11	NAGALAND		
(i)	Tizu and Zunki*	42	42
(ii)	Dhansiri/Chathe*	110	110
(iii)	Dikhu*	63	63
(iv)	Doyang*	61	61
	Total	276	276
12	JHARKHAND #		
(i)	Ganga	95	95
	Total	95	95

Table 1.1 Cont...

Navigable Waterways in India

(In Kms.)

Sl. No.	State/Rivers/Canals/Lakes	2024-25	
		Total Length of the Rivers/Canals/Lakes in the State	Navigable Length
1	2	3	4
13 KERALA			
(i)	Total of Rivers	1887.51	1230.68
	Others **	972.52	784.64
	Total	2860.03	2015.33
14 WEST BENGAL			
(i)	Sankosh	77	77
(ii)	Gangadhar	96	96
(iii)	Raidak	144	144
(iv)	Torsa	99.20	99.20
(v)	Kaljani	87	87
(vi)	Jaldakha	163	163
(vii)	Teesta	140	140
(viii)	Mahananda	206	58
(ix)	Kulik	56	56
(x)	Chiramati	80	80
(xi)	Tangon	53	53
(xii)	Punarbhaba	55	55
(xiii)	Atrai	51	51
(xiv)	Ajoy	174	174
(xv)	Jalangi	232	232
(xvi)	Churni	71	71
(xvii)	Dwarka	129	129
(xviii)	Brahmani	77	77
(xix)	Kopai	39	39
(xx)	Barkeswar	102	102
(xxi)	Disergarh- Disergarh Barrage	64	64
(xxii)	Durgapur Barrage- Suri Kalna	116	116
(xxiii)	Beyond Shampur	193	193
(xxiv)	Mundaswari-Mankar	64	64
(xxv)	Dwarekeswas Ondagram - Bandar	103	103
(xxvi)	Silbati	135	135
(xxvii)	Rupnarayan	77	77
(xxviii)	Kansabati	347	347
(xxix)	Kalighai	77	77
(xxx)	Subarnarekha	72	72
(xxxi)	Hooghly	580	580
(xxxii)	Rasulpur	29	29
(xxxiii)	Muriganga	32	32
(xxxiv)	Saptamukhi	80.40	80.40
(xxxv)	Gumar	26	26
(xxxvi)	Bidyadhari	51	51
(xxxvii)	Gosaba	32	32
(xxxviii)	Raimongal	32	32
(xxxix)	Ichamati	232	232
	Others @@	267.50	267.50
	Total	4741.10	4593.10

Source: State Governments

Information for the year 2024-25 has not received.

** Including Canals, Lakes, Creeks and other waterways

* : Total length not provide only navigable length provided hence navigable length taken as total length

@ Navigation could be possible only after renovation

@@ Includes 268 Kms. each of Total Length and Navigable Length pertaining to canals.

Table 1.2

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
1 ANDHRA PRADESH								
				35	31+4 In Bhavani		Passenger	
				49	45+4 In Bhodisri		Passenger	
	Berm Park to Bhavani Island			36	32+4 In Amrapal		Passenger	
				22	18+4 In Jagada mba		Passenger	
2 BIHAR								
A. Floating Terminal/ Jetty								
	Kahalgaon to Sultanganj	3.0						
	Sultanganj to Mahendrapur	3.0	Bhagalpur (Ch.715km)	450	1	Nil	To be stored on Pontoon and open space of IWAI's land 1000sq.m	
	Mahendrapur to Barh	3.0						
B. Fixed RCC Terminal/ Jetty								
	Barh to Digha	2.5	Patna (Gaightat) (Ch. 955km.)	1800	1 no. Low Level (46.6m X 15m), 1 no. High Level Terminal	Shore Crane-2 with capacity of 01-20 tonnes subject to radius. Container crane-1 with capacity of 70MT	45m x 14m Transit shed and open space of IWAI's land 1000Sq.m.	
	Digha to Majhaua	2.5	IMT Kalughat (Ch. 973km.)	3000	1 no. (125mx30m)		Container yard storage area (Open area) 2900sqm, Container handling cap. Of 77000 TEU/Annum	IMT Kalughat has been inaugurated on 15.02.2024
3 UTTAR PRADESH								
	Majhoua- Praygaraj	1.00-2.50	Ramnagar Varanasi	3 Vessels of 60m Length	1 No. (200m x 42m RCC Jetty)	2 nos- Liebherr Mobile Harbour Crane at 50 MT Capacity each	MMT Hardstand Area 9800 M2	Multi Modal Terminal Ramnagar Varanasi has been inaugurated during Nov-2018 for promotion of Cargo through IWT.

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
4	WEST BENGAL							In the State Waterways there are no such terminals or berths till date. The entire cargo discharging are carried out inside the the port of Kolkata and Haldia.
5	GOA							
	Panaji Port (River Mandovi)	3.20 metres	Panaji	75 Kms Length	1	Nil	Nil	Ports jetty being used by vessels calling in the Ports
6	TAMIL NADU							
	Periyar Lake in Kerala (Under lease in Tamil Nadu)	41.46 meters	Thekkady	Vessel 1 (kannagi) Length-8.5m Breadth-3m Depth-1.4m	-	-	-	-
				Vessel 2(Jalarathna) Length-11.5m Breadth-2.4m Depth-1.6m	-	-	-	-
7	KERALA							
	State Waterways		Irrigation Division,Kollam	Nil	Nil	Nil	Nil	Nil
			Irrigation Division,Alappuzha	Nil	Nil	Nil	Nil	Nil
	Vembannattukayal	3 to 6 M	Vaikom Terminal	Barrage (250/metric ton)	2	-	3800 Sq /Feet/Godown	Managed by Inland Waterway Authority of India
		2 to 4	Kottayam Terminal				40000/sq/feet godown	Managed by Kottayam Port & Container Terminal Service Pvt. Ltd.
	-	-	Irrigation Division, Ernakulam	Nil	Nil	Nil	Nil	Nil
	-	-	Additional Irrigation Division, Thriss	Nil	Nil	Nil	Nil	Nil
	-	-	Irrigation Division,Malappuram	Nil	Nil	Nil	Nil	Nil
	-	-	Irrigation Division, Kozhikode	Nil	Nil	Nil	Nil	Nil
	-	-	Inland Navigation Division, Kollam	Nil	Nil	Nil	Nil	Nil
	-	2.2	Inland Navigation Division, Kannur	Nil	Nil	Nil	Nil	Waterways under construction
	-	-	State Water Transport Department, Alappuzha	Nil	Nil	Nil	Nil	Nil
8	MIZORAM							
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	KARNATAKA							
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
10	MAHARASHTRA							
	State Waterways							
			Dahanu				Sloping jetty No.1 21meters long	
			Dahanu				sloping jetty No.2 30 meters long	
			Dahanu				RCC Jetty 120 meters long	
			DhaktiDahanu				RCCJ etty 120 meters long	
			DhaktiDahanu				Sloping jetty	
			Datiware				RCCJetvalonawithRockLinkRoad	
			Arnalaforroad				Sloping jetty	
			Satoati				Jetty	
			Murbe(OppSatpati)				Sloping jetty	
			Murbe(OppKhareKurme)				Sloping jetty	
			KhareKuran				Sloping jetty	
			Marve				Sloping RCC jetty	
			Borivali				Sloping RCC jetty	
			Gorai				Sloping RCC jetty	
			Manori				Sloping RCC jetty	
			kelwa				Jetty	
			Danda				Jetty	
			Navapur				Sloping jetty	
			Dandi				Sloping jetty	
			Madh				Jetty	
			Varsova				Jetty	
			Vasai				Sloping Ramp	
			NaiQaon				Sloping Ramp	
			Naola				Jetty	
			Belaour				Pile jetty	
			Mandwaoldietty				RCC	
			BothsideofMandwaJetty				RCC Pontoon Jetty	
			MandwaRoRoJetty				RCC Piling Jetty	
			RewasPort				Sloping jetty	
			Bhal				Sloping jetty	
			Mankule				RCC Sloping Jetty	
			Karanjaport				Sloping jetty	
			RavePort				Sloping jetty	
			Kopar				Sloping jetty	
			Jeete				Sloping jetty	
			Dadar				Sloping jetty	
			Kalwa				Sloping jetty	
			Kelsh				Sloping jetty	
			Shirkj chawl				Sloping jetty	
			UmollPort				Sloping jetty	
			Kanhobe				Sloping jetty	
			Paote				Sloping jetty	
			Borkhar				Sloping jetty	
			Sonekhar				RCC Constructed Jetty	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	Remarks
1	2	3	4	5	6	7	8	9
			ShelPort				Sloping jetty	
			ShelPort				RCC	
			RaiPort				RCC	
			More				Sloping jetty	
			Mumbra				Sloping jetty	
			AailMahar				T Type RCC Constructed Jetty	
			DharamtarVave				Sloping jetty	
			Vave				Sloping jetty	
			Bhal				Pontoon Jetty'	
			Mankhule				Pakti (Sloping Ramp)	
			Masad				Pakti (Sloping Ramp)	
			Shirkichaw/No.1				Pakti (Sloping Ramp)	
			Ghodbunder				Pakti (Sloping Ramp)	
			Tansi				Pakti (Sloping Ramp)	
			Belapur				RCC Piling Jetty	
			Shirkichaw/No.2				Sloping jetty	
			Alibaq				Sloping jetty	
			Sanecaon				Sloping jetty	
			Gophaan				Constructed Jetty	
			Roha				RCC Jetty	
			MurudKhoraPort				RCC Constructed Jetty	
			RajpurjMuslimMohalla				RCC	
			Agardanda				Pile jetty	
			Aoardanda				Sloping jetty	
			Mandad				Sloping jetty	
			Bhalgaon				Pile jetty	
			Rajpuri				Sloping jetty	
			Thal				RCC Jetty	
			DihimuslimMahalia				Sloping jetty	
			BagmandiaShriwardhan				RCC Jetty	
			Mandvj				Sloping jetty	
			MiryaBundar				Sloping jetty	
			kalbadevi				Sloping jetty	
			Karla				Sloping jetty	
			Phansop				Sloping jetty	
			Lonade				RCC Jetty	
			Varoda				RCC Jetty	
			Jaiaad				L Type Jetty	
			Tavsal				L Type Jetty	
			Padye				Steps Jetty	
			ChinchSunder				Sloping jetty	
			Satwade				Sloping jetty	
			Kand				Sloping jetty	
			Kudli				L Type Jetty	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
			Jambhari				Steps Jetty	
			VaidyaLavcian				Steps Jetty	
			Ambera				Steps Jetty	
			Mobar				Steps Jetty	
			Kollsare				Steps Jetty	
			Chaphe				Steps Jetty	
			Kolwall				Steps Jetty	
			Shatgaon				Steps Jetty	
			Chave				L Type Jetty	
			DurgbunderBhatgaon				L Type Jetty	
			Rale				Steps Jetty	
			Medhe				Steps Jetty	
			Avail				Steps Jetty	
			ShargaonTisang				Steps Jetty	
			Karjuye				Steps Jetty	
			Maire				Steps Jetty	
			Kavdl				Steps Jetty	
			Pedhabe				Steps Jetty	
			Kajruli				Steps Jetty	
			Veer				Steps Jetty	
			Makhjan				Steps Jetty	
			TVri				Steps Jetty	
			Daavkhol				Steps Jetty	
			Kond(Daabkhol)				Steps Jetty	
			Pirdvane				Steps Jetty	
			Fungus				Jetty	
			Dignni				L Type Jetty	
			Kurdhunda				Steps Jetty	
			Parchuri				Steps Jetty	
			Ukshi				Steps Jetty	
			Sandri				Steps Jetty	
			SanqmeshwarKand				RCC Jetty	
			Sorva				Sloping jetty	
			Palshet				RCC Sloping etty	
			Veldur				RCC L Type Jetty	
			Navanaaar				RCC I Type Jetty	
			Dhopave				Jungle Jetty	
			Dhooave				RCC T shape Jetty	
			Dabhol				Jungle Jetty	
			Dabhol				Sloping jetty	
			Fadbunder				Pakti L Type	
			Navse				Pakti L Type	
			Bhatt				Steps Landing Pakti	
			Trishul-Sakhri				Pakti L Type	
			Oni				Pakti L Type	
			Gudadhe				Pakti L Type	
			Sakhri-Kodbawadi				Pakti L Type	
			Umberohar				Pakti L Type	
			Petho				Pakti L Type	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
			Karul				Pakti L Type	
			Pandan				L Type Jetty	
			BhoanNo.1				Steps Landing Pakti	
			VisaourMasiid				Steps Landing Pakti	
			VisapurVithalwadi				Pakti L Type	
			MedhekarPanori				Pakti L Type	
			DabhilPanoari				Steps Landing Pakti	
			HawellPanori				Pakti L Type	
			PanoariVithalwadi				Pakti L Type	
			UnhavareBhatti				Pakti L Type	
			Farare Phadnis				Pakti L Type	
			FarareBhoiwadi				Pakti L Type	
			Bhurkunde				Pakti L Type	
			Parchuri				Pakti L Type	
			VadadSava				Pakti L Type	
			Asavall				Steps Landing	
			Kolambe				Steps Landing	
			PhanalleDaraa				Pakti L Type	
			Chiveli				Pakti L Type	
			Sutvi				Pakti L Type	
			Phanalle				Pakti L Type	
			MaldolMuslimMohhala				Pakti L Type	
			Hodkhad				Pakti L Type	
			BahirvaliNo.3				Pakti L Type	
			Maldoli				Pakti L Type	
			BahirvaliNo.2				Pakti L Type	
			BahirvaliNo.1				Pakti L Type	
			karbavne				Pakti L Type	
			Sonoaon				Steps Landing	
			Ketki				Steps Landing	
			Dhamndighi				Steps Landing	
			Kalusta				Steps Landing	
			Manjrekashi				Steps Landing	
			GowalkotBhoiwadi				Wharf Jetty	
			Gowalkot				Steps Landing	
			Gowalkot				Steps Landing	
			Grangraje				Pakti L Type	
			TeoKotwall				Pakti L Type	
			Mete				Pakti L Type	
			Aini				Pakti L Type	
			Tumbad				Steps Landing	
			Mulgaon				pakti	
			Aamshej				Pakti L Type	
			Asthi				Pakti L Type	
			Karji				Pakti L Type	
			Shirst				Pakti L Type	
			Shiv				Pakti L Type	
			Kodvali				Steps Landing	
			Mumbke				Steps Landing	
			Vave				Steps Landing	
			Niik				Steps Landing	
			Ranvel				Pakti	
			Koregaon				Pakti	
			Alsar				Wharf Jetty	
			Khed				Sloping jetty	
			Aokhal				Sloping jetty	
			Aokhal				RCC L Type Jetty	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
			Bankol				RCC I Type Jetty	
			ValmikiNaaar				Sloping jetty	
			Vesvi				Sloping jetty L Type	
			Shipole (Mohalla)				Pakti	
			Umroli				Pakti	
			Verul				Pakti	
			Niadi'				Pakti	
			Gote				Pakti	
			Chowke				Sloping jetty	
			Ghumri				Sloping jetty	
			Shiqvan				Sloping jetty	
			Aambavane				Sloping jetty	
			Savri				Sloping jetty	
			Panderi				Sloping jetty	
			Peve				Sloping jetty	
			Umbershet				Sloping jetty	
			Padve				Sloping jetty	
			Mahpral				R.C.C.	
			Bagmandle				Pakti	
			Karivane				Pakti	
			Aadi				Pakti	
			Khadao				Pakti	
			Konzri				Pakti	
			Toradi				Pakti	
			Pangkoli				Pakti	
			Raibande				Pakti	
			Vave				Pakti	
			Ambet				Pakti	
			Dabhol				Pakti	
			Varati				Pakti	
			OvaleJambhane				Pakti	
			Jui				Pakti	
			Sai'				Pakti	
			Vahur				Pakti	
			Dasgaon				RCC Jetty	
			VenQurlaPort				RCC Jetty	
			MalvanPort				Steps Jetty	
			DevbagVithalMandir				Steps Jetty	
			Varad				Steps Jetty	
			Masure-Nardewadi				Steps Jetty	
			Sariekot				Steps Jetty	
			Devbaa				Steps Jetty	
			Kalse				Steps Jetty	
			Amberi				Steps Jetty	
			Hadi-Gaonkarwadi				Steps Jetty	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
			Kalse-Opp-Vanavet				Steps Jetty	
			Tondavali				Steps Jetty	
			Shelli				Steps Jetty	
			Devbag-Spebag				RCC Jetty	
			Redi-SurveyNo.16				RCC Jetty (2A)	
			Redi-SurveyNo.18				RCC Jetty (2B)	
			Redi-SurveyNo.18				Constructed Jetty	
			Aranda				Jungle Jetty	
			Aranda				Steps Jetty	
			Savajuve				Steps Jetty	
			Banda				Steps Jetty	
			Aranda				Steps Jetty	
			Achara				Steps Jetty	
			Aadbunder				RCC T Shape Jetty	
			DevgadPort				Steps Jetty	
			Ilaya				Steps Jetty	
			Jamsande				Steps Jetty	
			Mond				Steps Jetty	
			MondRanewadi				Steps Jetty	
			Tembavali				Steps Jetty	
			Vatvade				RCC T Shape Jetty	
			VijaydurgPort				Steps Jetty	
			Sangave				Steps Jetty	
			Vadap				Steps Jetty	
			Aanbure				Steps Jetty	
			SangaveAyeshi				Steps Jetty	
			SanaavaKatwadi				Steps Jetty	
			Dhodppgi				Steps Jetty	
			Nanar				Steps Jetty	
			Naral				Steps Jetty	
			Gerve				Steps Jetty	
			Tirilol				Steps Jetty	
			Amberi				Steps Jetty	
			ViiavdurgPort				Steps Jetty	
			Vaahotan				Steps Jetty	
			Muta!				Steps Jetty	
			Daulatwadi				Steps Jetty	
			Pomburle				Steps Jetty	
			Manche				Steps Jetty	
			TirilolThakurwadi				I Shape Constructed Jetty	
			Jaitapur				Constructed Jetty	
			Musakazi				Steps Jetty	
			Dungeri				Steps Jetty	
			Dhaulwall				Steps Jetty	
			Padave				Steps Jetty	
			Goral				Steps Jetty	
			Vilaya				Steps Jetty	
			Moosmwadi				Steps Jetty	
			Sataral				Steps Jetty	
			Dome				Steps Jetty	
			GawadeAmbere				Steps Jetty	
			Gaonkhadi				Steps Jetty	
			Purnagad				Steps Jetty	

Table 1.2 Cont...

Infrastructure Facilities Available on State Waterways (As on 31-3-2025)

Sl. No.	Navigational Channel	Depth (Meters)	Availability and Capacity of Terminals					Remarks
			Place	Size of vessels that can be accommodated (DWT)/dimension	No. of berths	Cargo handling equip. and their capacity	Type and extent of storage facility available	
1	2	3	4	5	6	7	8	9
11	ODISHA							
			Balugaon	5x15 Mtr	2			
	Chilka Lake	1 to 2 Mtr.	Krushnaprasadagda	5x15 Mtr	1			
			Kalijai	5x15 Mtr	1			
			Satapada	5x15 Mtr	20			
	Devi River	3 to 8 Mtr.	Astaranga	5x15 Mtr	1	Only	N.A.	
	Baitarani River	3 to 8 Mtr.	Gandakula	5x15 Mtr	1	passanger		
			Chandabali	5x15 Mtr	1	launches		
			Nalitapatia	5x15 Mtr	1	operating		
			Chradia	5x15 Mtr	1			
	Dhamara River	3 to 10 Mtr.	Dhamara	5x15 Mtr	1			
			Kaninali	5x15 Mtr	1			
			Talchua	5x15 Mtr	1			

Source: State Governments

SECTION – 2

**IWT ACTIVITIES –
NATIONAL WATERWAYS**

2.1.1 CRITERIA FOR DECLARATION OF NW

- It should possess capability of navigation by mechanically propelled vessels of minimum 300 tonnes (DWT) capacity (45m x 8m x 1.2m);
- It should have a fairway of minimum 40m wide channel with 1.4m depth in case of rivers and minimum 30m wide channel with 1.8m depth in case of canals. Exception may be given in case of irrigation-cum-navigation canals based on request of the concerned State Govt in order to safeguard the interest of irrigation;
- It should be a continuous stretch of minimum 50 kms; the only exception to be made to waterway length is for urban conglomerations and intra-port traffic; and
- It should pass through and serve the interest of more than one States or connect a vast and prosperous hinterland and major port, or either pass through or connect a strategic region where development of navigations is considered necessary to provide logistic support for economic development or national security, or connect place not served by any other mode of transport.

A list of all the NWs with its length is given in **Annexure-1**. The list of pre-2016 NWs is given below-

- (a) Ganga-Bhagirathi-Hooghly river system Allahabad-Haldia stretch (1620 kms) was declared NW- 1 in 1982 and effective in October, 1986.
- (b) Brahmaputra River Sadiya-Dhubri stretch (891 kms) was declared NW- 2 in September, 1988.
- (c) Kottapuram-Kollam stretch (168 kms) of the West Coast Canal along with Champakara canal (14 kms) and Udyogmandal canal (23 kms) was declared NW- 3 in February, 1993.(Total 205 kms)
- (d) Kakinada- Pondicherry canals along with Godavari and Krishna rivers (1078 km) –was declared NW-4 in 2008 and
- (e) East Coast Canal integrated with Brahmani river and Mahanadi delta rivers (588 km) declared as NW-5 in 2008.

Out of these five NWs, first three waterways have already been developed substantially with fairway of required depth and width, navigational aids and terminal facilities for loading/unloading of cargo & ingress/ egress of the passengers and cargo and passenger vessels are moving on these NWs. Details of infrastructure facilities available on these three NWs is given in Table 2.3

NWs of India are well in line to become the lifeline of the country. IWT has a potential to supplement the overburdened Railways and congested Roadways. In addition to cargo movement, NWs may provide support in related activities such as carriage of vehicles (in Roll-on-Roll-off mode of cross-ferry) and Tourism including accommodation and entertainment.

Infrastructure facilities provided by IWAI in the existing NW 1 (Ganga, Bhagirathi-Hooghly river system), NW-2 (Brahmaputra river) and NW-3 (West Coast Canal, Champakara Canal & Udyogmandal Canal in Kerala) are detailed at **Annexure-II**.

2.1.2 DEVELOPMENT OF 106 NEW NATIONAL WATERWAYS

Efforts initiated towards undertaking the developmental activities for providing safe fairway channel and creating infrastructures, in phased manner on the identified new NWs from 2016-17.

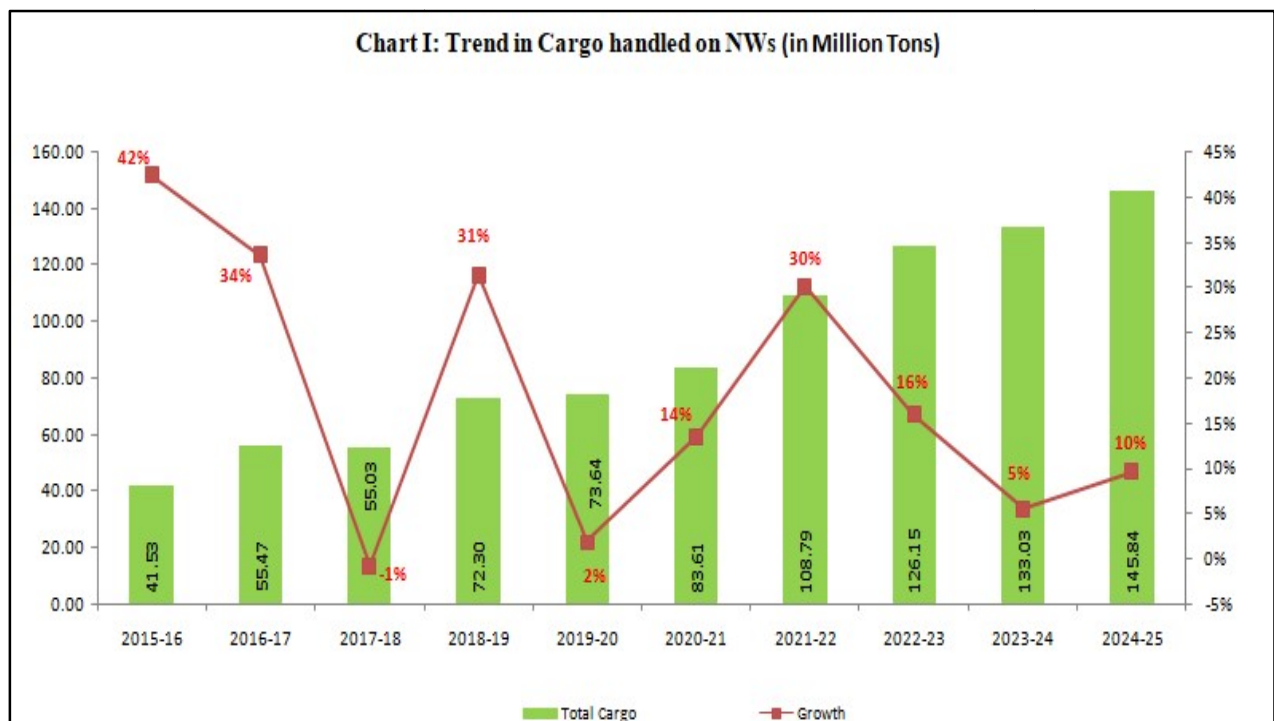
Status of 106 new NWs

I. Feasibility Reports (FRs) and the (DPRs) of new 106 NWs have been completed. After detailed analysis of the outcomes and recommendations of the FRs/ DPRs, input from stakeholders, 106 NWs have been categorized into three categories. The detailed parameters which have been analyzed and considered for above categorization has been elaborated in the Table below:

S. No.	Category	NWs
1	Category 'A': Feasible NWs for Cargo	18 NWs: NW-9, 10, 16, 27, 68, 111, 25, 28, 37, 40, 44, 73, 85, 86, 97, 100, 57 & 94 (refer Annexure-I)
2	Category 'B': Feasible NWs for only Tourism potential/ Ferry/ Cruise	25 NWs: NW- 6, 7, 8, 14, 15, 18, 20, 23, 24, 29, 30, 36, 42, 47, 50, 52, 83, 87, 88, 90, 91, 95, 104, 108 & 110 (refer Annexure-I)
3	Category 'C': NWs may be feasible at subsequent to development of Category-A & B above	63 NWs: 11,12,13,17,19,21,22,,26,31,32,33,34,35,38,39,41,43 ,45,46,48,49,51,53,54,55,56,58,59,60,61,62,63,64,65 ,66,67,69,70,71,72,74,75,76,77,78,79,80,81,82,84,85 ,89,92,93,96,98,99,101,102,103,105,106,107,109 (refer Annexure.-I)

II. In addition to existing 5 NWs , new NWs which are considered the most viable and where development activities have been initiated in Phase I are:

1. River Barak (NW-16),
2. Sunderbans (Protocol Route) Waterways (NW -97),
3. Cumberjua River (NW-27),
4. Mandovi River (NW-68),
5. Zuari River (NW-111),
6. Alappuzha – Kottayam –Athirampuzha Canal (NW -9),
7. Alappuzha – Changanassery Canal (NW-8),
8. Rupnarayan River (West Bengal) (NW -86),
9. River Ghaghra (NW-40).
10. Kali River (NW-52),
11. Ichamati River (NW-44),
12. Kopili River (NW-57),
13. Dhansiri River (NW-31)



2.1.3 OPERATIONAL WATERWAYS AT PRESENT

MoPSW is under continuous efforts for taking development measures to increase the no. of operational waterways in the country. In 2013-14 no. of operational waterways was 9 which increased to 24 in 2023-24 which further increased to 26 in 2024-25. Amrit Kaal Vision 2047 targeted to be made 50+ waterways are operational by 2047.

2.2 CARGO MOVEMENT ON WATERWAYS

Proactive approach towards Cargo Movement on NWs by MOPSW and all stakeholders has contributed significantly over the years. A close view of the time series data shows an increasing trend in volume of total cargo movement on the NWs over the years with 0.36 MT in 1990-91 to 22.23 MT in 2000-01, 74.30 MT in 2010-11, 83.61 in 2020-21. In 2024-25 total cargo movement on NWs was 145.84 MT. The time series data may be seen at Section 6). Chart I shows trend in cargo handled on NWs for the past 10 years.

Table 2 provides summary of cargo moved on the NWs. The waterways of Goa, Maharashtra & Gujarat carry most of the cargo traffic on India's Inland Waterways. The total cargo movement on waterways comprising the NWs and NWs in the State of Goa, Maharashtra & Gujarat was 145.84 Million 23one in 2024-25 as against 133.03 Million 23one in 2023-24, reflecting an increase of 9.63%.

In terms of tonne km (movement of one tonnes of cargo over a distance of one km) there was a decrease by 0.21% in 2024-25 over 2023-24 and cargo carried on Indian Waterways is 31.07 tonne km. Goa, Maharashtra and Gujarat waterways though accounted 69.21% of the total cargo movement on inland waterways across India, their share was only 29.93 % in terms of tonne km.

Table 2: Cargo Movement on Waterways							
S. No.	Details of Waterway	Cargo Moved (Million Tonne)			Tonne Km (In Million)		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	NW 1 GANGA- BHAGIRATHI- HOOGHLY RIVER SYSTEM (HALDIA - ALLAHABAD)	13.17 (10.44)	12.82 (9.64)	16.38 (11.23)	1870.40 (45.12)	1655.43 (36.45)	1674.79 (36.95)
2	NW 2 BRAHMAPUTRA RIVER (DHUBRI - SADIYA)	0.63 (0.50)	0.59 (0.44)	0.90 (0.62)	10.67 (0.26)	15.16 (0.33)	14.33 (0.32)
3	NW 3 WEST COAST CANAL (KOTTAPURAM- KOLLAM), CHAMPAKARAAND UDYOG MANDAL CANALS, WEST COAST CANAL (KOTTAPURAM - KOZHIKODE)	3.23 (2.56)	3.29 (2.48)	3.49 (2.40)	21.32 (0.51)	19.49 (0.43)	18.10 (0.40)
4	NW 4 KAKINADA CANAL (KAKINADA TO RAJAHMUNDRY) GODAVARI RIVER (BHADRACHALAM TO RAJAHMUNDRY) ELURU CANAL (RAJAHMUNDRY TO VIJAYAWADA) KRISHNA RIVER (WAZIRABAD TOVIJAYAWADA) COMMAMUR CANAL (VIJAYAWADA TO PEDDAGANJAM) NORTH BUCKINGHAM CANAL (PEDDAGANJAM TO CENTRAL STATION OF CHENNAI) SOUTH BUCKINGHAM CANAL(CENTRAL STATION OF CHENNAI TO MARAKANAM)	8.42 (6.67)	4.30 (3.23)	10.40 (7.13)	29.52 (0.71)	19.07 (0.42)	14.16 (0.31)

	MARAKANAM TO PUDUCHERRY THROUGH KALUVELLY TANK RIVER GODAVARI (BHADRACHALAM - NASHIK) RIVER KRISHNA (WAZIRABAD - GALAGALI)						
5	NW 5 EAST COAST CANAL, MATAI RIVER, BRAHMANI-KHARSUA-DHAMRA RIVERS, MAHANADI DELTA RIVERS (CONSISTING OF HANSUA RIVER, NUNANALA, GOBRINALA, KHARNASI RIVER AND MAHANADI RIVER)	0.40 (0.32)	0.64 (0.48)	0.38 (0.26)		9.51 (0.21)	5.82 (0.13)
6	NW 8 ALAPPUZHA-CHANGANASSERY CANAL	0.03 (0.03)	0.04 (0.03)	0.04 (0.03)		0.58 (0.01)	0.49 (0.01)
7	NW 9 ALAPPUZHA-KOTTAYAM – ATHIRAMPUZHA CANAL	0.02 (0.01)	0.02 (0.02)	0.03 (0.02)		0.48 (0.01)	0.53 (0.01)
8	NW 14 BAITARNI RIVER		0.00 (0.00)			0.01 (0.0)	
9	NW 16 BARAK RIVER	0.01 (0.01)	0.00 (0.00)	0.18 (0.13)		0.00 (0.00)	0.05 (0.00)
10	NW 23 BUDHA BALANGA	0.03 (0.02)	0.02 (0.02)	0.02 (0.01)		0.12 (0.00)	0.07 (0.00)
11	NW 31 DHANSIRI / CHATHE		0.01 (0.01)	0.00 (0.00)		5.70 (0.13)	1.86 (0.04)
12	NW 44 ICHAMATI RIVER	0.46 (0.37)	0.48 (0.36)	0.49 (0.34)		36.21 (0.80)	35.33 (0.78)
13	NW 48 JAWAI-LUNI-RANN OF KUTCH RIVER SYSTEM			2.40 (1.65)			0.02 (0.00)
14	NW 53 KALYAN-THANE-MUMBAI WATERWAY, VASAI CREEK AND ULHAS			2.70 (1.85)			65.18 (1.44)

	RIVER SYSTEM						
15	NW 64 MAHANADI RIVER	0.45 (0.36)	0.67 (0.50)	0.40 (0.28)		9.40 (0.21)	5.93 (0.13)
16	NW 86 RUPNARAYAN RIVER	0.09 (0.07)	0.10 (0.07)	0.14 (0.09)		5.48 (0.12)	4.43 (0.10)
17	NW 94 SONE RIVER		1.16 (0.87)	0.97 (0.67)		27.34 (0.60)	21.64 (0.48)
18	NW 97 SUNDERBANS WATERWAY BIDYA RIVER, CHHOTAKALAGAC HI(CHHOTOKALER GACHI) RIVER, GOMAR RIVER HARIBHANGA RIVER, HOGLA(HOGAL)- PATHANKHALI RIVER, KALINDI(KALANDI) RIVER, KATAKHALI RIVER, MATLA RIVER, MURI GANGA(BARATAL A) RIVER, RAIMANGAL RIVER, SAHIBKHALI(SAHE BKHALI) RIVER, SAPTAMUKHI RIVE R, THAKURRAN RIVER,	5.47 (4.34)	5.19 (3.90)	5.98 (4.10)	920.23 (22.20)	1308.93 (28.82)	1313.01 (28.97)
	SUB TOTAL NWS	32.41 (25.70)	29.34 (22.05)	44.91 (3079)	2852.14 (68.81)	3112.90 (68.54)	3175.74 (70.07)
19	GOA WATERWAYS	2.93 (2.32)	3.52 (2.65)	4.16 (2.85)	158.75 (3.83)	162.67 (3.58)	158.64 (3.50)
20	MAHARASHTRA WATERWAYS	63.15 (50.06)	68.66 (51.61)	63.41 (43.48)	817.80 (19.73)	909.28 (20.02)	821.03 (18.12)
21	GUJARAT WATERWAYS	27.66 (21.92)	31.51 (23.69)	33.36 (22.88)	316.38 (7.63)	356.67 (7.85)	376.65 (8.31)
	GRAND TOTAL	126.15	133.03	145.84	4145.07	4541.53	4532.06
Source: Inland Waterways Authority of India. Note : Figure within brackets indicates percentage to the total.							

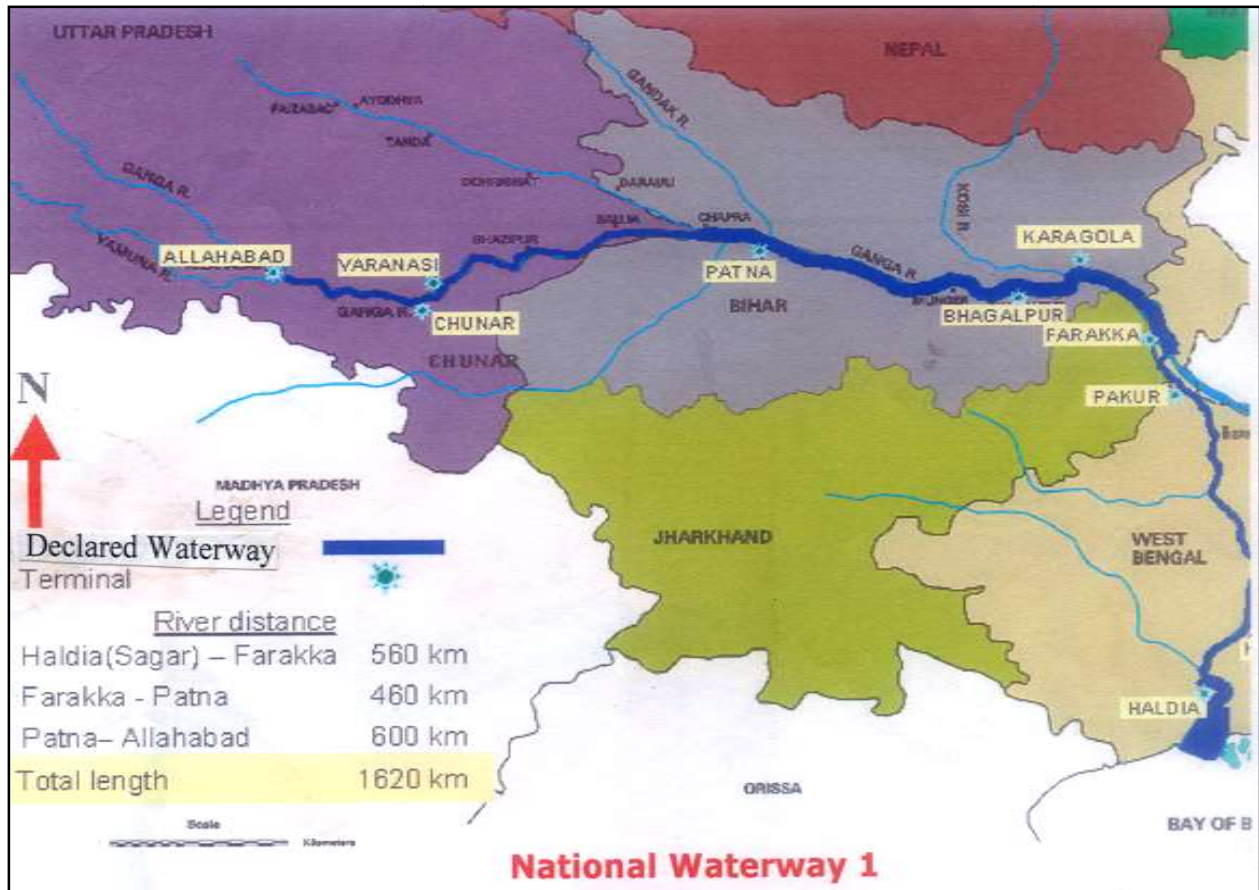
2.3 PASSENGER MOVEMENT ON NATIONAL WATERWAYS

During 2024–25, passenger movement on National Waterways reached a total of 7,63,81,332, reflecting the growing role of inland waterways in regional mobility and tourism. NW-1 (Ganga–Bhagirathi–Hooghly river system) across Uttar Pradesh, Bihar, Jharkhand and West Bengal accounted for the overwhelming share with 4,72,02,730 passengers, underscoring its position as the primary passenger corridor in the country. The NW Wise details of passenger carried during 2024-25 is given in Table 3.

Table 3: Passengers movement on National Waterways during 2024-25			
S. No.	NW	State	Passenger (Nos)
1	NW 1*	Uttar Pradesh, Bihar, Jharkhand, West Bengal	4,72,02,730
2	NW 2	Assam	50,71,938
3	NW 3	Kerala	1,05,23,478
4	NW 8	Kerala	4,75,513
5	NW 9	Kerala	2,78,024
6	NW 10	Maharashtra	2,96,759
7	NW 16	Assam	20,06,940
8	NW 44	West Bengal	4,27,054
9	NW 53	Maharashtra	24,40,300
10	NW 68	Goa	28,04,828
11	NW 86	West Bengal	7,13,113
12	NW 97	West Bengal	31,85,723
13	NW 100	Gujarat	3,25,900
14	NW 111	Goa	6,29,032
		Total	7,63,81,332

*Note: NW 1 passes through the states of Uttar Pradesh, Bihar, Jharkhand, West Bengal

2.4 NATIONAL WATERWAY-1 (Ganga-Bhagirathi-Hooghly River System)



National Waterway 1

Since its declaration as NW-1 in 1986, IWAI is carrying out various developmental works on this waterway for improvement of its navigability and also development and maintenance of other infrastructure such as navigation aids and terminal facilities as laid down in the IWAI Act, 1985 (82 of 1985).

The volume of freight movement on NW-1 was 16.38 Million Tonne in 2024-25 against 12.82 Million Tonne in 2023-24 reflecting an increase of 27.74 %.

Composition of cargo movement on NW-1 over the years is shown in Table 4. The cargo constituted 42.78% Building material (constituting Fly ash, stone chips etc.) on NW-1 followed by 25.92% Miscellaneous cargo (consisting container, vehicles, passenger etc) and 14.36% Mix cargo (general cargo, passenger goods). These three items together accounted for about 83.06 % of the total cargo moved on NW-1 during 2024-25.

Table 4: Commodity-wise Cargo Movement on NW- 1						(in Tonne)
Name of the Commodity	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Building Material	4650148 (51.0)	4816082 (52.3)	4204484.6 (38.5)	4057611.38 (30.81)	4431227.68 (34.55)	6970396.03 (42.78)
Fertilizers	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	276239.8 (1.70)
Food items	5134 (0.1)	105743.4 7 (1.1)	162372.71 (1.5)	19716.09 (0.2)	2816.30 (0.02)	648780.75 (3.98)
Miscellaneous	2162514 (23.7)	1341447 (14.6)	2998008.92 (27.4)	3741221.23 (28.4)	50965.68 (0.40)	4223761.86 (25.92)
Mix	2269124 (24.9)	2935470 (31.9)	3524447.77 (32.3)	5073877.74 (38.5)	8087374.09 (63.06)	2339111.43 (14.36)
Ore/Minerals	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	467000 (2.87)
POL/POL products	0 (0.0)	0 (0.0)	0 (0.0)	251000 (1.9)	245000 (1.91)	188999 (1.16)
Coal	9409 (0.1)	0 (0.0)	15542.61 (0.1)	10565.65 (0.1)	1251.88 (0.01)	1205780.98 (7.40)
Iron steel	16068 (0.2)	7222.202 (0.1)	22931.39 (0.2)	15860.91 (0.1)	5476.37 (0.04)	60971.15 (0.37)
Total	9112397	9205965	10927788	13169853	12824112	16381041

Source: Inland Waterways Authority of India
Note: Figure within brackets indicates percentage to the total
Neg. – negligible
Mix – General cargo, Passenger Goods etc.
Miscellaneous – Consisting Container, Vehicles, Passenger etc.

2.4.1 DEVELOPMENTAL ACTIVITIES ON NW-1

Jal Marg Vikas Project:

The Jal Marg Vikas Project (JMVP) aims to enhance navigation and transport efficiency on National Waterway-1, spanning 1390 km from Varanasi to Haldia with an estimated project cost

of Rs. 5061.15 crore, the project is technically supported and funded by the World Bank. The Jal Marg Vikas Project is ambitious initiative taken by the union government for the development of National Waterway -1 and creating waterways logistics corridor of 1380 kilometre from Varanasi to Haldia through river Ganga - Bhagirathi-Hooghly River system.

The Implementation of Jal Marg Vikas Project has achieved the physical progress of 71.32% and financial progress of 70.45%(Aug'25), the current schedule of implementation timeline is December 2025 but extension of suitable project timelines i.e. up to December 2026, the proposal is submitted to the Ministry vide letter dated 21.05.2025.

I. Major Inland Waterways Terminal Developed:

- MMT Varanasi of 1.26 MMTPA capacity is developed in Uttar Pradesh at incurred cost of Rs.182.33 cr.
- MMT Sahibganj of 3.03 MMTPA capacity is developed in Jharkahnd at incurred cost of Rs. 278.4 cr.
- MMT Haldia of 3.09 MMTPA capacity is developed in West Bengal at incurred cost of Rs.514.83 cr.
- IMT Kalughat of 77,000 TEUs capacity is developed in Bihar at Incurred cost of Rs. 84.5 cr.

II. Fairway Development & Maintenance along NW-1:

Fairway development and maintenance activity is absolutely crucial step for the success and viability of Jal Marg Vikas Project, therefore consistent strategic efforts are being made to ensure river channel navigable year around. The primary goal is to ensure least assured depth (LAD) sufficient for safe and efficient movement of commercial inland vessel in the river. The strategic target LAD is maintained across stretches with bottom clearance width of 35 to 45 meter.

- Haldia – Barh stretch for 3 meter
- Barh – Ghazipur stretch for 2.5 meter
- Ghazipur – Varanasi stretch for 2.2 meter

The strategic fairway development and maintenance measures like Dredging, River Training Works, Bandalling, Channel Marking, Channel Stabilization and Bank Protection Works and Installation of Navigation Aids etc. being undertaken under project.

The comprehensive and continuous End to End dredging philosophy on National Waterways -1 in undertaken through JMVP in 11 stretches on NW-1 to maintain required depth for commercial navigation. Therefore, dredging is become crucial step in success of the project like Jal Marg Vikas Project which aims to overcome the inherent challenges of an alluvial river like the Ganga.

Status (Aug, 25) of ongoing Fairway Development Projects on National Waterways -1 are as follows:

- Tribeni – Katwa (152 km) has achieved physical progress of 36.11%
- Katwa – Farakka (199 km) has achieved physical progress of 33.33%
- Farakka – Kahalgaon (146 km) has achieved physical progress of 41.67%
- Kahalgaon – Sultanganj (60 km) – NOC applied on Parivesh Portal of MoEFCC
- Sultanganj – Mahenderpur - Barh (145 km) has achieved physical progress of 15.97%
- Barh – Digha (74 km) has achieved physical progress of 12.52%
- Digha – Majhauwa (95 km) has achieved physical progress of 23.50%
- Majhauwa – Ghazipur (115 km) has achieved physical progress of 21.66%
- Ghazipur to Varanasi (135 km) dredger mobilized.
- Dredging for Kalughat Access channel (12.5 km) has achieved physical progress of 49.60%
- Fairway development Haldia Access channel – Work awarded and dredger mobilized.

List of fairway development projects completed are as follows:

- Fairway development Farakka- Kahalgaon (146 km) from 2018 – 2023 at cost of Rs. 211.93 Cr. is completed
- Fairway development Sultanganj – Mahendrapur (74 km) (2019 to 2024) at cost of Rs. 211.10 Cr. is completed.
- Fairway development Mahendrapur to Barh (71km) (2019 – 2024) at cost of Rs. 227.64 Cr.

III. JMVP-II (Arth Ganga): JMVP-II (Arth Ganga) is developed on an approach based on the principles of sustainable development model to energize economic activities. This is proposed to have an impact on overall ecosystem along the riverbanks. The interventions under JMVP-II (Arth Ganga) will provide logistics solutions for small farmers, fishery units, unorganized farm

producing units, horticulturists, florists and artisans to reach the nearest market place, which would steer a massive economic revolution in the region generating substantial employment. Following are the major initiatives under this project:

Construction, Maintenance & Repair of Lock Gates:

- Development of New Navigational Lock Gate at Farakka is completed at cost of Rs. 369.53 Cr. this new navigational lock gate will enhance vessel passage and increase transport efficiency and reliability on National Waterway -1
- Modernization of Existing Navigational Lock gate work is awarded at cost of Rs. 244.45 Cr and work is ongoing – Phy. Progress 30% & Financial Progress 21.55%

Development of 60 Community Jetties on NW-1:

JMVP II (Arth Ganga) is an outbreak initiative to energize economic activity along the hinterland of NW-1 by providing IWT logistical support for local communities, the community jetties are intended to benefit grassroot stakeholders and communities.

Benefits of Community Jetties:

- **Improved Connectivity:** Enhance accessibility and utility of NW-1, particularly for rural and semi-urban areas along hinterland.
- **Local Trade Promotion:** Facilitate transport of goods through waterways and enhancing ecosystem for boosting local trade.
- **Livelihood Support:** Provide platforms for fish landing, supporting fishing communities, and creating better employment opportunities.
- **Tourism:** Promote river tourism by enabling frequent ferry operations and providing access for potential tourist's sites.
- **Cost-Effective and Eco-friendly Transport:** Offer a safe and sustainable means of transport for both people and goods, reducing logistics costs and environmental impact compared to road transport.

The development of these 60 community jetties is a crucial step towards realizing the full potential of India's inland waterways for both commercial transport and the upliftment of riverine communities. Arth Ganga concept is deeply rooted in implementation of Jal Marg Vikas Project focussing wider economic benefits, the jetties are equipped with essential facilities like

- Berthing jetties with gangways Passenger waiting halls

- Security/ticketing/office rooms
- Bio-toilets
- Drinking water facilities
- Vehicle parking areas
- Facilities for differently-abled individuals
- Connectivity with the nearest road

Development of Community Jetties – Current Status:

State	Uttar Pradesh	Bihar	Jharkhand	West Bengal
Planned	15	21	2	22
Commissioned	15	21	2	15

IV. The statistics on the yearly capital expenditure incurred for the development of infrastructure for capacity augmentation of NW-1 under JMVP is given in Table 5.

Year	Expenditure (in Cr.)
2014-15	2.78
2015-16	141.52
2016-17	301.92
2017-18	348.53
2018-19	430.93
2019-20	460.02
2020-21	210.80
2021-22	222.11
2022-23	317.33
2023-24	513.24
2024-25	515.00

Source: Inland Waterways Authority of India

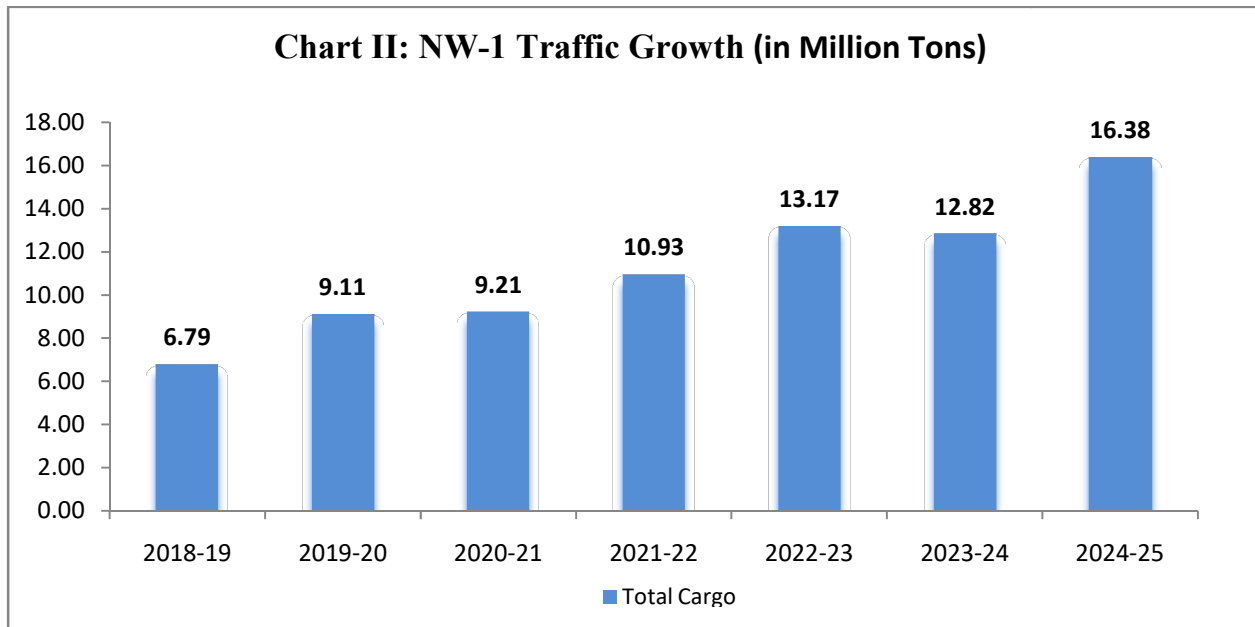
V. Jal Marg Vikas Project- Overall Physical & Financial Progress (As on 31.08.2025)

Considering revised cost of Rs.5061.15 cr.

- Physical Progress is 71.32%
- Financial Progress is 70.45%

VI. JMVP interventions impact on growth of traffic along NW-1:

The flagship project interventions are instrumental support for contributing traffic growth along National Waterway-1, the resultant of consistent investment in infrastructure, policy support, and operational enhancements indicate a strong commitment to making NW-1 and other National Waterways as optional, sustainable and cost-effective mode of transportation.



The Jal Marg Vikas Project (JMVP) has been the single most significant catalyst for the notable growth in traffic on National Waterway-1 (NW-1), the Ganga-Bhagirathi-Hooghly River system. Before JMVP, NW-1 was underutilized due to various bottlenecks that hindered efficient and reliable navigation for larger commercial vessels.

JMVP has transformed NW-1 from a largely underutilized waterway into a viable commercial artery. Its focus on assured depth, multi-modal connectivity, efficient locks, and navigational aids has directly led to increased traffic by improving reliability, reducing transit times, and lowering logistics costs, thus attracting diverse cargo and encouraging private sector participation.

VI. Status of Major Works:

- Constructions of Multi-Modal Terminals at Varanasi, Sahibganj and Haldia, Inter-Modal Terminal at Kalughat and New Navigation Lock at Farakka have been completed.



Varanasi Multi-Modal Terminal



Haldia Multi-Modal Terminal



Sahibganj Multi-Modal Terminal

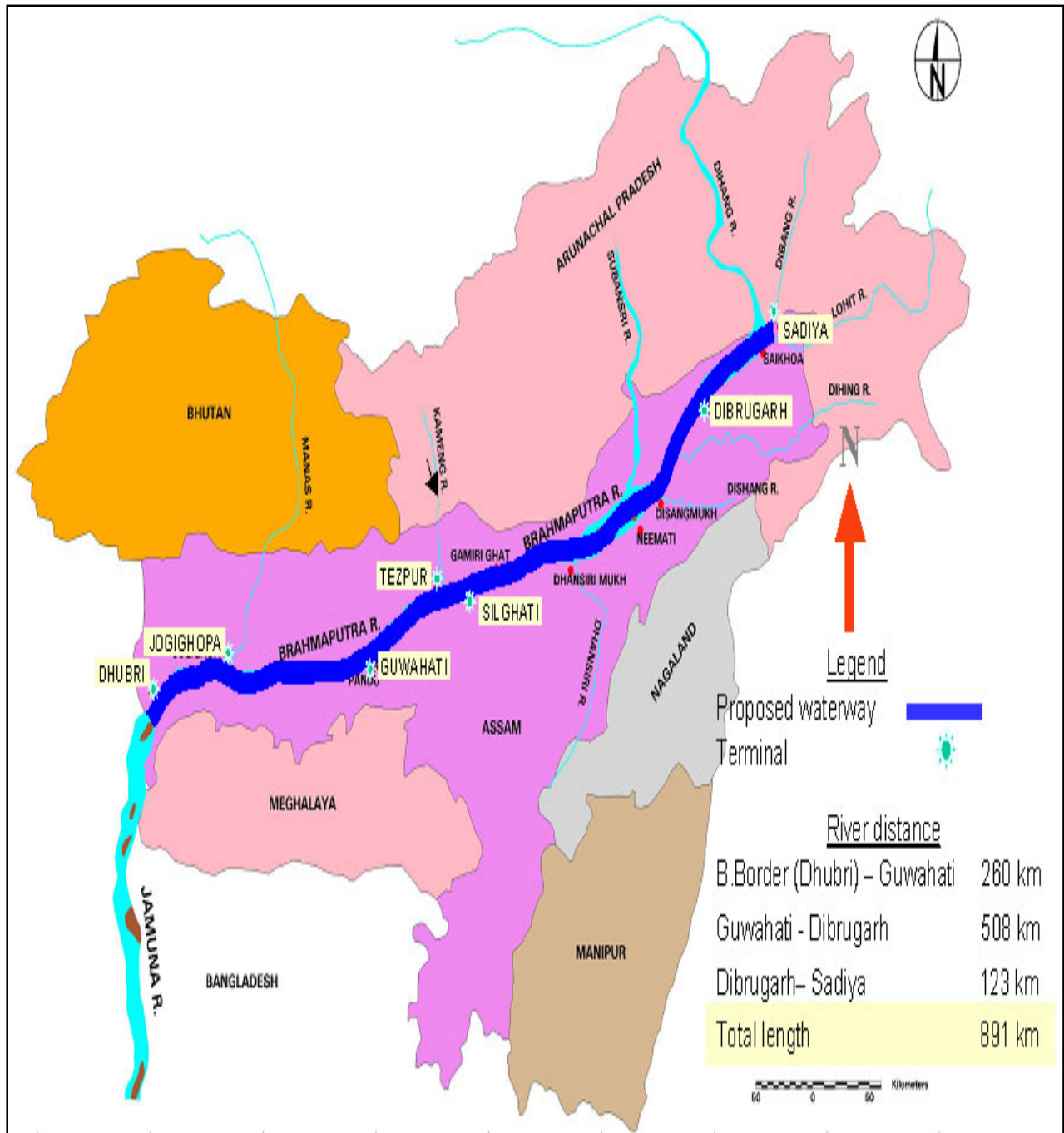


Navigational Lock at Farakka



Kalughat Intermodal Terminal

2.5 NATIONAL WATERWAYS - 2 (Brahmaputra River)



National Waterway 2

Brahmaputra river from Dhubri (Bangladesh Border) to Sadiya (891 km) was declared as NW -2 in 1988. For development of NW-2 a revised SFC at a cost of Rs 474 crore for the period from 2020-21 to 2024-25 was approved.

- i. Under approved SFC, there are 18 activities. Out of these 18 activities, 6 are of permanent nature namely, (i). Construction of Jogighopa terminal, (ii). Alternative Road to Pandu Port, (iii). Ship repair facility at Pandu (iv). Construction of Cargo cum Passenger terminal at Bogibeel, Dibrugarh (v). Boundary wall at IWAI parcel of land at Pandu, Neamati and Nagaghuli (vi). Improvement of existing approach road including study & land acquisition for Dhubri Terminal. The remaining 12 activities are of recurring nature viz., (i). Fairway development (ii). O&M of navigational aids (iii). O&M of fixed & floating terminals (iv). O&M of vessels (v). Consultancy training (vi). Maintenance of e-portal etc. These activities are carried out on annual basis.
- ii. A navigable fairway of 45-meter width and 2.50 meter Least Available Depth (LAD) from Dhubri to Neamati (629km) and 2.00 meter LAD from Neamati to Dibrugarh (139 Km) and 1.50 meter from Dibrugarh to Oriumghat/Sadiya (123km) is being maintained with day and night navigational aids and terminals at strategic locations. The development of NW-2 enables waterway connectivity of NER with Kolkata/Haldia Ports via IBP Route.

iii. Status on permanent nature activities during 2024-25:

(a) Terminal at Jogighopa

M/s National Highways Infrastructure Development Corporation Ltd (NHIDCL) has been entrusted with the construction work on deposit work basis.

NHIDCL has awarded the work on 06.10.2021 to M/s DVP Infra Project Pvt. Ltd. Agreement signed on 28.12.2021

Project completed and inaugurated by Hon'ble Minister of Ports, Shipping and Waterways on 18th February 2025.

(b) Construction of Cargo cum Passenger terminal at Bogibeel, Dibrugarh

M/s Indian Port Ropeway Rail Corporation (IPRCL) has been entrusted with the construction work on deposit work basis.

An agreement with IPRCL signed on 18.01.2023. Construction of Cargo cum Passenger terminal completed with Physical Progress 100.00%, financial Progress 98.42%.

Besides, the above following additional work are also assigned to IPRCL

Bank Protection work at a cost of Rs 4.24 cr (incl DPR+FSR+PMC+GST).

Date of Start: 3.12.2024, physical progress: 87 %.

Extension of Jetty at a cost of Rs 23.52 cr (incl PMC+GST).

Physical progress: completed.

Custom and Immigration building at Bogibeel at a cost of Rs 8.87 cr (incl PMC+GST).

LoA: 05.06.2024, physical progress: 33 %.

Custom and Immigration building at Dhubri at a cost of Rs 9.31 Cr (incl GST + PMC)

LoA: 05.06.2024, physical progress: 18 %.

iv. Fairway development:

To facilitate the safe movement and operations of inland vessels navigating NW-2 and extending further into Bangladesh through the Indo-Bangladesh Protocol (IBP) route, a Memorandum of Understanding (MoU) for dredging to provide an Assured Least Available Depth (LAD) of 2.5 meters in NW-2, along with Project Management Consultancy (PMC) for dredger operations, was signed between the Inland Waterways Authority of India (IWAI) and the Dredging Corporation of India (DCI). Accordingly, work on deposit basis for Assured depth dredging along with installation of navigational aids, were entrusted to DCI for the following stretches of NW-2 during FY 2024-25:

- Bangladesh Border to Jogighopa (108 km)
- Jogighopa to Pandu (147 km)

Additionally, the PMC for the operation of dredgers in stretches where dredging is done with IWAI dredgers were also assigned to DCI. Subsequently, DCI awarded the EPC contracts for dredging in the above stretches to executing agencies at a cost of Rs. 77.18 Cr and Rs. 66.08 Cr (including PMC charges), respectively, for a period of three years in the stretch (i) & (ii) as mentioned above and expected scheduled completion by March 2027.

v. Construction, supply, installation of 2 Nos. of Floating jetties at Bogibeel and Guijan / Pandu

The work was awarded to M/s Coastal Consolidated Structures Pvt. Ltd for an amount of Rs. 9.75 Cr. Work is in progress, with physical progress of 95.5%

vi. Construction of Boundary Wall at Jogighopa Terminal

The work has been taken up by M/s DVP - JAK JV at an awarded cost of Rs. 12.33 cr.

The date of the start of the project :1.11.2024

The stipulated time to complete the work is for a period of 18 months.

The expected date of completion by February 2026.

Work is in progress, with a physical progress of 39%

Apart from the major development works listed above, regular maintenance works were also taken up viz. O&M of existing terminals, Navigational aids, O&M of vessels, fairway maintenance etc. The project approved by SFC "Comprehensive Development of NW-2" revised from Rs 474 Cr to Rs. 498.38 and completed on May'2025. To carry out the spillover works and continue recurring activities a new DIB for integrated development of NW-2 at a cost of Rs 465.55 Cr has been submitted to MoPSW for the period June 2025-March 2028.

vii. DIB for the development of Ship Repair facility at Pandu, Guwahati and Development of Approach Road from Pandu Port to NH-27

Project cost Rs.388.00 crores has been approved by MOPSW on 03.01.2023, revised to Rs 419 Cr with completion period up to March 2026.

Status of the projects are as below:

A). Ship repair facility at Pandu, Guwahati, Assam (Estimated Cost approved under DIB-Rs.208 Cr. Revised to Rs 239 Cr.)

Construction of ship repair facility entrusted to Hooghly Cochin Shipyard Ltd (HCSL), a subsidiary of CSL, on Deposit Work Basis. The state-of-the-art ship repair facility, the first of its kind, is under construction at Pandu at a cost of Rs. 208 crores (Jan'2023) revised to Rs 239 Cr and expected to be completed by March, 2026. This ship repair facility will benefit repair and maintenance of inland vessels plying in NER, which otherwise comes to Kolkata all the way through Bangladesh, spending huge expenditure and time.

Agreement signed between IWAI and HCSL on 26.08.2021. Addendum - I to the Agreement signed on 16.02.2022. HCSL engaged NTCPCW as PMC for site investigation, finalization of Proposal, preparation of DPR, Detailed Design, and Bid Process Management etc. Work awarded on 31.03.2023 to M/s L & T Geo-structure Pvt. Ltd., Chennai at a total cost of Rs.145.49 cr. Project is likely to be completed in March 2026. 77.8% physical progress achieved

B). Alternative road from Pandu Port to NH-27(Estimated Cost approved under DIB-Rs.180 Cr.)

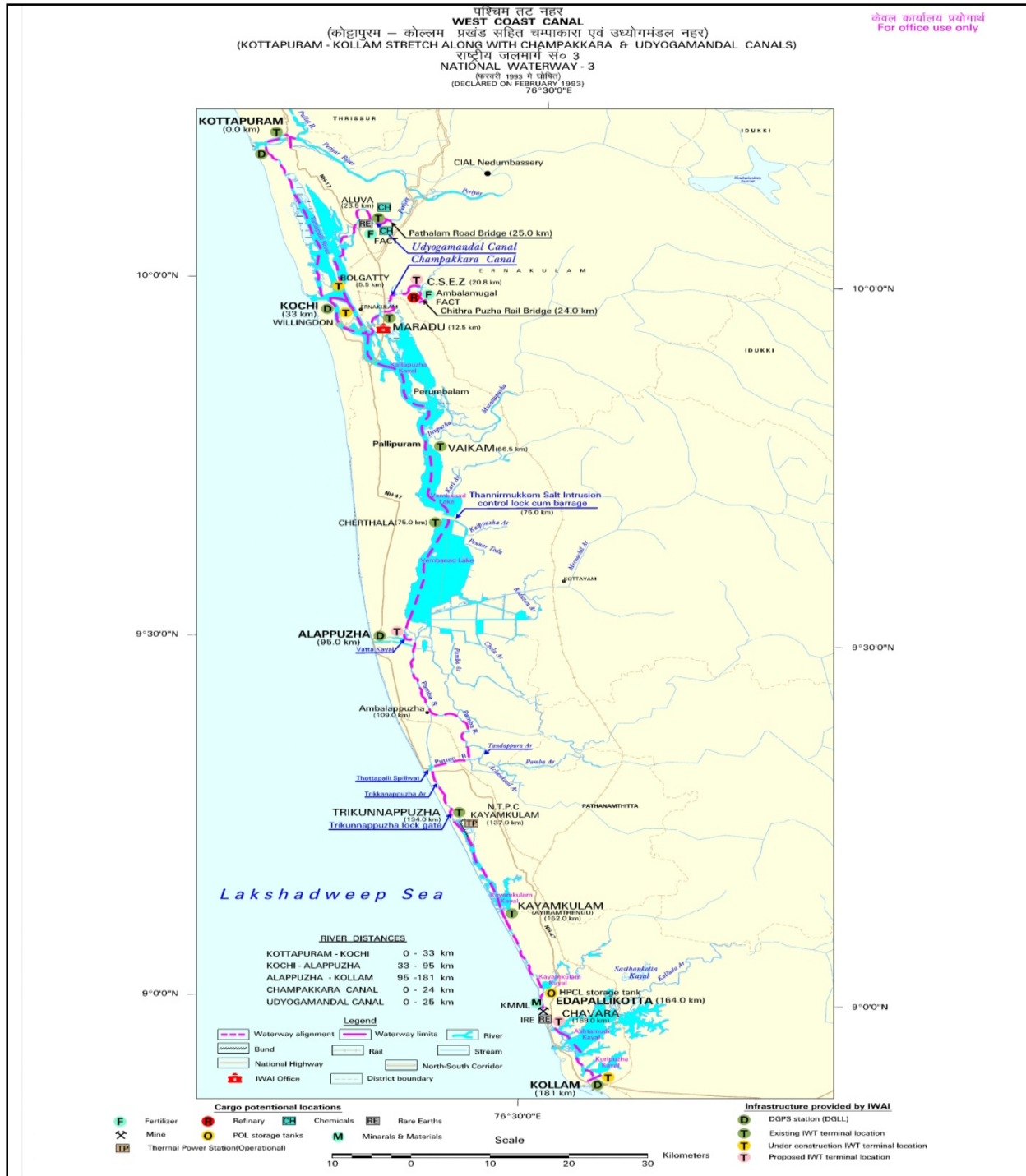
Connecting NH-31 at a cost of Rs. 180 crores (Jan'2023) with Pandu port - Country's only Multi Modal River terminal having Rail Connectivity is further strengthened by Road Connectivity with scheduled completion September 2025. Work entrusted to PWD (Roads), Govt of Assam on Deposit Work Basis. MoU signed with PWD (Roads), Govt. of Assam on 31.08.2022. Work

Commenced and under progress. Expected to complete in September 2025 81.0 % physical progress achieved

Cargo traffic on NW 2 was 899520 tonne during 2024-25 against 589489 tonne during 2023-24. Commodity-wise composition of cargo movement over the years on NW-2 is given in Table 6.

Table 6: Cargo movement on NW - 2						(in Tonnes)
Commodity	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Building Material	-	-	-	-	-	3785 (0.42)
Food items	-	-	-	-	-	-
Miscellaneous	392767 (100)	307095 (100)	428134 (100)	629853 (100)	589489 (100)	895767 (99.58)
Mix	-	-	-	-	-	-
Ore/Minerals	-	-	-	-	-	-
POL/POL Products	-	-	-	-	-	-
Total	392767	307095	428134	629853	589489	899552
Source: Inland Waterways Authority of India						
Note: Figure within bracket indicates percentage to the total						
Neg. – negligible						
Miscellaneous – vehicles, passengers, passenger goods, animal etc.						

2.6 NATIONAL WATERWAY-3 (West Coast Canal, Champakara and Udyog Mandal Canals & West Coast Canal)



National Waterway 3

West Coast Canal from Kottapuram to Kollam (168 km) together with Champakara canal (14 km) and Udyogmandal canal (23 km) was declared as NW-3 in 1993. It further extended stretch

of West Coast Canal from Kottapuram to Kozhikode for a length of 165 km, thereby extending the total length of NW-3 to 370 km. IWAI is conducting channel developmental work that includes dredging for providing fairway of 2.20m LAD, channel width of 38 / 32m, 24 hours navigational facilities and terminal facilities equipped with mechanical cargo handling equipment. IWAI has constructed nine permanent terminals at Kottapuram, Aluva, Maradu, Vaikkom, Thanneermukkom (Cherthala), Alapuzha, Kayamkulam, Thrikkunnappuzha and Kollam..

The volume of cargo on NW-3 increased to 3493457 tonne in 2024-25 from 3292543 tonne in 2023-24 recording an increase of 8.23%. Commodity wise composition of cargo movement over the years on this waterway is given in Table 7.

Table 7 : Cargo movement on NW - 3						(in Tonnes)
Commodity	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Chemicals	540997 (99.07)	661389 (89.57)	364702 (21.52)	585882 (18.15)	424458.59 (12.89)	425371 (12.18)
Fertilisers	0 (0.0)	0 (0.0)	0 (0.0)	132447 (4.1)	24182.3 (7.3)	-
Food items	-	-	-	-	-	239158 (6.85)
Miscellaneous	-	-	-	-	1746420.5 (53.0)	2273812 (65.09)
Mix	5054 (0.93)	77042 (10.43)	1218042 (71.86)	2442393 (75.67)	789189.91 (23.97)	158696 (4.54)
Ore/Minerals	-	-	-	-	-	129390 (3.70)
POL/POL products	0 (0.0)	0 (0.0)	112289 (6.62)	67174.1 (2.08)	90651 (2.75)	267031 (7.64)
Total NW III	546051	738431	1695033	3227896	3292543	3493457
Source: Inland Waterways Authority of India						
Note: Figure within brackets indicate percentage to the total						
Mix –Liquid effluent, Building materials etc.						
Miscellaneous – Machinery, Steam Turbine, ODC Cargo, Harbour Crane and Turbine & Generator etc.						



Cargo Barge movement in NW-3

24 hours navigational aids (312 nos.) provided for round the clock navigation in NW-3. In addition, permanent Beacon posts with lights (17 nos.) also provided in NW-3. NW-3 has an assured 2.00 m Least Available Depth (LAD) with 32 m / 38 m bottom channel width, except 1.50 km sections spread over 3 locations, where LAD of 2 m achieved for single lane channel.

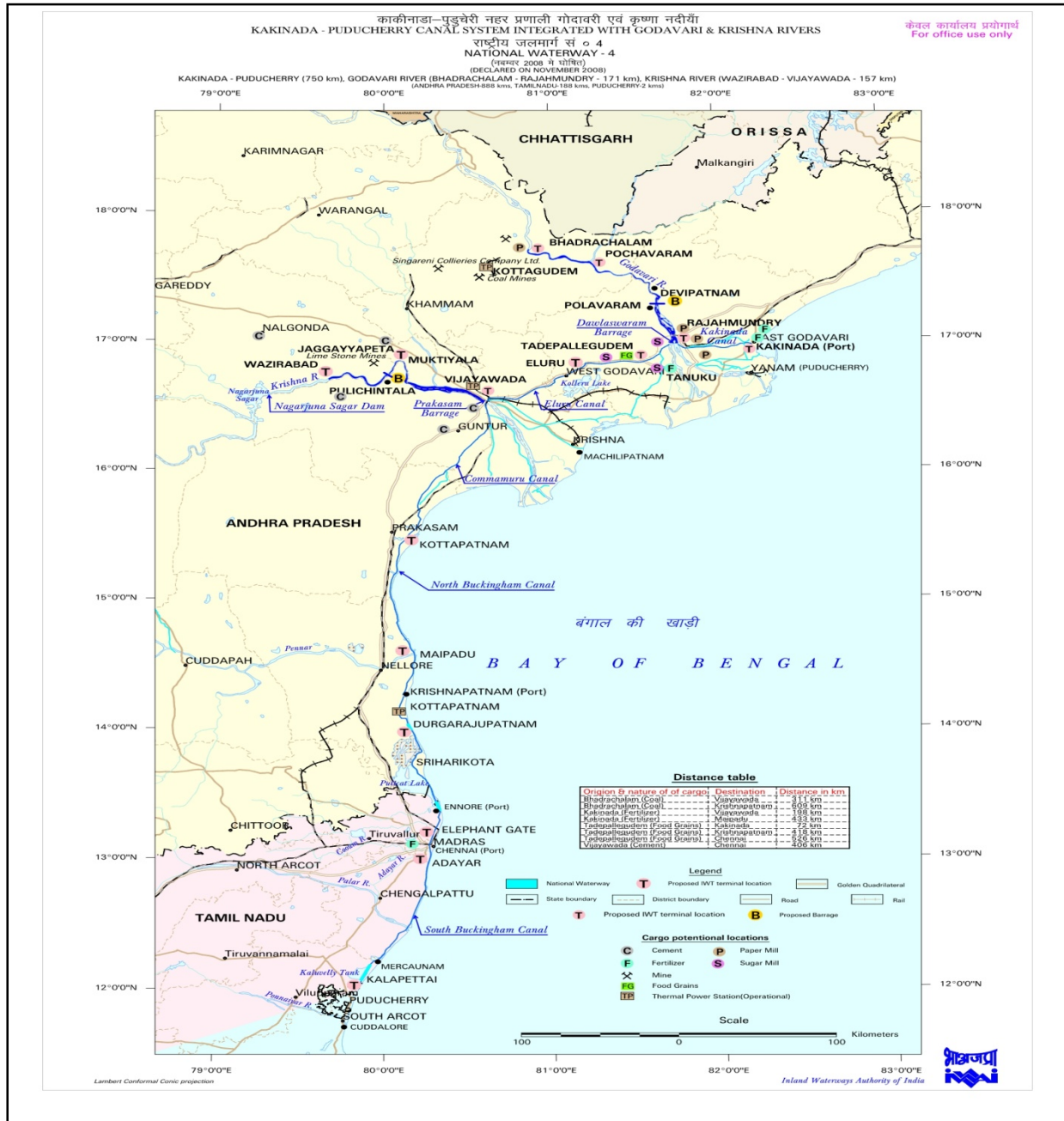


RO-RO vessel “M.V C.V Raman” operation in NW-3

Two Ro-Ro IWT permanent terminals built at Bolgatty & Willingdon Island for container traffic to ICTT Vallarpadam through Ro-Ro / Lo-Lo services. Two nos. Ro-Ro Vessels deployed for Ro-Ro operations through M/s Kerala Shipping & Inland Navigation Corporation Ltd., Kochi. Ro-Ro service reduces the Kochi city congestions and also reduces the road distance of 35 KM. (i.e., 3.50 km on IWT v/s 35 km on Road).

The construction of navigation lock at Thrikkunnappuzha was entrusted to Irrigation Dept., Govt. of Kerala in year 2017. The physical progress achieved 70% with scheduled completion by December, 2025. The construction of single lane bridge at Kovilthottam was entrusted to Harbour Engineer dept. (HED), Govt. of Kerala in year 2017 (on cost sharing 50:50 between IWAI & KMML). The physical progress achieved is 60% and scheduled completion by December, 2025.

2.7 NATIONAL WATERWAY-4 (West Coast Canal, Kakinada Canal, Godavari River, Eluru Canal, Krishna River, Commamur Canal, North Buckingham Canal South Buckingham Canal, Marakanam to Puducherry through Kaluvelly tank, River Godavari & River Krishna)



National Waterway 4

NW-4 was declared in 2008 for the length of 1,078 km comprising of the Kakinada – Puducherry stretch of canals and the Kaluvelly Tank, Bhadrachalam – Rajahmundry stretch of river Godavari and Wazirabad – Vijayawada stretch of river Krishna in Andhra Pradesh & Tamil

Nadu. With the notification of the National Waterways Act 2016, the total length of NW-4 got extended to 2,916 km by extending river Godavari up to Nasik and river Krishna up to Galagali.

Projects completed so far include fairway development works in the Vijayawada - Muktyala stretch of river Krishna, fabrication /installation of four floating pontoons and land acquisition for the Ro-Ro terminals at Harichandrapuram and Muktyala.

Monthly longitudinal Survey carried out in Muktyala- Prakasam Barrage (River Krishna) & Polavaram- Pochavaram (River Godavari). The work for feasibility of Penna River (till Mylawaram Reservoir) was awarded.

The cargo movement for last 05 years in NW-4 is given below:

Description/ FY	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY-24-25
Cargo Movement (MMT)	0.08	6.83	11.23	8.42	4.30	4.90

2.8 NATIONAL WATERWAY-5 (East Coast Canal, Matai River, Brahmani-Kharsua-Dhamra Rivers, Mahanadi Delta Rivers)



National Waterway 5

Mahanadi / Brahmani delta, Matai River & East Coast Canal (ECC) was declared as NW-5 in November 2008 for total length of 588 Km. The Brahmani / Mahanadi river basins extending in Madhya Pradesh, Jharkhand & Odisha have rich deposits of minerals, coal, iron ore and large production of various industrial & agricultural products. The commodities to be transported through NW-5 could be divided into three groups namely, Minerals (Coal, Iron Ore), Agricultural products (Paddy, Rice, Straw, Animal fodder, fish, Jute) and Finished goods / Manufactured products (from Kalinganagar industries, textiles and forest).

IWAI awarded the work for preparation of DPR on NW-5 to WAPCOS Ltd and DPR was submitted in March, 2010. The lengthwise distribution of NW-5 in 3 different stretches, as per the DPR is given below:

1.	Stretch I	Talcher to Mangalgadi	237 Km
2.	Stretch II	Dhamra to Paradip	95 Km
3.	Stretch II	Dhamra to Geonkhali	256 Km
		Total	588 Km

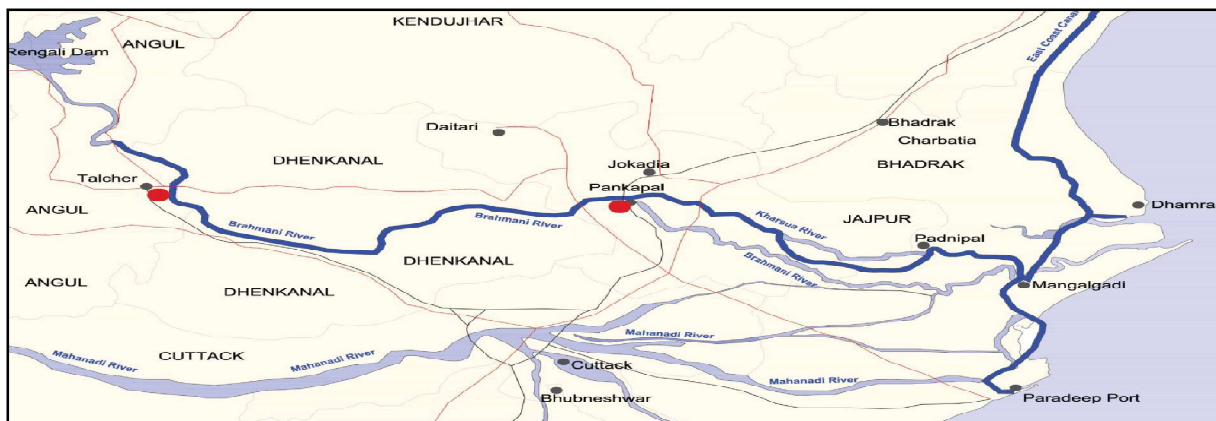
Based on the feasibility studies and DPR updated on 2016 and keeping the potential of cargo movements as emanated through various studies, it was decided to initially develop 332 km of economically & commercially viable stretches of NW-5 between Paradip / Dhamra and Talcher in following 2 phases.

Industrial Scenario

Major industries in Odisha are concentrated in the clusters of Rourkela, Kalinganagar, Jharsuguda, Angul, Dhenkanal, Sundargarh, Kendujhar, Khorda, Paradip, Balasore and Koraput. Out of these industrial clusters, a traffic study has been conducted for the relevant clusters along the waterway i.e. Angul, Dhenkanal, Jajpur, Balasore and Haldia(only major industrial cluster of West Bengal in the hinterlands of NW-5). It is assumed that traffic from these clusters moving along the waterway is likely to shift onto the waterway. These clusters here are delineated according to district boundaries.

Connectivity

Industries in district of Angul, Dhenkanal and Jajpur are well connected to coal and iron ore mines and to Paradip and Dhamra ports via rail and road. The existing network of road and rail connecting these relevant clusters with each other and with ports and mineral reserves is presented in the figure below



Connectivity Network of Road and Rail surrounding NW-5

Rail Connectivity: Talcher is part of the East Coast Railway zone and is connected to various cities of Odisha such as Puri and Bhubaneswar through Bangrusin. Paradip Port is connected by a double, electrified line section with Cuttack which connects to the Howrah Chennai Trunk Line. The 155 km Daitari- Banspani rail line has been commissioned in March 2024. The 78 km Haridaspur-Paradip Rail Link to provide a dedicated corridor from the Port to the iron ore mines and steel plants has been commissioned in 2020. Dhamra port has two rail tracks and a four lane road along with service lines viz. transmission line and pipe lines.

Traffic

The proposed waterway passes through the major towns like Talcher, Paradip, Dhamra in the river section and Bhadrak, Balasore, Jaleswar and Haldia in the canal section. The river section of waterway is basically rich in minerals viz. coal, iron ore and industrial products such as Ferrochrome, steel alloys, tyres, granites and forest products The canal section of waterway carries mainly agriculture production, handicrafts, textiles etc. Moreover, the waterway provide passage for movement of these cargo to consumer centers located along the coastline and to north/north-eastern through NW – 1 / NW – 2. The likely commodities to use the proposed IWT mode are divided into the following groups Minerals : Coal, Iron Ore, Agricultural products : Paddy, Rice, Straw, Animal fodder, Jute, Coconut and manure, consumables, fish products. Finished goods/Manufactured products: Fertiliser, cement, sugar, salt, building materials (sand, bricks, metals, tiles, Asbestos sheets and fabricated steel items), textiles etc. The projected Cargo volumes are:

Sl No.	Origin - Destination	Major Commodity	Traffic(MMTPA)
Outbound			
1	Talcher to Paradip	Thermal Coal	10 MMTPA
2	Talcher to Pankapal	Thermal Coal	6 MMTPA
3	Talcher to Dhamra	Thermal Coal	4 MMTPA
4	Pankapal to Dhamra	Steel	4 MMTPA
Inbound			
1	Paradip to Talcher	Coking Coal	1.5 MMTPA

2	Paradip to Pankapal	Coking Coal	1.5 MMTPA
3	Dhamra to Pankapal	Coking Coal	1.5 MMTPA
4	Dhamra to Talcher	Coking Coal	1.5 MMTPA
Total			30 MMTPA

IWAI has appointed M/s. KPMG-HAS as Transaction Advisor for development and operationalization of NW-5 & NW-64 in PPP mode. Pursuant to meeting of CoS and subsequent directives, the following course of action has been taken.

- An existing SPV namely Inland Waterways Consortium of Odisha Ltd has been on boarded in May 2024 with Govt of Odisha and Paradip Port Authority as equity partners.
- Vetting of Design and Drawings for weirs/barrages of Phase-1 (Pankapal-Dhamra/Paradip) has been completed in March 2024 through NTCPWC, IIT Madras.
- TEFRR for Phase-2 (Talcher-Pankapal) has been prepared through NTCPWC, IIT Madras.
- Financial analysis report prepared through KPMG HSA has been shared with all stakeholders on 29.08.2024.
- Meeting with industry stakeholders held on 07.10.2024 for comments/views.
- Meeting with Stakeholders of SPV held on 14.10.2024 for view/comments.
- Work for updation of DPR for NW-5 awarded to M/s. WAPCOS on 20.11.2024. Inception report & traffic study submitted. Physical progress- 45% & Financial progress:- 20%.
- Industry stakeholders meet conducted at Kalinganagar on 24.04.2025 to seek inputs/comments on proposed development plans of IWAI for NW-5.
- Govt/industry stakeholders meet convened at Paradip Port on 25.04.2025 to seek inputs/comments on proposed development plans of IWAI for NW-5.
- Meeting held between Chairman, IWAI and Chief Secretary, Govt of Odisha on 25.04.2025 to appraise Govt of Odisha on proposed development plans of IWAI for NW-5 & other NWs in the State of Odisha.

2.9 INDO -BANGLADESH WATERWAY ROUTE

Indo-Bangladesh Protocol for Inland Water Transport

A Protocol on Inland Water Transit & Trade (PIWT&T) between India and Bangladesh has been in existence since 1972 facilitating movement of inland cargo vessels of one country on designated routes of other country for transit & trade of goods through inland waterways. For making the Protocol more effective, many landmark decisions were taken in the last two (19th and 20th) Standing Committee Meeting on PIWT&T and Secretary Shipping Level Talks held in New Delhi and Dhaka. These decisions are given effect with the signing of 2nd addendum under PIWT&T. New Indo-Bangladesh Protocol Route (IBP 9 and 10) Sonamura to Daudkandi, six new Ports of Call and two Extended Ports of Call have introduced. The new Ports of Calls included in the PIWT&T have indicated below:

Bangladesh		India	
Ports of Call	Extended Ports of Call	Ports of Call	Extended Ports of Call
Narayanganj	Ghorasal	Kolkata	Tribeni (Bandel)
Khulna	--	Haldia	--
Mongla	--	Karimganj	Badarpur
Sirajganj	--	Pandu	--
Ashuganj	--	Silghat	--
Pangaon	Muktarpur	Dhubri	--
Rajshahi	--	Dhulian	--
Sultanganj	--	Maia	--
Chilmari	--	Kolaghat	--
Daudkhandi	--	Sonamura	--
Bahadurabad	--	Jogigopha	--

The protocol permits vessels of either country to carry Indo-Bangladesh cargo and prohibits one country's vessels carrying intra- country traffic of the other. Bangladesh vessels are permitted to carry Indian domestic cargo transiting through Bangladesh from Kolkata, Haldia to North East and vice-versa.

Movement of cargo along IBP route has shown decline of 2.70% in year 2024-25 over that in 2023-24. The cargo moved over this route has decreased to 4.58 Million Tonne in 2024-25 against 4.70 Million Tonne in 2023-24 (Table 8).

Chart II depicts trend in cargo movement on India-Bangladesh Protocol route during the years 2015-16 to 2024-25.

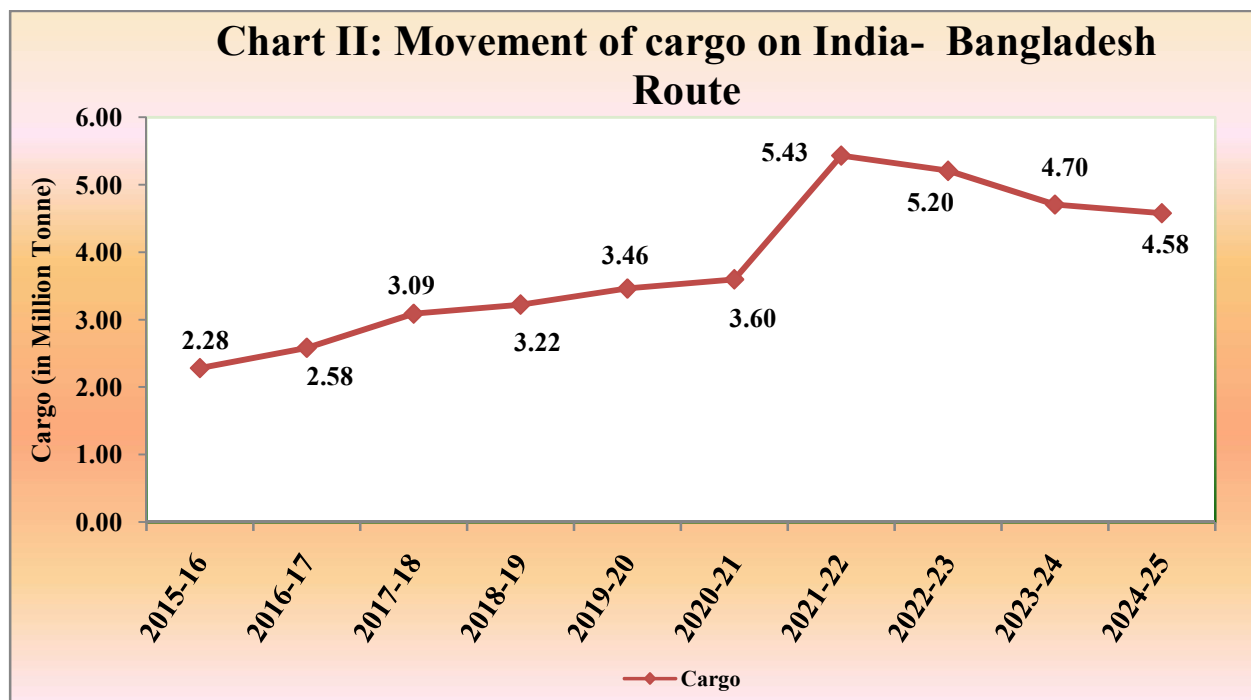


Table 8 shows the cargo and the main commodities carried on IBP route during 2015-16 to 2024-25.

Route	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Commodities
India to Bangladesh	2.28	2.58	3.09	3.22	3.46	3.60	5.43	5.20	4.70	4.58	Fly Ash, Coal, Coke, Sponge iron, steel etc
Total	2.28	2.58	3.09	3.22	3.46	3.60	5.43	5.20	4.70	4.58	

Source: Inland Waterways Authority of India

2.10 NATIONAL INLAND NAVIGATION INSTITUTE (NINI)

National Inland Navigation Institute was set up by IWAI at Patna, Bihar in February 2004 with a view to Develop Human Resource for IWT sector. Total 2348 trainees were trained during 2023-24.

(i) NINI is imparting training in the following disciplines: -

- Induction Training of Inland Vessel G.P. Rating.
- Preparatory Course for Serang.
- Preparatory Course for 2nd Class Master.
- Preparatory Course for 1st Class Master
- Preparatory Course for 2nd Class Engine Driver
- Preparatory Course for 1st Class Engine Driver
- Preparatory Course for Inland Vessel Engineer
- Inland Maneuvering Simulator Course.
- Personal Safety & Social responsibility for Inland Vessel
- Personal Survival Technique for Inland Vessel
- Fire Prevention & Fire Fighting for Inland Vessel
- Elementary First Aid for Inland Vessel
- Security Course for Inland Vessel Personnel

(ii) Affiliations and Associations:

- ISO 9001:2015 certificate by ABS Quality Evaluations renewed.
- ISO 21001:2018 certificate by AMR for Education and Training Services in Inland Water Transport and Maritime Sector
- NINI conducts the CoC (Certificate of Competency) exams in NINI Campus on behalf of Transport Department Govt. of Bihar.
- MoU signed between IWAI with Indian Maritime University (IMU) for establishing a frame work for academic and research, co-operation in the area so mutual interest.
- Subscription to the digital plat form of e-Granthalaya software for updating library books.

iii) During the year 2024-25, Courses Conducted and Trainees Trained (01.04.2024 to 31.03.2025) are detailed hereunder:

S.N	Courses Conducted	Trainees trained
1	General Purpose Rating (Induction)	44
2	Preparatory Courses (Master, Driver and IV Engineer)	146
3	Conversion Course for Inland Vessel General Purpose (GP) Rating	239
4	Basic Safety Courses	807
5	Training of Master Trainer for “Safe Swim Program”.	153
6	Other Courses	308
Total		1697

Table 2.1

Cargo Movement on Waterways

Details of Waterways	Distance (Kms)	Cargo Moved (Million Tonnes)			TonneKms (In Million)		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
2	3	4	5	6	7	8	9
NW-1 (Ganga-Bhagirathi-Hooghly River System (Haldia-Allahabad))	1620.00	13.17	12.82	16.38	1,870.40	1,655.43	1,674.79
NW-2 (Brahmaputra River (Dhubri-Sadiya))	891.00	0.63	0.59	0.90	10.67	15.16	14.33
NW-3 (West Coast Canal)	205.00	3.23	3.29	3.49	21.32	19.49	18.10
NW-4 (Krishna Godavari River Systems)	2890.00	8.42	4.30	10.40	29.52	19.07	14.16
NW-5 (East Coast Canal And Matai River/Brahmani-Kharsua-Dhamra Rivers/Mahanadi Delta Rivers)	233.00	0.40	0.64	0.38		9.51	5.82
NW-8 (Alappuzha-Changanassery Canal)	29.30	0.03	0.04	0.04		0.58	0.49
NW-9 (Alappuzha-Kottayam Athirampuzha Canal)	40.20	0.02	0.02	0.03		0.48	0.53
NW-14 (Baitarni River)	48.48	0.00	0.00			0.01	
NW-16 (Barak River)	121.00	0.01	0.00	0.18		0.00	0.05
NW-23 (Budha Balanga)	55.90	0.03	0.02	0.02		0.12	0.07
NW-31 (Dhansiri/Chathe)	113.75	0.00	0.01	0.00		5.70	1.86
NW-44 (Ichamati River)	63.00	0.46	0.48	0.49		36.21	35.33
NW-48 (Jawai-Luni-Rann Of Kutch River)		0.00	0.00	2.40			0.02
NW-53 (Kalyan-Thane-Mumbai Waterway, Vasai Creek And Ulhas River)		0.00	0.00	2.70			65.18
NW-64 (Mahanadi River)	98.00	0.45	0.67	0.40		9.40	5.93
NW-86 (Rupnarayan River)	72.00	0.09	0.10	0.14		5.48	4.43
NW-94 (Sone River)	141.00	0.00	1.16	0.97		27.34	21.64
NW-97 (Sunderbans Waterway)	172.00	5.47	5.19	5.98	920.23	1,308.93	1,313.01
Sub Total NWS		32.41	29.34	44.91	2852.14	3112.90	3175.74
NW-68 (Mandovi River)	41.00	0.00	2.42	2.84	0.00	104.58	93.23
NW-111 (Zuari River)	50.00	0.00	1.10	1.32	0.00	58.09	65.41
Goa Waterways Total	91.00	2.93	3.52	4.16	158.75	162.67	158.64
NW-10 (Amba River)	44.97	0.00	30.17	29.69		593.41	564.39
NW-83 (Rajpuri Creek)	31.00	0.00	0.45	0.27		1.88	1.11
NW-85 (Revadanda Creek-Kundalika River System)	31.00	0.00	0.99	0.82		0.02	0.63
NW-91 (Shastri River - Jaigad Creek System)	48.00	0.00	37.05	32.64		313.98	254.90
Maharashtra Waterways Total	154.97	63.15	68.66	63.41	817.80	909.28	821.03
NW-73 (Narmada River)	226.00	0.00	0.06	0.06		0.38	0.37
NW-100 (Tapi River)	436.00	0.00	31.46	33.31		356.29	376.28
Gujarat Waterways Total		27.66	31.51	33.36	316.38	356.67	376.65
Grand Total	1153.94	126.15	133.03	145.84	4,145.07	4,541.53	4,532.06

Source: Inland Waterways Authority of India (IWAI)

Table 2.2

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
A. VIVADA IWL				
1	Haldia-Kolkata	105	1,61,000.00	FO & HSD
2	Haldia-Kolkata	105	80,000.00	LUBE/HSD
Sub Total (A)			241000.00	
B. ICSL(Inland & Coastal Shipping Limited)				
1	MMT Varanasi - Gaighat (Patna)	353.00		
2	IWT Terminal Gaighat-Kolkata	815.00		
3	Kolkata-IWT Terminal Gaighat	815.00	154.90	Edible oil
4	Kolkata to IWT Terminal Gaighat, Patna	815.00	1,000.00	Gypsum
5	IWT Terminal Gaighat, Patna to Pandu, Guwhati			
6	G.R. Jetty-2, Kolkata - Varanasi	1178.00		
7	G.R. Jetty-2, Kolkata - Pandu	1354	1,512.00	Cement in Bags
8	K.P Docks - Varanasi	1171	200.00	Coal
9	Haldia Dock Complex - Patna	920	1,000.04	Gypsum
10	Haldia Dock Complex - Patna	920	150.00	Edible oil
11	Varanasi to Kolkata	1168	119.88	Fertilizer
12	Kolkata to Varanasi	1168	201.70	Coal
Sub Total (B)			4338.52	
C. OTHER PRIVATE OPERATORS				
1 M/s PSP Project Pvt. Ltd.				
1	MMT Varanasi to Lalita Ghat, Varanasi	7.5		
2 TIRUPATI VESSEL (P) LTD.				
1	Budge- Budge(Kol)- Khulna	497	6,034.00	Fly Ash
2	Budge- Budge Narayanganj	884	2,45,580.00	Fly Ash
3	IWAI Haldia Jetty-Khulna	439	784.00	Fly Ash
4	IWAI Haldia Jetty-Narayanganj	826	27,902.00	Fly Ash
5	IWAI Haldia Jetty-Pangaon	842	19,694.00	Fly Ash
6	IWAI BTPS Jetty-2-Narayanganj	964	42,300.00	Fly Ash
7	IWAI BTPS Jetty-2-Pangaon	980	20,332.00	Fly Ash
8	IWAI BTPS Jetty-2-Khulna	577	8,754.00	Fly Ash
3 M/s J.M. Baxi Heavy Pvt. Ltd., Kolkata				
1	Kolkata to Buxar	984		
4 M/s Total Movements Pvt. Ltd., Kolkata				
1	Kolkata to Simaria	713		
2	Samdaghat (Sahebganj) to Manihari			
3	Kolkata to Mokama	713	362.70	Stator wounded
5 M/s Deurgo Projects (India) Pvt. Ltd. Mumbai				
1	Diamond Harbour to Semaria, Barauni (Bihar)	713		
6 M/s Prism Logistics Pvt. Ltd., Kolkata				
1	Kolkata to Buxar	984		
7 Rivering Shipping & Logistics				
1	IWAI Haldia Jetty-Khulna	439	1,998.00	Fly Ash
2	IWAI Haldia Jetty-Pangaon	842	1,65,026.00	Fly Ash

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
3	Budge- Budge (Kol)- Khulna	497	28,919.00	Fly Ash
4	Budge Budge-Naryanganj	884	97,803.00	Fly Ash
5	TT Shed-Narayanganj	910	19,440.00	Fly Ash
6	IWAI Haldia Jetty-Narayanganj	826	221193	Fly Ash
7	IWAI BISN Jetty-Khulna	522		
8	IWAI BISN Jetty-Narayanganj	909	3,794.00	Fly Ash
9	GR Jetty II- Khulna	522		
10	HDC Fly Ash Jetty Haldia-Narayanganj	826	9,882.00	Fly Ash
11	GR Jetty II- Narayanganj	909	91,379.94	Fly Ash, Sponge Iron
12	GR Jetty II - Mongla	509	2,503.00	Fly Ash
13	IWAI BTPS Jetty-2 - Narayanganj	964	76,936.00	Fly Ash
14	IWAI BTPS-Mongla	564	3,315.00	Fly Ash
15	HDC Fly Ash Jetty, Haldia - Pangaon	842	3,152.00	Fly Ash
16	IWAI BTPS Jetty-2, Tribeni - Khulna	577	2,947.00	Fly Ash
17	T.T. Shed - Khulna	523	2,833.00	Fly Ash
18	T.T. Shed - Pangaon	926	42,453.00	Fly Ash
19	HDC, Haldia - Mongla	426		
20	K P Dock- Mongla	510		
21	K P Dock- Khulna	523		
22	K P Dock- Narayanganj	910	9,090.08	Sponge Iron Lumps & Indian Coal
23	N. S. Dock, Kolkata - Mongla	510		
24	N. S. Dock, Kolkata -Khulna	523		
25	NSD - Narayanganj			
26	IWAI Haldia Jetty-Pangaon	842		
27	Budge Budge - Pangaon	900	11,640.00	Fly Ash
28	GR Jetty II - Pangaon	925	2,00,185.00	Fly Ash
29	IWAI BTPS Jetty-2 - Pangaon	980	1,61,918.00	Fly Ash
8	KANISHKA SHIPPING LINES			
1	Budge Budge-Narayanganj	884	15,988.00	Fly Ash
2	IWAI Haldia Jetty - Pangaon	842	9,141.00	Fly Ash
3	T.T.Shed-Narayanganj	910	1,150.00	Fly Ash
4	IWAI BISN Jetty-Khulna	522	2,899.00	Fly Ash
5	IWAI BISN Jetty-Narayanganj	895/909	2,774.00	Fly Ash
6	IWAI Haldia Jetty-Khulna	439	49,998.00	Fly Ash
7	IWAI Haldia Jetty - Narayanganj	826	33,723.00	Fly Ash
8	IWAI BTPS-Khulna	577	45,672.00	Fly Ash
9	HDC Fly Ash Jetty-Narayanganj	826		
10	T. T.Shed-Khulna	523	2,407.00	Fly Ash
11	KPD-Mongla	510		
12	Budge Budge-Khulna	497	4,324.00	Fly Ash

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
13	GR Jetty 2- Narayanganj	909	26679.94	Fly Ash, Rapeseed Extraction
14	GR Jetty II- Khulna	522	2,846.00	Fly Ash
15	KPD- Narayanganj	910	652.40	Indian Coal
16	KPD-Khulna	523		
17	IWAI BTPS-Narayanganj	964	33,578.00	Fly Ash
18	Budge Budge-Pangaon	900	3,639.00	Fly Ash
19	GR Jetty 2- Pangaon	925		
20	HDC Fly Ash Jetty-Pangaon	842		
21	IWAI BISN Jetty-Pangaon	925		
22	IWAI BTPS--Pangaon	980	21,642.00	Fly Ash
23	KPD, Kolkata - Pangaon	923		
24	T.T. Shed - Pangaon	926		
25	HDC - Ashuganj	954		
26	IWAI BTPS Jetty - Mongla	510		
9	C. Day & Brothers			
1	Budge Budge-Narayanganj	884	49,376.00	Fly Ash
2	IWAI BISN Jetty-Narayanganj	909	2,561.00	Fly Ash
3	IWAI Haldia Jetty-Narayanganj	826	1,39,359.00	Fly Ash
4	T.T.Shed-Narayanganj	910	5,277.00	Fly Ash
5	HDC Fly Ash Jetty-Narayanganj	826	1,003.00	Fly Ash
6	GR Jetty II- Narayanganj	909	9,533.00	Fly Ash
7	GR Jetty II- Khulna	522		
8	KPD, Kolkata - Narayanganj	910	2,534.18	Indian Coal, sponge Iron
9	KPD, Kolkata - Mongla	510		
10	Haldia Dock Complex, Haldia - Narayanganj	826	1,940.00	Fly Ash
11	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964	13,962.00	Fly Ash
12	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	36,196.00	Fly Ash
13	IWAI Haldia Jetty-Pangaon	842	61,300.00	Fly Ash
14	Mongla, Bangladesh - N.S. Dock, Kolkata	510		
15	Mongla, Bangladesh - N.S. Dock, Kolkata	510		
16	Budge Budge - Khulna	497	2,502.00	Fly Ash
17	Budge Budge - Pangaon	900	16,073.00	Fly Ash
18	G.R. Jetty-2, Kolkata - Pangaon	925	11,107.00	Fly Ash
19	T.T. Shed - Khulna	523	881.00	Fly Ash
10	Neli			
1	IWAI Haldia Jetty-Narayanganj	826	8,936.00	Fly Ash
2	IWAI BISN Jetty-Narayanganj	909	23,752.00	Fly Ash
3	T.T. Shed - Narayanganj	910	18,726.00	Fly Ash
4	GR Jetty II- Narayanganj	909		
5	IWAI BISN Jetty-Pangaon	925	3,121.00	Fly Ash
6	IWAI Haldia Jetty-Pangaon	842	1,796.00	Fly Ash
7	T.T. Shed - Pangaon	926	6,403.00	Fly Ash

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
11	Ajbela Navigation			
1	T.T.Shed-Narayanganj	910	8,124.00	Fly Ash
2	T.T.Shed-Khulna	523		
3	HDC Fly Ash Jetty-Narayanganj	826	3,511.00	Fly Ash
4	Budge Budge-Narayanganj	884	34,594.00	Fly Ash
5	Budge Budge-Khulna	497	22,687.00	Fly Ash
6	Budge Budge-Pangaon	900	3,756.00	Fly Ash
7	IWAI Haldia Jetty-Mongla	426		
8	IWAI Haldia Jetty-Khulna	439		
9	IWAI Haldia Jetty-Narayanganj	836/826	88,673.00	Fly Ash
10	IWAI BISN Jetty - Narayanganj	909	23,634.00	Fly Ash
11	IWAI Haldia Jetty-Pangaon	842	1,21,393.00	Fly Ash
12	GR Jetty II - Narayanganj	909	2,162.00	Fly Ash
13	GR Jetty II - Mongla	509	3,368.09	Rapeseed Extraction & Soyabean Extraction
14	HDC Fly Ash Jetty-Khulna	439		
15	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964	14,227.00	Fly Ash
16	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	15,810.00	Fly Ash
17	KPD, Kolkata - Narayanganj	910	1,082.79	Indian Coal
18	KPD, Kolkata - Mongla	510		
19	GR Jetty II - Pangaon	925	35,208.00	Fly Ash
20	HDC Fly Ash Jetty-Pangaon	842	600.00	Fly Ash
21	Kolkata, Sagardighi (STPS) IWAI Jetty - Pangaon	1260		
22	GR Jetty II - Narayanganj	909	2,191.60	Sponge Iron, Sponge Iron Lumps
23	GR Jetty II - Mongla	509		
24	GR Jetty II - Khulna	522		
25	HDC Fly Ash Jetty-Khulna	439		
26	GR Jetty II - Pangaon	925		
27	IWAI BISN Jetty - Khulna	522		
28	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
29	KPD, Kolkata - Narayanganj	910	1,102.30	Yellow Peas
30	KPD, Kolkata - Mongla	510	700.79	Red Lentils
31	KPD, Kolkata - Pangaon	923		
32	Haldia Dock Complex - Mongla	426		
33	Haldia Dock Complex - Narayanganj	826		
34	HDC Fly Ash Jetty-Pangaon	842		
35	Putimary Jetty - Mongla	894		
36	KPD, Kolkata - Narayanganj	910	9,164.33	Sponge Iron Lumps & Sponge Iron
37	GR Jetty II - Narayanganj	909	1,298.22	Prime Hot Rolled Non Alloy Steel Wire Rod
38	IWAI BTPS Jetty-2, Tribeni - Mongla	564	1,200.00	Fly Ash
39	T.T. Shed - Pangaon	926	2,831.00	Fly Ash
12	J.D.Shipping			
1	Budge Budge-Narayanganj	884	1,36,928.00	Fly Ash
2	IWAI Haldia Jetty - Narayanganj	826	38,949.00	Fly Ash
3	KP Dock - Narayanganj	910	2,729.89	Sponge Iron

Table 2.2
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Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
4	KP Dock - Khulna	523		
5	T.T. Shed - Narayanganj	910	1,649.00	Fly Ash
6	HDC Fly Ash Jetty-Narayanganj	826	36,793.00	Fly Ash
7	G.R. Jetty II - Narayanganj	909	7,357.00	Fly Ash
8	Budge Budge-Khulna	497	21,008.00	Fly Ash
9	HDC Fly Ash Jetty-Khulna	439		
10	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964	14,692.00	Fly Ash
11	Budge Budge-Pangaon	900	10,986.00	Fly Ash
12	HDC Fly Ash Jetty- Pangaon	842	7,906.00	Fly Ash
13	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	19,199.00	Fly Ash
14	IWAI Haldia Jetty - Pangaon	842	16,904.00	Fly Ash
15	Mongla - NSD	510		
16	Mongla - T. T. Shed	510		
17	G.R. Jetty-2, Kolkata - Pangaon	909	5,512.00	Fly Ash
18	Khulna - NSD Dock, India	521	525.81	Loaded With Crane and Other Equipments
19	T.T. Shed - Pangaon	926	1,232.00	Fly Ash
13	Safehand Logistics			
1	Budge Budge - Narayanganj	884	30,161.00	Fly Ash
2	IWAI Haldia Jetty - Narayanganj	826	15,005.00	Fly Ash
3	IWAI Haldia Jetty -Khulna	439	4,235.00	Fly Ash
4	Budge Budge - Khulna	497	6,453.00	Fly Ash
5	GR Jetty-2-Khulna	522	2,032.00	Fly Ash
6	IWAI BISN Jetty - Khulna	522	1,087.00	Fly Ash
7	HDC Fly Ash Jetty, Haldia - Khulna	439		
8	IWAI BTPS Jetty, Tribeni - Khulna	577	810.00	Fly Ash
9	IWAI BTPS Jetty, Tribeni - Narayanganj	964	25,232.00	Fly Ash
10	T. T. Shed - Khulna	523		
11	Budge Budge - Mongla	484	2,440.00	Fly Ash
12	Budge Budge - Pangaon	900	7,143.00	Fly Ash
13	IWAI BISN Jetty - Narayanganj	909	855.00	Fly Ash
14	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	24,210.00	Fly Ash
15	IWAI Haldia Jetty - Mongla	426	4,457.00	Fly Ash
16	IWAI Haldia Jetty - Pangaon	842	10,821.00	Fly Ash
14	Shun Shing India Private Ltd.			
1	Budge Budge - Narayanganj	884	6,190.00	Fly Ash
2	Budge Budge - khulna	497	53,202.00	Fly Ash
15	K K Shipping			
1	T.T. Shed - Narayanganj	910	26,351.00	Fly Ash
2	Budge Budge - Narayanganj			
3	IWAI Haldia Jetty - Narayanganj	826	15,860.00	Fly Ash
4	IWAI BISN Jetty - Narayanganj	909	23,326.00	Fly Ash
5	Sri Ram Jetty-Narayanganj			
6	IWAI BISN Jetty- Khulna	522	7,568.00	Fly Ash

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
7	T.T.Shed-Khulna	523	8,172.00	Fly Ash
8	IWAI Haldia Jetty - Khulna	439	19,097.00	Fly Ash
9	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
10	IWAI Haldia Jetty - Pangaon	842	16,332.00	Fly Ash
11	T.T.Shed-Pangaon	926	7,182.00	Fly Ash
12	G.R. Jetty II - Narayanganj	909		
13	T.T.Shed-Pangaon	926		
14	IWAI BISN Jetty- Pangaon	925	11,219.00	Fly Ash
15	IWAI Haldia Jetty - Pangaon	842		
16	Tetron Merchandise			
1	Budge Budge - Khulna	497		
2	IWAI BTPS Jetty-2, Tribeni - Khulna	577		
3	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
4	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	3,489.00	Fly Ash
5	Budge Budge - Pangaon	900	975.00	Fly Ash
6	IWAI Haldia Jetty - Narayanganj	826	2,024.00	Fly Ash
7	IWAI Haldia Jetty - Pangaon	842	8,118.00	Fly Ash
17	M/s. Spring Professional Services Pvt. Ltd.			
1	Sahibganj to Haldia	583		
18	Rain Maker			
1	IWAI Haldia Jetty- Narayanganj	826	45,482.00	Fly Ash
2	Budge Budge- Narayanganj	884	18,896.00	Fly Ash
3	G.R.Jetty 2- Narayanganj	909	13,467.00	Fly Ash
4	IWAI BISN Jetty- Narayanganj	909	850.00	Fly Ash
5	Budge Budge- Khulna	497	4,238.00	Fly Ash
6	T.T. Shed - Khulna	523		
7	HDC Fly Ash Jetty- Narayanganj	826	2,129.00	Fly Ash
8	T.T. Shed - Narayanganj	910	1,100.00	Fly Ash
9	GR Jetty2- Khulna	522		
10	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964	11,091.00	Fly Ash
11	KPD Kolkata- Narayanganj	910		
12	Budge Budge - Pangaon	900	36,916.00	Fly Ash
13	HDC Fly Ash Jetty, Haldia - Pangaon	861		
14	IWAI BISN Jetty - Pangaon	925	1,039.00	Fly Ash
15	IWAI BTPS Jetty-2 - Pangaon	977	75,121.00	Fly Ash
16	IWAI Haldia Jetty, Haldia - Pangaon	861	2,00,601.00	Fly Ash
17	KPD Kolkata- Khulna	523		
18	KPD, Kolkata - Pangaon	923		
19	Mongla-KPD Kolkata	510		
20	NSD, Kolkata - Narayanganj	910		
21	T.T. Shed - Pangaon	926	10,022.00	Fly Ash
22	GR Jetty2 - Pangaon	925	11,692.00	Fly Ash
23	IWAI BISN Jetty- Mongla	510		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
24	M/s. Vinayak Shipping*			
25	Budge Budge- Narayanganj	884		
26	Budge Budge - Khulna	497		
27	IWAI Haldia Jetty-Narayanganj	826		
28	IWAI Haldia Jetty - Khulna	439	842.00	Fly Ash
29	G.R. Jetty-2 - Narayanganj	909		
30	GR Jetty2- Khulna	522		
31	IWAI BTPS Jetty-2, Tribeni - Khulna	577		
32	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
33	HDC Fly Ash Jetty- Narayanganj	826	27,087.00	Fly Ash
34	Haldia Dock Complex - Pangaon	842	1,780.00	Fly Ash
19	Assetment Marine & Traders Pvt. Ltd.			
1	IWAI Haldia Jetty- Narayanganj	826	5,464.00	Fly Ash
2	IWAI BISN Jetty - Narayanganj	909	5,091.00	Fly Ash
3	T.T. Shed - Narayanganj	910	3,456.00	Fly Ash
4	HDC, Haldia - Narayanganj	826		
5	G.R. Jetty-2- Narayanganj	909		
6	KPD Kolkata-Ashuganj	1038		
7	IWAI BTPS Jetty-2 - Khulna	577		
8	IWAI BTPS Jetty-2 - Narayanganj	964		
9	KPD Kolkata-Narayanganj	910		
20	M/s. Fortune Transport			
1	Budge Budge- Narayanganj	884	17,070.00	Fly Ash
2	G.R. Jetty-2- Narayanganj	909	3,606.12	Fly Ash
3	IWAI Haldia Jetty - Narayanganj	826	5,358.00	Fly Ash
4	Budge Budge-Khulna	497	750.00	Fly Ash
5	HDC Fly Ash Jetty, Haldia-Narayanganj	826	7,903.00	Fly Ash
21	M/s. IA3 Enterprise			
1	Budge Budge-Narayanganj	884	47,760.00	Fly Ash
2	G.R. Jetty-2-Narayanganj	909	12,131.23	Hard Coke, SoyabeanExtraction, Rapseed Extration, Sponge Iron
3	HDC Fly Ash Jetty, Haldia-Narayanganj	826		
4	IWAI BISN Jetty-Narayanganj	909	1,306.00	Fly Ash
5	IWAI Haldia Jetty-Narayanganj	826	32,179.00	Fly Ash
6	T.T. Shed-Narayanganj	910		
7	HDC Fly Ash Jetty, Haldia-Narayanganj	826	725.00	Fly Ash
8	KPD Kolkatta-Mongla	510	1,232.40	Soyabean Extraction
9	KPD Kolkata-Narayanganj	910	29,268.40	Steam Coal, Rapseed Extration,Hard Coke, Cooking Coal, Sponge Iron
10	Budge Budge - Khulna	497		
11	G.R. Jetty-2-Khulna	522		
12	G.R. Jetty-2-Mongla	509	2,533.63	Hard Coke, Rapseed Extraction
13	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
14	T.T. Shed-Khulna	523		
15	Budge Budge-Pangaon	900		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
16	G.R. Jetty-2-Pangaon	925	1,376.00	Fly Ash
17	Haldia Dock Complex, Haldia - Ashuganj	954		
18	Haldia Dock Complex, Haldia - Mongla	426	1,062.33	White Sugar & Mechanical Equipments
19	Haldia Dock Complex, Haldia - Narayanganj	826	449.62	Ductile Iron Pipes
20	IWAI BTPS Jetty, Tribeni-Narayanganj	964	520.00	Fly Ash
21	IWAI BTPS Jetty, Tribeni-Pangaon	980	1,374.00	Fly Ash
22	IWAI Haldia Jetty-Khulna	439		
23	IWAI Haldia Jetty-Mongla	426		
24	IWAI Haldia Jetty-Pangaon	842	6,288.00	Fly Ash
25	Mongla, Bangladesh - T. T. Shed	510		
26	N. S. Dock - Narayanganj	910		
27	Budge Budge - Pangaon		4,382.00	Fly Ash
28	Haldia Dock Complex, Haldia - Khulna	439	123.68	Mechanical Equipement
29	IWAI BTPS Jetty-2, Tribeni - Khulna	577	522.00	Fly Ash
22	M/s. Intel International Logistics			
1	BTPS Jetty, Tribeni-Khulna	577	1,464.00	Fly Ash
2	G.R. Jetty-2-Khulna	522		
3	Budge Budge - Khulna	497	8,415.00	Fly Ash
4	KPD Kolkata-Khulna	523		
5	KPD Kolkata-Mongla	510		
6	KPD Kolkata-Narayanganj	910	2,594.07	Rapseed Extration
7	G.R. Jetty-2-Mongla	509		
8	Budge Budge-Narayanganj	884	60,943.00	Fly Ash
9	Budge Budge-Mongla	484		
10	BTPS Jetty, Tribeni-Narayanganj	964	74,656.00	Fly Ash
11	IWAI BISP Jetty- Narayanganj	909	1,154.00	Fly Ash
12	IWAI Haldia Jetty-Narayanganj	826	1,30,485.00	Fly Ash
13	HDC Fly Ash Jetty, Haldia-Narayanganj	826	1,727.00	Fly Ash
14	T.T. Shed-Narayanganj	910	3,352.00	Fly Ash
15	HDC Haldia-Narayanganj	826	1,870.00	Fly Ash
16	T.T. Shed - Khulna	523		
17	G.R. Jetty-2 - Narayanganj	910	51,268.00	Fly Ash
18	Budge Budge - Pangaon	900	12,293.00	Fly Ash
19	G.R. Jetty-2 - Pangaon	925	17,927.00	Fly Ash
20	BTPS Jetty, Tribeni - Pangaon	980	30,053.00	Fly Ash
21	IWAI Haldia Jetty - Pangaon	842	44,603.00	Fly Ash
22	Mongla, Bangladesh - NSD, Kolkata	508		
23	Mongla, Bangladesh - KPD, Kolkata	510		
24	HDC Fly Ash Jetty, Haldia - Pangaon	842	1,759.00	Fly Ash
25	IWAI Haldia Jetty - Khulna	439	1,060.00	Fly Ash
23	M/s. Ishan Enterprise			
1	Budge Budge-Narayanganj	884		
2	G.R. Jetty-2-Narayanganj	909		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
3	IWAI BISHN Jetty-Narayanganj	909		
4	IWAI Haldia Jetty-Narayanganj	826		
5	Budge Budge-Khulna	497		
6	IWAI Haldia Jetty-Khulna	439		
7	BTPS Jetty, Tribeni - Narayanganj	964		
24	M/s. Tidal Marine Services			
1	Budge Budge - Khulna	497		
2	Budge Budge-Narayanganj	884		
3	IWAI Haldia Jetty-Narayanganj	826		
4	BTPS Jetty, Tribeni-Narayanganj	964		
25	Inflow Waterways			
1	Budge Budge - Khulna	497		
2	Budge Budge - Narayanganj	884		
3	G.R. Jetty-2 - Khulna	522		
4	G.R. Jetty-2 - Narayanganj	909		
5	HDC Fly Ash Jetty, Haldia - Narayanganj	826		
6	IWAI Haldia Jetty - Narayanganj	826		
7	T.T. Shed - Narayanganj	910		
8	KPD Kolkata-Khulna	523		
9	KPD Kolkata-Mongla	510		
10	KPD Kolkata-Narayanganj	910		
11	Mongla, Bangladesh - N. S. Dock, Kolkata	510		
12	Budge Budge - Mongla	484		
13	Budge Budge - Pangaon	900		
14	G.R. Jetty-2 - Pangaon	925		
15	HDC Fly Ash Jetty, Haldia - Pangaon	861		
16	Mongla-KPD Kolkata	510		
17	Mongla-N. S. Dock, Kolkata	510		
26	Pacific Navigation Co.			
1	IWAI BTPS Jetty-2, Tribeni - Khulna	577	33,705.00	Fly Ash
2	G.R. Jetty-2 - Narayanganj	909		
3	IWAI BTPS Jetty-2, Tribeni - Pangaon	980		
4	IWAI Haldia Jetty - Narayanganj	826		
27	M/s. Everett (India) Pvt. Ltd.			
1	KPD Kolkata-Narayanganj	910		
2	HDC Haldia-Mongla	426		
3	HDC Haldia-Narayanganj	826		
4	IWAI BTPS Jetty-2, Tribeni - Narayanganj	964		
5	KPD, Kolkata - Pangaon	923		
6	Mongla - KPD Kolkata	510		
28	M/s. Jak Maritime & Logistics			
1	KPD Kolkata-Mongla	510		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
29	M/s. Roadwings International Pvt. Ltd.			
1	G.R. Jetty-2 - Narayanganj	909		
30	ABC India Limited (Bharat Heavy Electricals Ltd.)			
1	Kolaghat - Mongla	490		
2	Kolkata - Numaligarh Refinery Jetty, Assam	1883		
3	Diamond Harbour - Numaligarh Refinery Jetty, Assam	1803	1,768.73	ODC: Coke Drums, VACCUM TOWER,Main HC Flare Knock out Drum
31	Bollore Logistics India Limited			
1	Kolkata - Mongla	510		
32	M/s. One Shipping Agency			
1	Kolkata - Mongla	510		
2	Budge Budge - Khulna	497		
3	Budge Budge - Narayanganj	884		
4	G.R. Jetty-2 - Khulna	522		
5	G.R. Jetty-2 - Narayanganj	909		
6	G.R. Jetty-2 - Pangaon	925		
7	IWAI Haldia Jetty - Pangaon	842		
33	Delta Logistics			
1	Budge Budge - Narayanganj	884	13,867.00	Fly Ash
2	G.R. Jetty-2 - Narayanganj	909	2,511.00	Fly Ash
3	IWAI BTPS Jetty-2, Tribeni -Narayanganj	964	7,780.00	Fly Ash
4	IWAI Haldia Jetty - Narayanganj	826	10,883.00	Fly Ash
5	Budge Budge - Khulna			
6	HDC Fly Ash Jetty, Haldia - Narayanganj	826	1,060.00	Fly Ash
7	IWAI BTPS Jetty-2, Tribeni - Pangaon	980	4,592.00	Fly Ash
8	IWAI Haldia Jetty - Pangaon	842	2,314.00	Fly Ash
9	T.T. Shed - Narayanganj	910	3,877.00	Fly Ash
10	T.T. Shed - Pangaon	926	2,917.00	Fly Ash
34	Hindol Shipping			
1	Budge Budge - Narayanganj	884	43,910.00	Fly Ash
2	Budge Budge - Khulna	497	1,324.00	Fly Ash
3	Budge Budge - Pangaon	900	2,236.00	Fly Ash
4	G.R. Jetty-2 - Pangaon	925	5,124.00	Fly Ash
5	HDC Fly Ash Jetty, Haldia - Narayanganj	826	4,361.00	Fly Ash
6	HDC Fly Ash Jetty, Haldia - Pangaon	861	11,673.00	Fly Ash
7	IWAI Haldia Jetty - Pangaon	842		
8	G.R. Jetty-2 - Narayanganj	909	15,949.00	Fly Ash
9	IWAI BTPS Jetty - Pangaon	925	1,270.00	Fly Ash
10	IWAI Haldia Jetty - Narayanganj	826	1,062.00	Fly Ash
11	T.T. Shed - Narayanganj	910	1,860.00	Fly Ash
35	Meghnaditya Waterways Pvt. Ltd.			
1	Budge Budge - Narayanganj	884		
2	HDC Haldia-Ashuganj	954		
3	IWAI BTPS Jetty-2, Tribeni -Narayanganj	964		
4	IWAI Haldia Jetty - Narayanganj	826		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
36	One Shipping Agency			
1	Budge Budge - Khulna	497		
2	Budge Budge - Narayanganj	884		
3	G.R. Jetty-2 - Narayanganj	909		
4	IWAI Haldia Jetty - Narayanganj	826		
5	Mongla - KPD Kolkata	510		
37	Pacific Navigation			
1	BTPS Jetty, Tribeni-Khulna	577		
2	IWAI BTPS Jetty-2, Tribeni -Narayanganj	964		
38	Sealine Shipping & Logistics			
1	Budge Budge - Khulna	497	6,106.00	Fly Ash
2	Budge Budge - Narayanganj	884		
3	G.R. Jetty-2 - Khulna	522		
4	G.R. Jetty-2-Mongla	509		
5	G.R. Jetty-2 - Narayanganj	909		
39	M/s. Bharat Heavy Electricals Limited (BHEL).			
1	Kolkata - Mongla	510		
40	M/s. Deugro Projects (India) Pvt. Ltd.			
1	Kolkata - Kahalgaon	550		
2	Kolkata - Mirzapur, UP	1258		
3	Diamond Harbour - Kahalgaon	626		
4	Diamond Harbour - Semaria	789		
41	M/s. J. M. Baxi Heavy Pvt. Ltd., Kolkata			
1	Budge Budge - Buxar	1009		
42	M/s. Total Movements Private Limited, Kolkata			
1	Kolkata - Semaria	713		
2	NSD Dock - Numaligarh Refinery Jetty, Assam	1876		
43	M/s. Prism Logistics Pvt. Ltd.			
1	Kolkata - Buxar	984		
44	Eastern Navigation Pvt. Ltd.			
1	Haldia Oil Jetty-1 - Kolaghat	77		
45	M/s. Nivriya India Pvt. Ltd.			
1	Puthimai Jetty - BTPS, Tribeni	331.5		
46	M/s. Lotus Shipping			
1	IWAI BSN Jetty - Narayanganj	909	8,513.00	Fly Ash
2	IWAI Haldia Jetty - Khulna	439		
3	IWAI Haldia Jetty - Narayanganj	826		
4	T.T. Shed - Khulna	523	1,179.00	Fly Ash
5	T.T. Shed - Narayanganj	910	9,519.00	Fly Ash
6	Budge Budge - Narayanganj	884	780.00	Fly Ash
7	IWAI BSN Jetty - Khulna	522	1,460.00	Fly Ash
8	T.T. Shed - Mongla	510	1,490.00	Fly Ash

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
9	T.T. Shed - Pangaon	926	5,912.00	Fly Ash
47	M/s. L & T GeoStructure Private Limited			
1	Kalyani, Tribeni (Bandel) - Pandu, Assam	1627		
48	M/s CJ Darcl Logistics Limited			
1	Mongla, Bangladesh - NSD Dock, India	509		
49	M/s Prism Logistics Pvt. Ltd., Kolkata			
1	Kolkata to Simaria	713		
50	M/s. ISSGF India Pvt. Limited			
1	Diamond Harbour - Numaligarh Refinery Jetty, Assam	1803	559.81	Heat Pump Compressor Suction Drum, Main Fractionator Reflux Drum,
	Sub Total (C)		45,74,806.08	
D	KOPT			
1	Sagar- KPD	146	1309000	Pulses, Manganese Ore, Other Coal/Coke, Containers Tonnage (TEUs-2470), Butane, Propane, Fertiliser, Coking Coal, Rock Phosphat, Lime stone & Others / Misc & POL(Product)
2	Diamond Harbour - KPD	78	1595000	Pulses, Sulpher, Manganese Ore, Other Coal/Coke, Pet Coke, Met Coke, Containers Tonnage, Butane, Propane, Fertiliser, Coking Coal, Rock Phosphate, Calcite Chips, Lime stone,Others / Misc, POL(Product)
3	Kolkata Dock System - Diamond Harbour	78	10000	Containers & Iron & Steel
4	Kolkata Dock System - Sagar	146	44000	Containers & Rice & Wheat
	Sub Total (D)		29,58,000.00	
E	Traffic from River Sone to NW-1			
1	D/s Koelwar (NW-94) to Rahariya Ghat, Doriganj (NW-1)	23	1,29,980.00	Yellow Sand
2	D/s Koelwar (NW-94) to Mahua Ghat, Doriganj (NW-1)	22	1,01,810.00	Yellow Sand
3	D/s Koelwar (NW-94) to Masan Ghat, Doriganj (NW-1)	21	1,43,150.00	Yellow Sand
4	D/s Koelwar (NW-94) to Doriganj Ghat (NW-1)	20	1,47,050.00	Yellow Sand
5	D/s Koelwar (NW-94) to Maliya Ghat, Doriganj (NW-1)	19	1,30,380.00	Yellow Sand
6	D/s Koelwar (NW-94) to Tiwari Ghat, Doriganj (NW-1)	18	1,68,400.00	Yellow Sand
7	D/s Koelwar (NW-94) to Pahleza (NW-1)	38	24,240.00	Yellow Sand
8	D/s Koelwar (NW-94) to Sabalpur (NW-1)	41	22,220.00	Yellow Sand
9	D/s Koelwar to Mahua Diyara	20	22,980.00	Yellow Sand
10	D/s Koelwar to Langar Tola	19.4	31,200.00	Yellow Sand
11	D/s Koelwar to Chakiya	21.5	26,490.00	Yellow Sand
12	D/s Koelwar to Fatuha Mouth	64	12,540.00	Yellow Sand
13	D/s Koelwar to Jimadari Ghat	68	9,660.00	Yellow Sand
	Sub Total (E)		9,70,100.00	
F	Unorganized Movement (NW-1)			
1	Kahalgao to Tintanga	6	10,068.20	Passenger
2	Sultanganj to Aguwani Ghat, (Sultanganj)	1	15,361.01	

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
3	Kacchidargah to Raghapur Diyara	1		
4	Doriganj to Bidupur	58		
5	Doriganj to Fatuha	61		
6	Digha to Nakta Diyara	1		
7	Nasiriganj to Panapur	1		
8	Sherpur to Mahua Ghat, Doriganj	20		
9	Sherpur to Masan Ghat, Doriganj	19		
10	Sherpur to Doriganj Ghat	18		
11	Sherpur to Bidupur	40		
12	Sherpur to Fatuha	43		
13	Sherpur to Pahleza	14		
14	Sherpur to Sabalpur	17		
15	Ratantola (Vyapur) to Doriganj			
16	Ujjiyar Ghat, Buxar to Jahaj Ghat, Buxar	1.5		
17	Ghazipur (Collector Ghat) to Saraiya (Sandture)	1		
18	Zamania to Dharamar pur	1		
19	Chochakpur to Naguan	1		
20	Saidpur to Hasanpur (Sandture)	1		
21	Kaithy to Tanda Kalan	1		
22	Balua Ghat to Sapsaul	1		
23	Rajghat to Domri	1		
24	Ravidas Ghat to Ramnagar (Sandture)	1		
25	Ramnagar to Samne Ghat	1		
26	Ravidas Ghat to Namu Ghat	1		
27	Sultanganj to Aguwani Ghat, (Sultanganj)	1	10,744.10	Passenger
28	Sultanganj to D/s Dudhaila	12	5,361.18	Passenger
29	Raghapur (Bhaqalpur) to Bind Toli Ghat	2	5,162.20	Passenger
30	Babupur Ghat (Munger) to D/s Gopinathpur	2	2,377.92	Passenger
31	Babua Ghat to Zafer Diyara	1	4,966.28	Passenger
32	Diara Malahi (Athamalgola) to Arazi Barari (Ramnagar)	0.5	10,305.08	Passenger
33	Dharni Patti (Pattharghat) to Sarsoba Diyara	5	2,379.66	Passenger
34	Jethuli (Fatuha) to D/s Rustampur	1	3,704.32	Passenger
35	Dharni Patti (Pattharghat) to U/s Fatuha Mauth	3	1,982.18	Passenger
36	Gyaspur to Kala Diyara	0.5	6,067.74	Passenger
37	Jimadari Ghat (Chakosan) to Raghapur Diyara	1	6,428.12	Passenger
38	Kacchidargah to Raghapur Diyara	1	1,88,114.60	Passenger
39	Govindpur (Gopalpur) to Raghapur Diyara	0.5	343.28	Passenger
40	Hemjapur (Munger) to Chand Tola Diyara	0.5	398.16	Passenger
41	D/s Rasalpur to Fatuha Mouth	5	10,560.00	Sand
42	Nawadaqhat (Barh) to Patasighat Diyara	1	371.28	Passenger
43	Pachasa (D/s Rasalpur) to Fatuha Mouth	4	6,660.00	Sand
44	D/s Sabalpur to Pahleza Ghat	4	49,890.00	Ganga Sand
45	D/s Sabalpur to Sabalpur Ghat	1	52,500.00	
46	Digha to Nakta Diyara	1	37,584.44	Passenger

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
47	Danapur to U/s Panapur	1	1,798.20	Passenger
48	Nasiriganj to Panapur	1	12,183.32	Passenger
49	Mahuli Ghat to Khwaspur	1	24,364.85	Passenger
50	Patilpur Ghat to Patilpur Ghat (Nakta Diyara)	1	1,539.60	Passenger
51	Sherpur to Mahua Ghat, Doriganj	20	94,890.00	Sand
52	Sherpur to Masan Ghat, Doriganj	19	1,15,410.00	
53	Sherpur to Doriganj Ghat	18	87,750.00	
54	Sherpur to Maliya Ghat, Doriganj	17	1,03,890.00	
55	Sherpur to Tiwari Ghat, Doriganj	16	1,15,650.00	
56	Sherpur to Rahariya Ghat, Doriganj	21	65,550.00	
57	Sherpur to Bidupur	40	3,600.00	Sand
58	Sherpur to Fatuha	43	2,250.00	
59	Sherpur to Pahleza	14	9,000.00	
60	Sherpur to Sabalpur	17	4,500.00	
61	Ratantola (Vyapur) to Doriganj	15	1,09,800.00	Sand
62	Ujjiyar Ghat, Ballia to Jahaj Ghat, Buxar	1.5	31,950.57	Passenger
63	Shivpur Ghat (Ballia), UP to Bahoranpur (Arrah), Bihar	1	2,011.20	Passenger
64	Ghazipur (Collector Ghat) to Saraiya (Sandture)	1	5,652.90	Passenger
65	Zamania to Dharamar pur	1	4,858.80	Passenger
66	Chochakpur to Naquan	1	5,411.22	Passenger
67	Saidpur to Hasanpur (Sandture)	1	3,348.00	Passenger
68	Kaithy to Tanda Kalan	1	4,791.60	Passenger
69	Balua Ghat to Sapsaul	1	5,938.20	Passenger
70	Rajghat to Domri	1	11,895.00	Passenger
71	Ravidas Ghat to Ramnagar (Sandture)	1	6,677.10	Passenger
72	Ramnagar to Samne Ghat	1	5,251.00	Passenger
73	Ravidas Ghat to Namu Ghat	1	3,533.46	Passenger
74	Mahua to Mahua diyara	2.3	30,000.00	Sand
75	Maliya Ghat to Langar tola	1.5	30,000.00	Sand
76	Masan Ghat to Masan Ghat (Opposite)	0.5	30,000.00	Sand
77	Rahariya Ghat to Rahariya Ghat (Opposite)	0.5	30,000.00	Sand
78	Tiwari Ghat to Chakiya	0.5	20,000.00	Sand
Cross Ferry/Ro-Ro Services from NW-97 to NW-1 vice versa				
1	Lot no. 8 (NW-97=1.25 km) - Kachuberia (NW-1=1.25 km)	2.5	7,95,403.35	Commodities, Passenger traffic, Iron and Steel, Sand, Building materials
Passenger Ferry from NW-97 to NW-1 vice versa				
1	Ghoramara (NW-01-5.5 km) - Lot no. 8 (NW-97-1.5 km)	7	13,297.43	Passenger traffic, Passenger Freight Volume handled & Vehicular traffic
2	Jharkhali (NW97-87 km) - Geonkhali Noorpur (NW1-65 km) Ferry	152	12,001.05	Passenger traffic, Passenger Freight Volume handled & Vehicular traffic
3	Sagar (NW1-9 km, Mritunjaynagar) ferry ghat - Namkhana (NW97-2	11	9,058.95	Passenger traffic, Passenger Freight Volume handled & Vehicular traffic
4	Balaqarh - Sahebdaŋa - Balaqarh	1	5,01,652.38	Goods
5	Guptipara - Shantipur - Guptipara	0.8	41,411.75	Goods
6	Kalna - Nrisinghapur - Kalna	0.62	4,57,381.57	Goods

Table 2.2
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Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
7	Kamalanagar - Bhebadanga - Kamalanagar	0.8	19,403.65	Goods
8	Agradwip - Agradwip RS - Agradwip	0.5	3,433.60	Goods
9	Daihat - Metiary - Daihat	0.74	1,63,385.00	Goods
10	Katwa - Ballabhpara - Katwa	0.6	4,23,346.90	Goods
11	Palassey - Ramnagar - Palassey	0.44	1,42,685.25	Goods
12	Narkelbari - Maganpara - Narkelbari	0.5	1,37,614.29	Goods
13	Rajmahal - Manikchak - Rajmahal	20	57,100.00	Stone chips
14	Garamghat - Manihari - Garamghat	11	4,86,000.00	Stone chips
15	Cargo Ferry Services in NW-1 (Unorganised sector)			
16	Ahiritola Launch Ghat - Bandhaghat Launch Ghat/Chatu Babu Gha	0.54	1,78,514.70	Passenger traffic
17	Amura - Amura	0.4	20,062.48	Passenger traffic, Vehicular traffic & Goods
18	Ariadaha - Uttarpara Ferry Ghat	1.5	1,26,182.64	Passenger traffic, Vehicular traffic & Goods
19	Armenian Ferry Ghat - Howrah	0.38	1,61,874.64	Passenger traffic & Vehicular traffic
20	Bagbazar ferry ghat - Howrah	3.5	32,158.80	Passenger traffic & Goods
21	Bagmari - Laskarpur ghat	0.17	25,541.87	Passenger traffic, Vehicular traffic & Goods
22	Balia, Shyampur - Balia, Shyampur	2	15,549.92	Passenger traffic, Vehicular traffic & Goods
23	Ballapur - Ballapur	0.18	38,404.74	Passenger traffic, Vehicular traffic & Goods
24	Barabazar - Howrah	0.37	54,077.60	Passenger traffic & Goods
25	Bhairabata, Berhampore - Refujee ghat	0.23	79,357.90	Passenger traffic, Vehicular traffic & Goods
26	Chandpal (Babughat) Ferry Ghat 1 - Ramkrishna pur	0.6	23,032.00	Passenger traffic & Goods
27	CISF Ahiron Barrage - CISF Ahiron	0.17	2,740.80	Passenger traffic
28	Cossipore Ferry Ghat/ Kashipur Ferry Ghat - Bandhaghat Launch	2.75	46,407.30	Passenger traffic & Vehicular traffic
29	Dakshineswar Ghat - Belur Math Ferry Ghat	2.8	1,74,348.60	Passenger traffic
30	Dasturihat Kadamtala - Dasturihat Kadamtala	0.8	7,098.68	Passenger traffic, Vehicular traffic & Goods
31	Elahiganj - Sahanagar ghat	0.18	31,615.10	Passenger traffic, Vehicular traffic & Goods
32	Fairlie Ferry Station 1 - Howrah	0.85	86,162.10	Passenger traffic
33	Farakka ghat - Nishindra	0.08	34,079.94	Passenger traffic, Vehicular traffic & Goods
34	Ghoraipara - Ghoraipara	0.06	42,949.86	Passenger traffic, Vehicular traffic & Goods
35	Gopal ghat - Khagra ghat	0.18	43,082.56	Passenger traffic & Vehicular traffic
36	Gorabazar ferry ghat - Downtown ferry ghat	1.5	46,823.76	Passenger traffic, Vehicular traffic & Goods
37	Hazarduari - Dahapara ghat	0.22	44,078.62	Passenger traffic, Vehicular traffic & Goods
38	Hazarduari- Motijhil- Khosbagh - Khosbag	0.42	19,141.76	Passenger traffic, Vehicular traffic & Goods
39	Hazipur - Sorla ghat	0.5	5,047.40	Passenger traffic & Goods
40	Howrah - Shipping ferry Ghat	1.1	75,411.65	Passenger traffic & Goods
41	Jiaganj, Azimganj - Jiaganj, Azimganj	0.38	52,892.88	Passenger traffic, Vehicular traffic & Goods
42	Kabilpur Tejraipur - Rajarampur ghat	0.26	37,239.30	Passenger traffic, Vehicular traffic & Goods
43	Kharika Pukar Khamar Para - Khamarpara ghat left side	0.45	25,875.53	Passenger traffic, Vehicular traffic & Goods
44	Kukrahati - Diamond Harbbour	7.8	50,899.80	Passenger traffic, Vehicular traffic & Goods
45	Lakhi Ghat - Jannath /Lakhi ghat	0.52	27,474.76	Passenger traffic, Vehicular traffic & Goods
46	Lalbagh (Kabilpur) - Lalbagh (Kabilpur)	0.22	26,302.78	Passenger traffic, Vehicular traffic & Goods
47	Mahabatipur - Bagolpur ghat	0.18	17,467.00	Passenger traffic, Vehicular traffic & Goods
48	Metiabruz Ferry Ghat (Jetty) - Nazirgunge Ferry Ghat	0.52	70,187.82	Passenger traffic, Vehicular traffic & Goods
49	Nialish Para - Ghat bondor	0.2	60,241.72	Passenger traffic & Vehicular traffic

Table 2.2
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Details of Cargo Moved on National Waterways (National Waterway No.1) - The Ganga-Bhagirathi-Hooghly River System

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
50	Nishindra - Farraka ghat	0.3	34,838.48	Passenger traffic, Vehicular traffic & Goods
51	Noorpur-Geokhali Ferry Ghat (Noorpur) - Geokhali ferry ghat	2.15	29,203.58	Passenger traffic, Vehicular traffic & Goods
52	Panihati ferry ghat - Konnagar Bata Ghat Ferry Service	0.8	1,35,487.52	Passenger traffic & Vehicular traffic
53	Radharghat Berhampore - Radharghat Berhampore	0.22	52,161.60	Passenger traffic, Vehicular traffic & Goods
54	Rajabagan ferry ghat - Nazarganj	0.7	4,773.60	Passenger traffic
55	Ramkrishnapur Ferry Ghat - Babughat	0.6	32,271.52	Passenger traffic, Vehicular traffic & Goods
56	Ramnagar - Ramnagar right side	0.18	40,409.57	Passenger traffic, Vehicular traffic & Goods
57	Rampara - Shaktipur ghat	0.42	29,864.86	Passenger traffic, Vehicular traffic & Goods
58	Ratan Babu's Ferry Ghat - Howrah	5.8	60,659.40	Passenger traffic
59	Raychak - Kukrahati	2	29,794.14	Passenger traffic, Vehicular traffic & Goods
60	Rishra Ferry Ghat - Khardah Ferry ghat	0.7	1,59,401.52	Passenger traffic, Vehicular traffic & Goods
61	Serampore - Barrackpore Dhobi Ghat	0.7	3,91,967.68	Passenger traffic, Vehicular traffic & Goods
62	Shibpur Ferry Ghat - Chandpal Ghat (Babu Ghat)	1.6	5,224.80	Passenger traffic
63	Shitesh Nagar Islampur - Islampur	0.25	28,822.50	Passenger traffic, Vehicular traffic & Goods
64	Sovabazar Ferry Ghat - Howrah	2.5	44,287.20	Passenger traffic
65	Uddharanpur ferry ghat - Bhagyabantpur ferry ghat	0.32	26,124.56	Passenger traffic, Vehicular traffic & Goods
66	Ujjal Nagar Bhatpara - Gadi ghat	1.3	30,030.60	Passenger traffic, Vehicular traffic & Goods
Sub Total (F)			75,95,650.08	
G.				
1	M/s. J.H. Parabia (Transport) Pvt. Ltd			
1	Diamond Harbour - Fauta Jetty	875		
2	M/s Prism Logistics Pvt. Ltd.			
1	Diamond Harbour - Semaria	789		
3	M/s. National Trailer Transport Company			
1	Kolkata - Farakka	398		
4	M/s. Total Movements Private Limited, Kolkata			
1	Diamond Harbour - Mokama, Bihar	797	362.70	Generator Stator
2	M/s Mega Moves Project logistics			
3	Kolkata (NW-1) - Kolaghat (NW-86)	97	251.62	Rotary Kiln Shell - 3 Nos
5	M/s. Spring Professional Services Pvt. Ltd.			
1	IWAI Sahebganj MMT - Kachuberia (Sagar)	587	180.00	Stone Aggregate
2	Puthimari Jetty - Kachuberia (Sagar)	495	496.00	Stone Aggregate
Sub Total (G)			1,290.32	
H.				
	Traffic from NW-86 to NW-97 through NW-1 (Unorganized)			
1	Mayachar -Namkhana/Bakkhali	77	16,560.00	Bricks
2	Mayachar -Patharprotima	106	12,960.00	Bricks
3	Mayachar - Kachuberia	63	6,336.00	Bricks
1	M/s Prism Logistics Pvt. Ltd.			
1	Kolaghat (NW-86) - Budge Budge (NW-1)	72		
2	Kolkata to Semaria	713		
Sub Total (H)			35,856.00	
Total (NW-I)			1,63,81,041.00	

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.2)- Brahmaputra

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
				Stone chips, Coal, Stone Boulder
A	Organised Cargo	32	10,579.71	ODC:- 1. Coke Drum 2. Boiler 3. Vacuum Tower 4. HODD, HPS, HPCSD and MFRD
B	IWTD Assam		1,82,161.00	
C	Unorganised Sector	20	7,06,811.29	Passenger, Bi-cycle, M.Cycle, Vehicles Goods, etc.
Sub Total (A+B+C)			8,99,552.00	
Total (NW-2)			8,99,552.00	

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

A.	CHAMPAKARA CANAL			
1	KSINC			
1	Q10 Berth-CPT-Fact, CD	21	65,057.00	Sulpher,Rock Phosphate,Phosphoric Acid
2	LOTS Shipping & Trading			
3	Q10 Berth-CPT-Fact, CD	21	1,07,375.00	Phosphoric Acid,Sulphur,Rock Phosphate
3	Kerala Backwater Navigation			
1	FACT,PD- FACT, CD	21		
2	FACT Ammonia Jetty W.Island - FACT (CD)	21	17,562.00	LAG
3	FACT , Ammonia jetty- FACT, PD(via mattancherry channel)	22		
4	W. Island ammonia jetty to FACT(CD)	22		
5	Cochin Port - FACT, CD	21	19,410.00	LAG
4	FACT Ltd.*			
1	W. Island ammonia jetty to FACT(CD)	22	20,098.00	LAG
2	FACT,PD- FACT, CD	21		
3	Cochin Port - FACT, CD	21	70840	LAG
5	Tisha Navigation Inc.			
1	Kakanadu Terminal -Sea	21.00	3,141.00	LIQUID EFFLUENT
6	COCHIN BUNKERS			
1	IRUMBANAM TO COCHIN PORT	20.00		
2	BPCL jetty Irumbanam to COT	18.00	568.00	FUEL OIL
3	BPCL jetty Irumbanam to Q5	19.20	367.00	FUEL OIL
4	BPCL jetty Irumbanam to Q6	19.30	109.00	FUEL OIL
5	BPCL jetty Irumbanam to Q4	22.50	295.00	FUEL OIL
6	BPCL jetty Irumbanam to Q8	18.80		
7	BPCL jetty Irumbanam to CSL	16.00		
8	BPCL jetty Irumbanam to NTB	18.00	79.00	FUEL OIL
9	BPCL jetty Irumbanam to NCB	22.40	244.00	FUEL OIL
10	BPCL jetty Irumbanam to OPL	21.00	1,043.00	FUEL OIL
11	Irumbanam - Q1 BERTH			
12	BPCL jetty Irumbanam to Q7	19.00		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
13	BPCL jetty Irumbanam to Q10	18.00	747.00	FUEL OIL
14	BPCL Jetty Irumbanam - BTP	21.50	200.00	FUEL OIL
15	Fact UD to Fact CD	21.00		
16	Q10 berth CPT to FACT CD	21.00	1,09,381.00	Sulphuric acid, Phosphoric Acid, Rock Phosphate & Sulphur
17	Q10 to SCB	5.00	160.00	FUEL OIL
18	Cochin Port to FACT CD	21.00		
19	Kakkanad to OPL	21.00		
20	BPCL jetty Irumbanam to Q1	23.00	595.00	FUEL OIL
21	BPCL jetty Irumbanam to Q10	18.00		
22	BPCL jetty Irumbanam to IOC	17.20		
23	BPCL jetty Irumbanam to Fine Arts Jetty	17.20	475.00	FUEL OIL
24	BPCL jetty Irumbanam to South Naval Jetty	16.00	17.00	FUEL OIL
25	Q10 to Q7	1.00	600.00	FUEL OIL
26	BPCL jetty Irumbanam to Lakshadweep Jetty	21.20		
27	BPCL jetty Irumbanam to Thevara	24.00		
28	BPCL jetty Irumbanam to SCB	23.00	1,928.00	FUEL OIL
29	BPCL jetty Irumbanam to ICTT	21.00	50.00	FUEL OIL
30	BTP to OPL	2.00	4,171.00	FUEL OIL
31	Q1 to OPL	3	2,563.00	
32	Fine Arts Jetty to OPL	4		
33	Fine Arts Jetty to Q10 Berth	0.7		
34	NCB to OPL	2		
35	Q4 to Thevara	6.4		
36	BTP to BTP	0.015		
37	OPL to Thevara	18		
38	Q1 to ICTT	3	3,041.00	
39	NCB to Q1	1	300.00	FUEL OIL
40	NCB to ICTT	2	2,845.00	
41	NCB to Cochin Anchorage Area	2		
42	BTP to NCB	1		
43	Q1 to COT	5	4,540.00	
44	Q4 to COT	4.3		
45	Q2 to BTP	1.5		
46	Q1 to BTP	1.5	2,774.00	
47	NCB to BTP	1	546.00	FUEL OIL
48	BPCL jetty Irumbanam to Q9	18.5	600.00	FUEL OIL
49	BPCL jetty Irumbanam to Amba jetty	17.1	20.00	FUEL OIL
50	BTP to Coast Guard Jetty	0.8	50.00	FUEL OIL
51	BTP to CSL	5.6	52.00	FUEL OIL
52	BTP to Q1 Berth	1.5	1,400.00	FUEL OIL
53	BTP to Q2 Berth	1	165.00	FUEL OIL
54	BTP to SCB	1	2,390.00	FUEL OIL
55	BTP to ICTT	2	300.00	FUEL OIL
56	NCB to NCB	0	50.00	FUEL OIL
57	NCB to OPL	2	10,940.00	FUEL OIL

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
58	NCB to Q4	0.2	406.00	FUEL OIL
59	NCB to Q5	2.6	165.00	FUEL OIL
60	NCB to Q7	3.3	675.00	FUEL OIL
61	NCB to Q10 Berth	4	489.00	FUEL OIL
62	NCB to Coast Guard Jetty	1.1	154.00	FUEL OIL
63	NCB to South Naval Jetty	6	842.00	FUEL OIL
64	NCB to CSL	6	254.00	FUEL OIL
65	NCB to UTL Jetty	3	126.00	FUEL OIL
66	NCB to COT	4	33.00	FUEL OIL
67	NCB/ IOCL to UTL Jetty	1.5	4.00	FUEL OIL
68	NCB/ IOCL to Q5 Berth	2.8	190.00	FUEL OIL
69	NCB to SCB	1.1	800.00	FUEL OIL
70	NTB to BTP	4	25.00	FUEL OIL
71	SCB to SCB	1	585.00	FUEL OIL
72	SCB to NCB	1.1	50.00	FUEL OIL
73	SCB to Q1	0.4	50.00	FUEL OIL
74	SCB to OPL	3	3,069.00	FUEL OIL
75	SCB to Q4 Berth	4	57.00	FUEL OIL
76	SCB to ICTT	3	588.00	FUEL OIL
77	OPL to OPL	1	37.00	FUEL OIL
78	OPL to BTP	2	30.00	FUEL OIL
79	OPL to SCB	3.1	30.00	FUEL OIL
80	Q1 to NTB	5.3	369.00	FUEL OIL
81	Q1 to NCB	1	779.00	FUEL OIL
82	Q1 to Q1	1	3,180.00	FUEL OIL
83	Q1 to Q4	0.7	1,647.00	FUEL OIL
84	Q1 to Q7	4.2	300.00	FUEL OIL
85	Q1 to Q10 Berth	5	190.00	FUEL OIL
86	Q1 to SCB	1	1,380.00	FUEL OIL
87	Q1 to Fine arts jetty	6	95.00	FUEL OIL
88	Q4 to Q4	1	320.00	FUEL OIL
89	Q4 to Q10 Berth	4.3	340.00	FUEL OIL
90	Q4 to BTP	1	263.00	FUEL OIL
91	Q4 to NCB	0.2	59.00	FUEL OIL
92	Q4 to SCB	0.9	76.00	FUEL OIL
93	Q4 to OPL	2.5	1,250.00	FUEL OIL
94	Q4 to ICTT / V2	2.3	149.00	FUEL OIL
95	Q4 to OPL	2.5	1,250.00	FUEL OIL
96	Q4 to ICTT / V2	2.3	149.00	FUEL OIL
97	COT to BTP	3.5	160.00	FUEL OIL
98	ICTT Vallarpadam to BTP	2	60.00	FUEL OIL

Table 2.2
Contt...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
99	ICTT Vallarpadam to SCB	3	228.00	FUEL OIL
100	ICTT Vallarpadam to Thevara	9	30.00	FUEL OIL
101	Q10 to SCB	5	160.00	FUEL OIL
102	Fine arts jetty to SCB	6.1	720.00	FUEL OIL
103	Fine arts jetty to OPL	4	4,946.00	FUEL OIL
104	Fine arts jetty to ICTT / V2	4	1,247.00	FUEL OIL
105	Fine arts jetty to Q1	6	100.00	FUEL OIL
106	Fine arts jetty to Q4	4	720.00	FUEL OIL
107	Fine Arts Jetty to Q10 Berth	0.9	349.00	FUEL OIL
108	Fine arts jetty/ IOCL to Coast guard jetty	4.1	66.00	FUEL OIL
109	Fine arts jetty/ IOCL to South Coast guard jetty	4	100.00	FUEL OIL
7	BHARAT CHEMICALS			
1	FINE ARTS JETTY TO OUTER SEA(OPL)	4	4,869.00	VLSFO, LSFO
2	FINE ARTS JETTY TO BERTH	4	5,750.00	VLSFO, LSFO
3	Fine arts jetty to SEA (Distance upto Sea Mouth)	1.5	2,972.00	VLSFO
4	Q1 to SEA (Distance upto Sea Mouth)	2	16,802.00	VLSFO
5	Q1 to Q1	0.4	950.00	VLSFO
6	Q1 to OPL	2	6,839.00	VLSFO
7	Q2 to OPL	2	63.00	HFHSD
8	Q4 to SEA (Distance upto Sea Mouth)	2	1,199.00	VLSFO
9	BTP to BTP	1	320.00	VLSFO
10	BTP to SEA (Distance upto Sea Mouth)	1.5	11,020.00	VLSFO
11	BTP to OPL	1.5	4,257.00	VLSFO
12	NCB to OPL	2	8,962.00	VLSFO
13	NCB to SEA (Distance upto Sea Mouth)	2	13,155.00	VLSFO
14	SCB to OPL	3	3,897.00	VLSFO, HSFO, HFHSD
15	Q10 berth CPT to SEA (Distance upto Sea Mouth)	1.5	550.00	VLSFO
8	SHINY SHIPPING			
1	BTP to Ambajetty	4.2		
2	BTP to CSL	5.6		
3	BTP to Q8	2.8		
4	BTP to Q10	3.2		
5	BTP to OPL	2	9556	VLSFO,LSHFHSD,FO, HSFO, HFHSD
6	BTP to Q6	3.7	160	LSHFHSD, HSFO, VLSFO
7	BTP to BTP	0.015	4.5	LSHFHSD
8	BTP - ICTT	2	2697	VLSFO, HFHSD
9	NCB TO BTP	1	1231	LSHFHSD, VLSFO
10	NCB TO Q6	2.9	1033	LSHFHSD, VLSFO, HFHSD
11	NCB TO Q5	3	250	VLSFO
12	NCB to Q8	3.75	1150	VLSFO
13	NCB TO ICTT	2	8666	VLSFO, HSFO
14	NCB to Q10 berth	4	400	VLSFO
15	NCB to OPL/Outer Sea	2		
16	NCB to South Naval Jetty	6	5	LSHFHSD, HFHSD
17	NCB to CSL	6		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
18	NCB TO OPL	2	12238	VLSFO,LSHFHSD,FO, HSFO, HFHSD
19	NCB to Ambajetty	5		
20	Q4 to COT	4.3		
21	Q4 Berth to OPL	2.5		
22	Q4 Berth to BTP	1		
23	Q4 Berth to ICTT Vallarpadam	2.3		
22	Q1 berth to South Naval Jetty	6.5		
23	Q1 Berth to ICTT Vallarpadam	3	850.00	VLSFO
24	Q1 to Q6	3.8		
25	Q1 Berth to Q8	4.5	219.00	VLSFO
26	Q1 to Q5	3.6		
27	Q1 Berth to BTP	1.5		
28	Q1 Berth to OPL	3	8,932.00	VLSFO
29	Q1 Berth to COT	5	1,497.00	VLSFO
30	Q1 to Q10 Berth	5		
31	BTP to Q7	2.6		
32	BTP to Q5	2		
33	Q1 TO Q10	5		
34	Q1 TO Q7	4.2		
35	Q1 TO COT	5		
36	Q1 to Cochin Anchorage Area	3		
37	FINE ARTS JETTY TO Q8 BERTH	2		
38	SCB to Cochin Anchorage Area	3		
39	FINE ARTS JETTY to Cochin Anchorage Area	3	2,129.00	VLSFO
40	NCB to Cochin Anchorage Area	2	19,042.00	VLSFO, HSFO
41	NCB to Lakshadweep Jetty	0.5		
42	NCB to UTL Jetty	1.5		
43	NCB to Q3 Jetty	6		
44	NCB to Q9	4	90.00	HFHSD
45	NCB to Q2	0.5		
46	BTP to Q4	0.9	1,220.00	VLSFO
47	BTP to Q9	2.9	400.00	VLSFO
48	BTP to COT	3.5	300.00	VLSFO
49	BTP to Cochin Anchorage Area	3	9,687.00	HSFO, VLSFO, HFHSD
50	Q1 to Cochin Anchorage Area	3	5,044.00	HFHSD, VLSFO, LSMGO
51	FINE ARTS JETTY TO ICTT	4	7,291.00	VLSFO
52	FINE ARTS JETTY TO Q6 BETHR	2	750.00	VLSFO
53	Fine arts jetty to Q4	4	1,604.00	VLSFO
54	FINE ARTS JETTY TO OPL	4	10,347.00	VLSFO

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
55	FINE ARTS JETTY TO COT	1	798.00	VLSFO
56	FINE ARTS JETTY TO Q9 BETRH	1	99.00	VLSFO
57	FINE ARTS JETTY to Cochin Anchorage Area	2	400.00	VLSFO
58	Fine Arts Jetty to Q10 Berth	0.9	800.00	VLSFO
59	Fine arts jetty to BTP	4.6	1,530.00	VLSFO
60	NCB to Q4	0.2	820.00	VLSFO
61	NCB to COT	4	1,000.00	VLSFO
62	NCB to SCB	1.1	400.00	VLSFO
63	NCB to NTB	3.3	420.00	VLSFO
64	Irumbanam to Q8	18.8	200.00	HFHSD
Sub Total (A)			6,81,293.50	
B. UDYOGMANDAL CANAL				
1 LOTS Shipping & Trading*				
1	Q10 CPT-Fact, UD	20	9,119.00	Phosphoric Acid, Sulphur
2 KSINC*				
1	RO-RO SERVICE BETWEEN BOLGATTY TO WILLINGTON ISLAND	3.7	7,71,473.00	VARIOUS COMMODITIES IN CONTAINERS, CARS BIKES, TWO
2	COT - Bolgatty			
3	NTB , COT Berth Cochin port Bolgatty	10		
4	Q10 Berth, CPT to Fact UD	21	10,108.00	Phosphoric Acid
3 Kerala Back Water Navigation				
1	Fact ,PD - FACT, CD	14.5		
2	FACT Ammonia jetty, W. Island -FACT,PD	14.5	13,440.00	LAG
3	FACT Ammoniajetty W.island - FACT UD	20		
4	Fact PD - Fact Ammonia Jetty	14.5	2,442.00	LAG
5	FACT PD to Cochin Port	14.5	12,654.00	LAG
4 Cochin Bunkers				
1	Fact UD to Cochin Port	15		
2	Q10 Berth, CPT to FACT UD	20	13,650.00	Sulphuric Acid
5 FACT Ltd.*				
1	FACT ammoniajetty W.island - FACT UD	20		
2	FACT Ammonia jetty, W. Island -FACT,PD	14.5	7,895.00	LAG
3	FACT,PD-FACT,CD			
4	FACT PD to Cochin Port	14.5	70,456.00	LAG
5	FACT PD to FACT Amonia Jetty (W.Island)	20	3,072.00	LAG
Sub Total (B)			9,14,309.00	
C. THE WEST COASTAL CANAL				
1 KMML Ltd.				
1	TCC - KMML	133		
2	KMML Chavara East Bank- KMML Chavara	0.03	8,22,030.00	Sand
3	KMML Chavara East Bank- KMML Chavara	0.03	1,58,696.00	General Cargo
Subtotal(West Coast Canal)			9,80,726.00	

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
D	Passenger Cargo (NW-3)			
	KMML			
1	KMML Chavara East Bank -KMML Chavara	0.03	14,221.08	
2	KMML Chavara - KAM boat Jetty	0.12	8,787.60	Passenger
3	SWTD			Passenger
4	Ernakulam - Varappuzha	13.5	1,490.94	Passenger
5	Ernakulam-Fortkochi	3.5	1,28,509.98	Passenger
6	Ernakulam-Vypin	3.5	30,474.78	Passenger
7	Ernakulam-Mulavukad	3.5	6,912.84	Passenger
8	Alappuzha - Nedumudi	14	10,429.14	Passenger
9	Alappuzha- Kainakari	3.3	9,776.58	Passenger
10	Alappuzha -Kainakri Road	3.3	6,172.32	Passenger
11	Alappuzha - Venattukadu	2	10,569.84	Passenger
12	Alappuzha- Pathiramanal	13	2,470.92	Passenger
13	Muhamma - Kumarakam	6.8	12,049.32	Passenger
14	Muhamma -Maniyaparambu	4.5	3,172.08	Passenger
15	Pulinkunnu-Alappuzha	3	24,879.72	Passenger
16	Nedumudi-Alappuzha	3.5	41,677.80	Passenger
17	Kollam-Plavara	1.5	5,723.64	Passenger
18	Kollam-Pezhamthuruth	6	6,777.78	Passenger
19	Kollam-Kureepuzha	3	1,285.74	Passenger
20	Vaikom-Thavanakkadavu	2.5	1,21,541.64	Passenger
21	Panavalli-South Paravoor	4	30,792.36	Passenger
22	Panavalli-Poothotta	2	63,458.88	Passenger
23	Panavalli-Perumpalam market	2	31,845.78	Passenger
24	Alappuzha- Kayalpuram	3.3	1,519.20	Passenger
25	Panavalli-Ernakulam	18.5	206.76	Passenger
26	Alapuzha bus stop jetty - Nehru trophy boat jetty	0.96	352.80	Passenger
27	Alapuzha - Alapuzha bus stand jetty	0.62	3,560.40	Passenger
28	Alapuzha - Krishnapuram jetty	17.6	3,198.60	Passenger
29	Allapadu - Kattikadavu jetty	5	696.60	Passenger
30	Ernakulam Jetty - Ponnarimangalam	3.7	6,647.40	Passenger
	KMRL			
1	Ernakulam - Fortkochi	3.5	330.00	Passenger
2	Highcourt Jetty - Fortkochi	3.8	13,928.94	Passenger
3	Vyttila - IWAJ Kakkanad Terminal	5	12,072.06	Passenger
4	Highcourt Jetty - Vypin	3.25	5,969.58	Passenger
5	Highcourt Jetty - South Chittoor	7.4	3,979.68	Passenger
6	South Chittoor - Cheranelloor	5.2	3,183.78	Passenger
7	Cheranelloor - Eloor Jetty	0.15	795.96	Passenger

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.3) - West Coast Canal, Champakara Canal & Udyog Mandal Canal

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
	KSINC Ltd			
1	Marine Drive - Kadamakkudi	22	87.42	Passenger
2	Marine Drive - Outersea	10	361.08	Passenger
3	Marine Drive - Palaikakari Matsyafed	52	42.12	Passenger
4	Bolgatty Terminal - Outersea	10	386.76	Passenger
Sub-total(passenger)			6,30,339.90	
E	Un-Organised Cargo (NW-3)			
1	Pullangadithodu-Nalluchira	12.1	5,172.00	Rubble
2	Pullangadithodu-Nalluchira	12.1	5,910.00	M-sand
3	Pullangadithodu-Nalluchira	12.1	5,900.00	Cement
4	Pullangadithodu-Nalluchira	12.1	2,995.00	Red earth
5	Pallathuruth-Zero Jetty	12.1	4,960.00	Rubble
6	Pallathuruth-Zero Jetty	12.1	3,730.00	Aggregate
7	Pallathuruth-Zero Jetty	13.1	225.00	Cement
8	Pallathuruthy Jetty - Meerappattipadam	1.1	2,150.00	Laterate
9	Pallathuruthy Jetty - Meerappattipadam	1.09	5,785.00	Sand
10	Pallathuruthy Jetty - Meerappattipadam	1.09	4,010.00	Rubble
11	Pallathuruthy Jetty -Kannattipadam	2.3	5,700.00	Paddy
12	Pallathuruthy Jetty -Kannattipadam	2.3	2,305.00	Aggregate
13	Pallathuruthy Jetty -Kannattipadam	2.3	2,816.60	Sand
14	Pallathuruthy Jetty -Kannattipadam	2.3	1,620.00	Quarry Waste
15	Pallathuruthy Jetty -Kannattipadam	2.3	52.00	Laterate
16	Karumadi - Mannappara	3.5		
17	Thakazhy - Zero Jetty	20	7,815.00	Paddy
18	Kainakary - Karumady	18	12,618.00	Paddy
19	Pallathuruthy Jetty -Kannattipadam	2.2		
20	Pallathuruthy Jetty -Kannattipadam	3.2		
21	Karumadi - Mannappara	3.5		
Sub-total(un-organised)			73,763.60	
F	Fish Cargo (NW-3)			
1	OPL-Munambam	1.5		
2	OPL-Munambam	1.5		
3	Kochi Sea Mouth-Thoppumpady Harbour	4.8		
4	Munambam Sea Mouth- Munambam Harbour	1.5		
5	Kochi Sea Mouth - Vypeen Harbour	1		
6	Kayamkulam Sea Mouth - Azheekkal Harbour	0.05		
7	Sea (Distance upto Sea Mouth) - Thoppumpady Harbour	4.8	30,172.00	Fish
8	Sea (Distance upto Sea Mouth) - Munambam Harbour	1.5	85,064.00	Fish
9	Sea (Distance upto Sea Mouth) - Vypeen Harbour	1	40,203.00	Fish
10	Sea (Distance upto Sea Mouth) - Azheekkal Harbour	0.05	31,278.00	Fish
11	Outersea - Fortkochi	3	9,575.00	Fish
12	Dalavapuram - Kollam	8	16,733.00	Fish
Sub-total(fish)			2,13,025.00	
Total (NW-3)			34,93,457.00	

**Table 2.2
Cont...**

Details of Cargo Moved on PIWTT Routes

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
	Traffic of India-Bangladesh Protocol Routes 1,2,3 & 4 through NW-97 (Sunderbans Waterway) during FY 2024-25		45,75,928.47	Fly Ash, Project cargo/Steel coils/Steel Hot Rolled Plate/Rail/DI Pipes, Mill Rejected Coal/High Ash Coke/Steam Coal/Coal, Red Lentils/Yellow Peas in Bags, Stone chips/Building const. materials, Cement, Rapeseed Extraction/De oil Bran Extraction/White refined Sugar/Red Seed/Soyabean Extraction, Sponge Iron/Quartzite Mould Powder Silico Manganese, Loaded With Crane and Other Equipments, White Sugar & ODC Cargo
	PIWTT Routes (5 & 6) (Ganga River - Padma River)			
	Rivering Shipping & Logistics			
	Maia Riverine Port (INLGL1), India - Sultanganj, Bangladesh	20.5	100.00	Stone Chips
	Sultanganj, Bangladesh - Maia Riverine Port (INLGL1), India	20.5		
	Ajbela Navigation			
	Maia Riverine Port (INLGL1), India - Sultanganj	362	1,700.00	Fly Ash
	M/s Regal Container Line Pvt Ltd			
	Maia Riverine Port (INLGL1), India - Sultanganj, Bangladesh	20.5	100.00	Stone Chips
	Total		45,77,828.47	
	PIWTT Routes (5 & 6) (Ganga River - Padma River)			
	Rivering Shipping & Logistics			
1	Maia Riverine Port (INLGL1), India - Sultanganj, Bangladesh	20.5		
2	Sultanganj, Bangladesh - Maia Riverine Port (INLGL1), India	20.5		
2	Ajbela Navigation			
1	Maia Riverine Port (INLGL1), India - Sultanganj	20.5		

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.8 & National Waterway No.9)

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
Details of Cargo Moved on National Waterways (National Waterway No. 8)				
UN-ORGANISED CARGO				
1	Narakathara - Kozhichalchira	1.2	4,520.00	Cement
2	Narakathara - Kozhichalchira	1.2	4,470.00	Hollow Bricks
Sub-total				
Passenger cargo				
1	Alappuzha Boat Jetty - Kavalam	13.3	19,515.12	Passenger
2	Alappuzha Boat Jetty - Changanassery	29	9,015.66	Passenger
Sub Total				
Total(NW-8)			37,520.78	
Details of Cargo Moved on National Waterways (National Waterway No. 9)				
UN-ORGANISED CARGO				
1	Mangalassery - H Block	9.5	300.00	Sand
2	Mangalassery - H Block	9.5	7,403.00	Rubble
3	Mangalassery - H Block	9.5	4,300.00	Paddy
Sub-total				
Passenger cargo				
1	Alappuzha Boat Jetty - Kottayam	25	6,886.68	Passenger
2	Kottayam -Alappuzha Boat Jetty	25	9,794.76	Passenger
Sub Total				
Total(NW-9)			28,684.44	
Details of Cargo Moved on National Waterways (National Waterway No. 44)- - Ichamati River				
A Movement of goods by Un-organized sector				
1	Basirhat (NW-44) - Dayapur/Satjelia (NW-97)	80	1,28,658.22	Bricks, Stone chips, Sand (Red) & Cement
2	Basirhat (NW-44) - Pathankhali/Basanti/Gosaba (NW-97)	80	2,27,071.93	Bricks, Stone chips, Sand (Red) & Cement
3	Basirhat (NW-44) - Namkhana/Bakkhali (NW-97)	185	38,556.00	Bricks
4	Basirhat (NW-44) - Itinda Ghat (NW-44)	2.5	68,066.27	River sand
5	Dhaltitha (NW-44) - Itinda Ghat (NW-44) Cross Bank Movement	0.3	17,660.99	Passenger traffic, Passenger Freight & Vehicular traffic
6	Itinda (NW-44)- Sangrampur (NW-44)	0.35	11,865.75	Passenger traffic, Passenger Freight & Vehicular traffic
Total			4,91,879.16	

Table 2.2
Cont...

Details of Cargo Moved on National Waterways (National Waterway No.86) - Rupnarayan

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
1	M/s Prism Logistics Pvt. Ltd.			
1	Kolaghat (NW-86) - Budge Budge (NW-1)	72		
2	M/s Mega Moves Project logistics			
1	Kolkata (NW-1) - Kolaghat (NW-86)	97	251.62	Rotary Kiln Shell - 3 Nos
3	M/s. Kataria Carriers			
1	Kolaghat (NW-86) - NTPC, Farakka (NW-1)	499		
4	Movement of goods by Un-organized sector			
1	Mayachar - Kolaghat	27	17,352.00	Bricks
2	Mayachar - Bakshi	39	10,440.00	Bricks
3	Mayachar -Gopiganj	45	10,512.00	Bricks
4	Mayachar -Namkhana/Bakkhali	77	16,560.00	Bricks
5	Mayachar -Patharprotima	106	12,960.00	Bricks
6	Mayachar - Kachuberia	63	6,336.00	Bricks
7	Bakshi - Kolaghat	12.00	7,581.12	Sand
5	Passenger Ferry Services in NW-86 (Unorganised sector)			
1	Kolaghat - Birampur	4.50	3,354.55	Passenger traffic, Passenger Freight & Vehicular traffic
2	Tamluk -Dehimondal Ghat	2.70	2,743.15	Passenger traffic, Passenger Freight & Vehicular traffic
3	Gadiara Ferry Ghat - Geokhali Ferry Ghat	1.70	47,738.87	Passenger traffic, Passenger Freight & Vehicular traffic
	Total(NW-9)		1,35,829.31	

Details of Cargo Moved on National Waterways (National Waterway No.97)- Sunderbans Waterway

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	Ro Ro Services (Muri Ganga river, including traffic during Ganga Sagar mela-2025)			
1	Lot No-8 - Kachuberia - Lot No-8	5	7,95,403.35	Iron and Steel, Sand, Building materials, Food grains , Passenger traffic, Passenger Freight & Vehicular traffic
2	Traffic from NW-44 to NW-97			
1	Basirhat - Dayapur/Satjelia	80	1,28,658.22	Bricks, Stone chips, Sand (Red), Cement
2	Pathankhali/Basanti/Gosaba	80	2,27,071.93	Bricks, Stone chips, Sand (Red), Cement
3	Namkhana/Bakkhali	181.5	38,556.00	Bricks
3	Traffic of India-Bangladesh Protocol Routes 1,2,3 & 4 through NW-97 (Sunderbans Waterway) during FY 2024-25, as detailed under Sub-Title (C)	176	45,75,955.38	Fly Ash, Project cargo/Steel coils/Steel Hot Rolled Plate/Rail/DI Pipes, Mill Rejected Coal/High Ash Coke/Steam Coal/Coal, Red Lentils/Yellow Peas in Bags, Stone chips/Building const. materials, Cement, Rapeseed Extraction/De oil Bran Extraction/White refined Sugar/Red Seed/Soyabean Extraction, Sponge Iron/Quartzite Mould Powder Silico Manganese, Loaded With Crane and Other Equipments, White Sugar & ODC Cargo

Table 2.2
Cont...

Cargo movement from NW-86 to NW-97 (Un-organized sector)

Sl. No.	River/Stretch	Approximate Distance (Kms)	2024-25 Cargo (in tonne)	Cargo generally moved
1	2	3	4	5
1	Mayachar - Kachuberia	63		Passenger traffic, Passenger Freight & Vehicular traffic
2	Mayachar -Namkhana/Bakkhali	77	16,560.00	Passenger traffic, Passenger Freight & Vehicular traffic
3	Mayachar -Patharprotima	106	12,960.00	Passenger traffic, Passenger Freight & Vehicular traffic
4	Passenger Ferry Services in NW-97 (Unorganised sector)			Passenger traffic, Passenger Freight & Vehicular traffic
5	Amlamethi khaya ferry ghat - Radharanipur ferry ghat	1.8	13,542.38	Passenger traffic, Passenger Freight & Vehicular traffic
6	Hemnagar - Kumirmari	6.00	13,182.68	Passenger traffic, Passenger Freight & Vehicular traffic
7	J. T. Ghat - Jana Ghat	3.00	13,296.60	Passenger traffic, Passenger Freight & Vehicular traffic
8	Kumirmari - Chhota molla khali ferry ghat	0.50	7,658.90	Passenger traffic, Passenger Freight & Vehicular traffic
9	Namkhana - Benu Ban Ghat	18.50	17,219.35	Passenger traffic, Passenger Freight & Vehicular traffic
10	Narayanpur - Namkhana	0.21	6,561.30	Passenger traffic, Passenger Freight & Vehicular traffic
11	Pakhirala - Sudhanyakhali	4	11,912.75	Passenger traffic, Passenger Freight & Vehicular traffic
12	Ramganga - Khetromohanpur	60.75	15,536.00	Passenger traffic, Passenger Freight & Vehicular traffic
13	Satjellia - Hentalbari Ferry Ghat	0.7	18,425.24	Passenger traffic, Passenger Freight & Vehicular traffic
14	Satjellia - Pakhirala	12	12,548.10	Passenger traffic, Passenger Freight & Vehicular traffic
15	Shona Khali Ferry Ghat 1 - Shonakhali 2	0.18	23,163.30	Passenger traffic, Passenger Freight & Vehicular traffic
16	Passenger Ferry Services from NW-97 to NW-1 vice versa (Unorganised sector)			
	Ghoramara (NW-01-5.5 km) - Lot no. 8 (NW-97-1.5 km)			
17	(Harwood Point)	7	13,297.43	Passenger traffic, Passenger Freight & Vehicular traffic
	Jharkhali (NW97-87 km) - Geonkhali Noorpur (NW1-65 km) Ferry			
18	Service	152	12,001.05	Passenger traffic, Passenger Freight & Vehicular traffic
19	Sagar (NW1-9 km, Mritunjaynagar) ferry ghat - Namkhana (NW97-2 km)	11	9,058.95	Passenger traffic, Passenger Freight & Vehicular traffic
	Total (NW-97)		59,82,568.91	

Details of Cargo Moved on India-Bangladesh Protocol Routes

				Fly Ash, Project cargo/Steel coils/Steel Hot Rolled Plate/Rail/DI Pipes, Mill Rejected Coal/High Ash Coke/Steam Coal/Coal, Red Lentils/Yellow Peas in Bags, Stone chips/Building const. materials, Cement, Rapeseed Extraction/De oil Bran Extraction/White refined Sugar/Red Seed/Soyabean Extraction, Sponge Iron/Quartzite Mould Powder Silico Manganese, Loaded With Crane and Other Equipments, White Sugar & ODC Cargo
1	Traffic of India-Bangladesh Protocol Routes 1,2,3 & 4 through NW-97 (Sunderbans Waterway) during FY 2024-25, as detailed under Sub-Title (C)		45,75,928.47	
2	Traffic of India-Bangladesh Protocol Routes 5 & 6 through Ganga/Padma River during FY 2024-25			
	Ajbela Navigation			
1	Maia Riverine Port (INLGL1), India - Narayanganj, Bangladesh	362	1,700.00	Fly Ash
	Rivering Shipping & Logistics			
2	Maia Riverine Port (INLGL1), India-Sultanganj, Bangladesh	20.50	100.00	Stone Chips
	M/s Regal Container Line Pvt Ltd			
3	Maia Riverine Port (INLGL1), India - Sultanganj, Bangladesh	20.50	100.00	Stone Chips
	Total		45,77,828.47	

Source : Inland Waterways Authority of India (IWAI)

Table 2.3
Infrastructure Facilities Available on National Waterways (As on 31-3-2025)

Place	Size of Vessels that can be accommodated (DWT)	No. of Berths	Cargo Handling Equip. and their Capacity	Type and Extent of Storage Facility Available	Remarks like Road / Rail connectivity, land details, usage etc.
1	2	3	4	5	6
National Waterway No.1					
1. Haldia - Farakka : (560 Km) ,Depth - 2.6 to 3.0					
(i) Haldia	1500	Three(Floating)	Nil	One Godown of size 12 x 30m and Open space 1630 m2	Land taken from Haldia Dock Complex (HDC) on lease basis.
ii) Budge Budge - Kolkata	Nil	Nil	Nil	Nil	Nil
(iii) a) BISP/G.R. Jetty-1,Kolkata	1500	Two (Floating, IWAI: 1 no. + SAPEGIPL: 1 no.)	Nil	Open Space area 6000 m2	
(iii) b) G.R. Jetty-2,Kolkata	3000	Fixed RCC Jetty 71.25 m x 20m berth	Nil	Transit shed of 1186.75 sqm area for storage and open storage area of 4103.20 sqm	A permanent RCC jetty has been constructed and operational since November 2013 for handling of General cargo. This jetty is also used for loading of fly ash to Bangladesh and embark/disembark of tourists and logistics support
(iv) Botanical Garden, Kolkata	1500	One(Floating)	One number of crane pontoon for cargo handling	To be stored on Pontoon	Land belongs to KoPT being used by IWAI and it also used for berthing of cruise vessels. Also two numbers of crane pontoon available for cargo handling.
(v) BTPS Jetty (Tribeni)	1500	Two(Floating)	One number of crane pontoon for cargo handling	Nil	Land belongs to WBPDC and the same has been taken on lease from WBPDC. At present a RCC Yoke stage is constructed at BTPS. Further, the jetty is used for loading of flyash, broken rice and other cargo.
(vi) Shantipur	600	One(Floating)	Nil	To be stored on Pontoon and open space of IWAI's land 2000 Sq. m	Land belongs to State Govt. of W.B. being used by IWAI for embark/disembark of passenger/Tourist, loading/unloading of other logistics support.
(viii) Methari/Swaroopganj	600	One(Floating) Pontoon	Nil	One Godown of size 4.5 x 5 m and Open space 290 m2	Land taken from KoPT on lease basis
(ix) Kalna/Katwa	600	One(Floating)	Nil	To be stored on Pontoon.	Land not available pontoon placed on water front
(x) Hazardwari	600	One (floating)	Nil	To be stored on Pontoon.	Land not available pontoon placed on water front
(xi) Pakur (Putimari)	1500	One(fixed)	Nil	Nil	Owned by Farakka Barrage project(FBP)
(xii) Farakka					
a. D/s Farakka of existing lock gate	1500	One(fixed)	Nil	Nil	Being used for embark/disembark of passenger/Tourist, loading/unloading of other logistics support.
b. U/s Farakka (IWAI's Floating jetties)	600	One(Floating)	Nil	Nil	Being used for embark/disembark of passenger/Tourist, loading/unloading of other logistics support.
c. Owned by Jindal ITF	2500 (two vessels at a time)	Jetty with conveyor	Nil	Nil	Being used for unloading NTPC coal at Farakka Super Thermal Power Station
2. Farakka - Barh : (400 km), Depth- 2.1 to 2.5					
(xiii)Rajmahal (Manglghat)	600	One(Floating)	Nil	To be stored on Pontoon.	Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support.
(xiv) MMT Sahibganj	1500	fixed RCC Jetty of 270m X 25m	1. Mobile harbour crane (1 Nos 50T capacity@ 17-18m outreach. 2. Barge loader with loading capacity of 1200TPH 3. Conveyor system with fixed hopper 1200 TPH 4. 08 front end loaders	Storage shed 130m X 32m, Land area 182.70 acres	a) Being used for loading of stone chips and embark/disembark and logistics support. b) A permanent RCC jetty has been constructed and operational since September 2019 for handling of Cargo.

Table 2.3 Cont...

Infrastructure Facilities Available on National Waterways (As on 31-3-2025)

Place	Size of Vessels that can be accommodated (DWT)	No. of Berths	Cargo Handling Equip. and their Capacity	Type and Extent of Storage Facility Available	Remarks
1	2	3	4	5	6
(xv) Bateshwarsthan	600	One (Floating)	Nil	To be stored on Pontoon.	Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support.
(xvi) Bhagalpur	600	One(floating)	Nil	To be stored on Pontoon and open space of IWA's land 1000 Sq. m, RIS Station	Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support. Road connectivity available, 3.86 Acre land
2. Barh-Ghazipur : (288 km), Depth - 2.0 to 2.5					
(xvii) Patna	1500	Two Fixed RCC Jetty (Low level Jetty 46.6m * 15m, High level Jetty 70m * 20m berth respectively)	Shore Crane-2 with capacity of 01 - 20 MT subject to radius. Container Crane-1 with capacity of 70 MT	45m x 25m Transit shed and open storage area ~ 1000 Sq. m,	Permanent (Low & High) level Jetty. Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support. Road connectivity available, 3.9327 Acre land.
(xviii) IMT Kalughat	3000	1 no. (125m X 30m)	-	Container yard storage area (Open area) 2900sqm, Container handling cap. of 77000 TEU/Annum	IMT Kalughat has been Inaugurated on 15.02.2024, Road connectivity available, 13.17 Acre land, connected to NH
3. Ghazipur-Allahabad : (369 km), Depth -1.5 to 2.2					
* In Chunar- Allahabad stretch (198 km) Only Hy. Survey is being conducted					
(xix) (a) MMT Varanasi	1500	One fixed RCC Jetty of 200m X 35m	Mobile harbour crane (2 Nos 50 MT capacity@ 17-18m outreach.	To be stored on Pontoon and open space of IWA's land 2000 Sq. m,	A permanent RCC jetty has been constructed and operational since November 2018 for handling of Cargo. Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support. Road connectivity available
(b) All Season Passenger Jetty at Varanasi	600	One(floating) 30m X 10m	Nil		Being used for berthing of vessel, embark/disembark of tourist/Passenger
(xx) Ravidas Ghat	600	One(floating)	Nil		Being used for berthing of vessel, embark/disembark, loading/unloading and logistics support.
(xxi) Prayagraj	600	One (floating)	Nil	To be stored on Pontoon and open space of IWA's land 5000 Sq. m	Generator could be provided for lighting whenever required
Note :					
1) Floating jetty (berth) with gangway facility can be shifted and provided at any location along the national waterway on need basis.					
2) 24 hours navigation aids being provided in Haldia-Ballia sector (1140 km) only. Day channel marking being provided in entire of NW-1.					
3) RIS stations between Farakka-Patna & Patna-Varanasi has been commissioned at Manihari, Bhagalpur, Munger, Hatidah, Barh, Patna, Maujampur, Govindpur Khas, Ghazipur, Varanasi.					
4) River Notices & LAD Report are issued on fortnightly basis during lean season and monthly basis during flood season.					

Table 2.3 Cont...		Infrastructure Facilities Available on National Waterways (As on 31-3-2025)				
Place	Size of Vessels that can be accommodated (DWT)	No. of Berths	Cargo Handling Equip. and their Capacity	Type and Extent of Storage Facility Available	Remarks	
1	2	3	4	5	6	
National Waterways No. 2						
1. Bangladesh Border-Pandu: (255 km), Depth - 2.5						
(i) Dhubri	2000	One(Rcc Ro Ro Jetty)	i) one Crane pontoon ii) one tyre mounted crane of 20 T iii) one Conveyor belt	(i) 2 transit sheds of 25 x 15 m each (ii) open storage facility also available	(i) Storage facility is developed (ii) Customs & Immigration Facility is available. Construction of Customs, crew shelter building is under progress. Likely to be completed by Sept 2025. (iii) IWAJ Dhubri port handed over to M/s A to Z Exim for Operation & Maintenance since 25.8.2023. (iv) Weigh Bridge (60T capacity) (v) Conveyor belt construction available	
(ii) Jogighopa	2000	One(Rcc Jetty)	i) one floating pontoon ii) two crane pontoon iii) One Community floating Jetty for tourist / ferry berthing	(i) 1 transit sheds of 80 x 16 m each (ii) open storage facility also available	i) IWT Jogighopa terminal was inaugurated on 18.02.2025 ii) Car/Bike/Truck Parking available iii) Internal road available iv) Boundary wall for extended land is under construction. Scheduled to be completed by Feb 2026	
(iii) Pandu	2000	i) One (low level RCC jetty) ii) One High level RCC jetty iii) Three floating jetty for tourist vessel berthing iv) One Community floating Jetty v) One Cemented Tourist Jetty	i) One Container crane of 25 T capacity ii) One tyre mounted crane of 20 T capacity iii) One crane pontoon of 4T capacity	(i) 2 transit sheds of 75 x 21 m each (ii) open storage facility also available	(i) BG siding is available. (ii) Approach road is available. Alternate approach road connecting from Pandu to NH-27 is under construction (Tentative date of completion is September 2025). (iii) Customs & Immigration Facility is available. (iv) Weigh Bridge (100T capacity) (v) Storage facility developed. (vi) IWAJ Pandu port handed over to M/s A to Z Exim for Operation & Maintenance since 5.9.2023 (vii) 2 nos. Steel ganaway is under construction. To be completed by Aug 2025	
2. Pandu-Neamati : (374 km), Depth - 2.5						
(iv) Tezpur	1000	One Community floating Jetty for tourist / ferry berthing				
(v) Silghat	1000	Two temporary floating jetty for tourist vessel berthing	Pontoon (L-35 x B-8)	Open storage facility available	The berthing pontoon is shifted D/s (about 1 km) as the original terminal land has been eroded	
(vi) Biswanath	1000	One Community floating Jetty for tourist vessel berthing	Pontoon (L-35 x B-8)	Open storage facility available	DGPS station is commissioned.	
(vii) Neamati	1000	st vessel berthing ii) One Community fl	Pontoon (L-35 x B-8)	Open storage facility available		
3. Neamati-Dibrugarh : (123 km), Depth- 1.5						
(viii) Bogibeel	1000	i) One(Rcc Ro Ro Jetty) ii) One temporary floating Jetty for tourist vessel berthing	Pontoon (L-35 x B-8)	i) Open storage facility available ii) 1 transit sheds of 75 x 21 m each	i) Construction of Bogibeel jetty (100m x 20m) completed on 31.12.2024 ii) RCC Jetty (100m x 20m) iii) Admin building, Ticket counter, Passenger waiting hall available iv) Car/Bike/Truck Parking available v) Weigh Bridge available (40Ton capacity) vi) Custom immigration building under construction. Likel to be completed by Sept 2025	
4. Dibrugarh-Sadiya (Oriumghat) : (139 km),Depth - 1.5						
(ix) Bindhakata	1000	One temporary floating jetty for tourist vessel berthing	Pontoon (L-35 x B-8)	-		
(x) Nagaghuli	-	-	-	Open storage facility available. Secured boundary available		
(xi) Guijan	-	One Community floating Jetty for tourist / ferry berthing				
Note:						
1) Floating pontoons can be provided at any location along waterway on demand.						
2) Night navigation facilities are available between Bangladesh Border and Silghat (440km).						
3) River notices issued on regular monthly/fortnightly basis.						

Table 2.3 Cont...

Infrastructure Facilities Available on National Waterways (As on 31-3-2025)

Place	Size of Vessels that can be accommodated (DWT)	No. of Berths	Cargo Handling Equip. and their Capacity	Type and Extent of Storage Facility Available	Remarks
1	2	3	4	5	6
National Waterways No. 3					
1. Kochi-Kottapuram : (30 km), Depth-2.0					
(i) Kottapuram	350.0	One 30m (RCC Jetty)	Nil	Covered storage 300 Sqm and open storage 800 Sqm.	The Terminal godown is leased to Kerala State Warehousing Corporation w.e.f June 2018
2. Udyogmandal Canal : (23 km),Depth -2.0					
(ii) Aluva	350.0	One 30m (RCC Jetty)	Two 18 Tonne crane and one 3 Tonne Fork lift	Covered storage 300 Sqm and open storage 1500 Sqm.	Approach road is available. The Terminal godown is leased to KSWC for 7 years.
3. Champakkara Canal: (14 km), Depth 2.0					
(iii) Ernakulam GC (Maradu)	350.0	One 30 m (RCC Jetty)	Three 18 Tonne crane and Three 3 Tonne Fork lift	Covered godown 300 Sqm and 2000 Sqm Office area.	Approach road is available. Acquisition of land for widening of approach road for 8m width is in progress.
(iv) Kakkanad (CSEZ)	350.0	10 m temporary jetty	Nil	Total extent of land is 1,2234 Hectars out of which 1287 Sq. meters of land is leased to Kochi Water Metro Ltd for 30 years	Approach road is available.
4. Kochi - Chavara: (107 km), Depth 2.0					
(v) Vaikkom	350.0	One 30 m (RCC Jetty)	One 18 Tonne crane and one 3 Tonne Fork lift	Covered godown 300 Sqm and 1200 Sqm Open Storage.	Approach road is available.
(vi) Cherthala (Thanneermukkom)	350.0	One 30 m (RCC Jetty)	One 18 Tonne crane and one 3 Tonne Fork lift	Covered godown 300 Sqm and 1800 Sqm Open Storage.	Approach road is available.
(vii) Alappuzha	350.0	One 30 m (RCC Jetty)	Nil	Covered godown 300 Sqm and 2500 Sqm Open Storage.	Approach road is available.
(viii) Thrikkunnapuzha	350.0	One 30 m (RCC Jetty)	One 18 Tonne crane and one 3 Tonne Fork lift	Covered godown 300 Sqm and 600 Sqm Open Storage.	Approach road is available.
(ix) Kayamkulam	350.0	One 30 m (RCC Jetty)	Nil	Covered godown 300 Sqm and 1600 Sqm Open Storage.	Approach road is available.
(x) Chavara		Nil	Nil (land only)	Nil (land only)	Approach road is available.
5. Chavara - Kollam (31 Km), Depth 2.0					
(xi) Kollam	350.0	One 30 m (RCC Jetty)	One 3 Tonne Fork lift	Covered godown 300 Sqm and 3500 Sqm Office area.	Approach road is available. The Terminal godown is leased to KSWC for 7 years.
6. CPT Area: Depth 2.0					
(xii) Willingdon Island	16 TEU	One berth for container vessels	Nil	Nil	These terminals have been constructed for container movement to ICTT, Vallarpadam, Operation commenced w.e.f. 23.02.2021.
(xiii) Bolghatty Island	16 TEU	One berth for container vessels	Nil		
Channel marks for 24 hrs. navigation are provided on NW 3, NW 8 & NW 9.					
1) Channel marks for 24 hrs navigation provided on the entire waterway.					
2) River notices issued on regular fortnightly basis.					
3) Depth is in meters and about 330 days in a year.					
National Waterways No. 16 (Notified as Class-IV waterway)					
1. Bhanga - Lakhipur : (121 km), Depth - 2.00					
(i) Badarpur	400	one temporary jetty with crane pontoon for Cargo vessel berthing	one crane pontoon	(i) 1 transit sheds of 30 x 16 m (ii) 1 Equipment Shed of 9 m x 5 m (ii) open storage facility also available	(i) Storage facility is developed (ii) Notified as Expended Port of Call of Karimganj terminal under PIWT&T Customs & Immigration Facility is available
(ii) Karimganj (along IBP Route 3,4 & 7,8)	400	One(Rcc Jetty)	-	(i) 1 transit sheds of 85.35 m x 22.97 m (ii) open storage facility also available	(i) Storage facility is developed (ii) Notified as Port of Call under PIWT&T Customs & Immigration Facility is available
Source: Inland Waterways Authority of India (IWAI)					

SECTION – 3

**IWT ACTIVITIES –
STATE-WISE**

1. IWT ACTIVITIES – STATE GOVERNMENT

The number of vessels deployed and number of passenger carried on Inland Waterways across the reporting States is given at Table 9.

State/UT	Number of Vessels				No. of Passengers Carried (in Thousand No.)			
	2021-22	2022-23	2023-24	2024-25	2021-22	2022-23	2023-24	2024-25
Assam	81	81	129	82	4385.95	3155.38	4537.58	4114.96
Bihar	16	16	10	7	0.00	0.00	0.16	0.36
Goa	233	253	277	302	-	-	-	-
Karnataka	-	412	412	122	928.02	1283.79	1076.61	1069.76
Kerala	5248	5892	6679	7063	19224.53	20262.39	19203.25	14495.38
Maharashtra	1440	1503	1543	1700	13667.60	18724.02	18517.30	18377.35
Odisha	66	66	572	199	118.41	118.41	163.42	169.78
West Bengal	2369	551	572	538	136369	29762.61	15008.47	43800.00
Tamil Nadu	-	2	2	2	-	-	-	-
Gujarat	421	286	386	602	-	-	-	-
Uttar Pradesh			4	6		23.86	42.17	60.68
TOTAL (reporting states)	9874	9062	10586	10623	174693.51	73330.46	58548.96	82088.26

Source: State Governments (As per data provided by States).

The total number of vessels in the States during 2024-25 was 10623 compared to 10586 vessels in the year 2023-24. Kerala has reported the highest numbers of vessels 7063 followed by Maharashtra (1700) and Gujarat (602). However, the number of passengers carried in 2024-25 was 82088.26 thousand. West Bengal has reported the highest no. of passengers carried through waterways which was 43800.00 thousand followed by Maharashtra 18377.35 thousand.

Table 3.1

Number of IWT Vessels With Valid Certificate of Survey...By Type (As on 31st March 2025)

Sl. No.	State	Year	Self Propelled					Non-Self Propelled						Grand Total	
			Cargo	Passenger	Cargo cum Passenger	Tugs & Pushers	Total (Col.3 to Col.6)	Dumb Barges	Dumb Tankers	Dumb Flat	Boats	Others @	Total (Col.8 to Col.12)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Assam	2023	0	66	2	4	72	9	0	0	0	0	0	9	81
		2024	0	104	4	9	117	12	0	0	0	0	0	12	129
		2025	0	62	4	7	73	9	0	0	-	0	0	9	82
2	Bihar	2023	2	0	2	12	16	0	0	0	0	0	0	0	16
		2024	0	0	0	10	10	0	0	0	0	0	0	0	10
		2025	0	0	0	7	7	0	0	0	0	0	0	0	7
3	Goa	2023	57	172	18	6	253	-	-	-	-	-	-	0	253
		2024	36	229	-	6	271	6	-	-	-	-	-	6	277
		2025	46	227	-	23	296	6	-	-	-	-	-	6	302
4	Karnataka	2023	-	81	31	-	112	300	-	-	-	-	-	300	412
		2024	-	81	31	-	112	300	-	-	-	-	-	300	412
		2025	-	49	6	-	55	-	-	-	-	67	67	122	
5	Kerala	2023	112	23	6	0	141	28	0	0	5130	593	5751	5892	
		2024	5	64	6	0	75	14	0	0	284	6306	6604	6679	
		2025	8	93	7	0	108	42	0	0	5793	1120	6955	7063	
6	Maharashtra	2023	175	1095	21	108	1399	62	4	33	0	5	104	1503	
		2024	177	1105	23	115	1420	77	8	33	0	5	123	1543	
		2025	195	1192	25	131	1543	96	9	44	0	8	157	1700	
7	Odisha	2023	-	66	-	-	66	-	-	-	-	-	0	66	
		2024	-	-	572	-	572	-	-	-	-	-	0	572	
		2025	-	-	199	-	199	-	-	-	-	-	0	199	
8	West Bengal	2023	125	316	23	58	522	20	5	4	Nil	Nil	29	551	
		2024	128	326	18	62	534	28	6	4	Nil	Nil	38	572	
		2025	120	300	22	54	496	30	5	7	Nil	Nil	42	538	
9	Tamil Nadu	2023	-	-	-	-	-	-	-	-	2	-	2	2	
		2024	-	-	-	-	-	-	-	-	2	-	2	2	
		2025	-	-	-	-	-	-	-	-	2	-	2	2	
10	Gujarat	2023	114	23	0	80	217	41	8	0	8	12	69	286	
		2024	148	28	3	131	310	49	0	1	8	18	76	386	
		2025	40	2	13	274	329	46	0	0	70	157	273	602	
11	Uttar Pradesh	2024	0	2	2	0	4	0	0	0	0	0	0	4	
		2025	0	2	2	2	6	-	-	-	-	-	0	6	
		2023	585	1776	169	268	2798	460	17	37	5140	610	6264	9062	
Grand Total	2024	494	1939	659	333	3425	486	14	38	294	6329	7161	10586		
	2025	409	1927	278	498	3112	229	14	51	5865	1352	7511	10623		

Source : State Governments
 @: Others includes country boats

Table 3.2**Number of Passengers Carried By Inland Water Vessels
(Year Ending 31st March 2025)**

Sl. No.	State	Year	Powered Vessels Employed for passengers (Nos.)	Total No. of passengers carried (000)
1	2	3	4	5
1	Andhra Pradesh	2025	4	-
2	Assam	2021	76	1979
		2022	66	4385.95
		2023	70	3155.38
		2024	108	4537.58
		2025	66	4114.96
3	Bihar	2021	N.A	N.A
		2022	0	0.00
		2023	0	0.00
		2024	11	0.16
		2025	20	0.36
4	Karnataka	2021	37	916.25
		2022	46	928.02
		2023	-	1283.79
		2024	31	1076.61
		2025	33	1069.76
5	Kerala	2021	63	8874.78
		2022	104	19224.53
		2023	103	20262.39
		2024	65	19203.25
		2025	62	14495.38
6	Maharashtra	2021	-	9106.53
		2022	-	13667.60
		2023		18724.02
		2024		18517.30
		2025		18377.35
7	Odisha	2021	11	131.22
		2022	18	118.41
		2023	18	118.41
		2024	18	163.42
		2025	21	169.78
8	West Bengal	2021	378	126980.00
		2022	332	136369.00
		2023	53	29762.61
		2024	45	15008.47
		2025	300	43800.00
9	Uttar Pradesh	2023	3	23.86
		2024	2	42.17
		2025	2	60.68

Source : State Governments
: Not Available-

SECTION – 4

**IWT ACTIVITIES – PRIVATE
COMPANIES/UNDERTAKINGS**

1. PERFORMANCE OF COMPANIES ENGAGED IN IWT

The data received from IWT companies shows that amongst the reporting private companies the maximum cargo of 23060.86 thousand tonnes was carried by JSW Dharamtar Port Pvt. Ltd. followed by PNP Maritime Services Pvt. Ltd (5267.50 thousand tonnes) and Sesa Mining Corporation Ltd (Vedanta Ltd.) (2166.17 thousand tonnes). Detailed performance of companies engaged in IWT activities is given in Table 4.1 & 4.2.

Cargo moved by top 10 reporting private companies along with their number of powered vessels employed in 2024-25 is given in Table 10.

Name of the Company	Cargo moved ('000 tonnes)	No. of Powered Vessels
1. JSW Dharamtar Port Pvt. Ltd.	23060.86	60
2. PNP Maritime Services Pvt. Ltd.	5267.50	23
3. Sesa Mining Corporation Ltd (Vedanta Ltd.)	2166.17	18
4. JSW Steel Ltd. Salav	831.10	7
5. JSW Captive Jetty, Salav	649.41	8
6. Jindal ITF Ltd.	490.20	25
7. Bothra Group	383.14	4
8. TP RoyChowdhury & Co. Pvt. Ltd.	311.27	6
9. Sesa Resources Ltd.	291.04	2
10. Cochin Bunkers Pvt. Ltd.	165.94	6

Source: Private Companies/ Operators engaged in inland water transport activities

Table 4.1

**IWT Vessels With Valid Certificates of Survey-Owned By Responding
Private Companies/Undertakings By Type (As on 31st March 2025)**

Sl. No.	Company/ Undertaking and Year	Self Propelled				Non-Self Propelled (Dumb Barges) (No.)
		Type of vessel		Carrying capacity		
		Cargo (No.)	Passenger (No.)	Cargo(in thousandTonnes)	Passenger(in No.)	
1	2	3	4	5	6	7
1	S.V.Salgaocar					
	2023	1	-	1.32	-	N.A.
	2024	1	-	1.32	-	N.A.
	2025	Nil	Nil	Nil	Nil	Nil
2	V.M.Salgaocar Sales International					
	2023	2	-	2.81	-	N.A.
	2024	2	-	2.81	-	N.A.
	2024	Nil	Nil	Nil	Nil	Nil
3	Sesa Resource Ltd.					
	2023	2	-	2.14	NA	N.A.
	2024	2	-	2.14	NA	N.A.
	2025	2	-	2.14	NA	NA
4	Sesa Mining Corporation Ltd (Vedanta Ltd.)					
	2023	31	1	42.72	88	NA
	2024	21	1	29.33	88	NA
	2025	21	1	29.33	88	NA
5	Jindal ITF Ltd.					
	2023	25	-	-	-	-
	2024	25	-	34.39	-	Nil
	2025	25	-	34.39	-	Nil
6	Kottayam Port and Container Terminal Pvt. Ltd.					
	2023	1	-	0.16	-	Nil
	2024	1	-	0.16	-	Nil
	2025	1	-	0.13	-	1
7	Maharshi Shipping Co.					
	2023	6	-	-	-	-
	2024	4	-	-	-	-
	2025	4	-	-	-	-
8	West Bengal Surface Transport Corporation Ltd					
	2023	3	25	-	-	-
	2024	4	36	-	-	-
	2025	4	36	-	-	-
9	Eastern Navigation (P) Ltd.					
	2023	36	2	-	-	-
	2024	9	-	2.82	-	25
	2025	10	-	2.82	NA	27
10	Assam Bengal Navigation Co. Pvt. Ltd.					
	2023	-	4	-	122	NA
	2024	-	4	-	114	-
	2025	-	4	-	122	-
11	M/s Pennon Shipping Pvt. Ltd.					
	2023	1	-	1.80	Nil	Nil
	2024	1	-	1.80	Nil	Nil
	2025	1	-	1.80	Nil	Nil
12	Ganges Water Transport Co. Pvt. Ltd.					
	2023	2	-	5.31	-	-
	2024	2	-	5.30	-	-
	2024	2	-	4.88	NA	-
13	Krishna Shipping & Logistics					
	2022	4	-	1.99	-	5
	2023	5	-	2.08	-	7
	2025	6	-	2.30	-	7

Table 4.1 Cont...

**IWT Vessels With Valid Certificates of Survey-Owned By Responding
Private Companies/Undertakings By Type (As on 31st March 2025)**

Sl. No.	Company/ Undertaking and Year	Self Propelled				Non-Self Propelled (Dumb Barges) (No.)
		Type of vessel		Carrying capacity		
		Cargo (No.)	Passenger (No.)	Cargo(in thousandTonnes)	Passenger(in No.)	
1	2	3	4	5	6	7
14	JSW Steel Ltd. Salav					
	2023	1	-	0.01	-	-
	2024	1	-	0.01	-	NA
	2025	1	-	0.01	-	NA
15	Finolex Industries Ltd.					
	2023	2	-	0.03	18	NA
	2024	2	-	0.03	18	NA
	2024	2	-	0.03	18	NA
16	Jsw Jaigarh Port Ltd.					
	2023	4	-	21.06	Nil	Nil
	2024	4	-	21.06	Nil	Nil
	2025	Nil	Nil	Nil	Nil	Nil
17	The Fertilizers and Chemicals Travancore Limited					
	2023	1	-	0.42	-	NA
	2024	2	-	0.83	-	NA
	2025	2	-	0.83	-	NA
18	Infrastructure Logistics Pvt. Ltd.					
	2023	4	-	218.60	NA	-
	2024	2	-	110.00	NA	-
	2025	3	-	2.46	-	NA
19	Kerala Shipping & Inland Navigation Co. Ltd.					
	2023	11	5	3.87	784	-
	2024	10	4	3.39	738	-
	2025	14	5	4.77	738	-
20	M/sTimblo Pvt. Ltd.					
	2023	1	1	0.09	14	Nil
	2024	1	1	0.09	14	Nil
	2025	1	1	0.09	14	Nil
21	Backwater Navigation Co.					
	2023	1	-	0.19	-	NA
	2024	1	-	0.19	-	NA
	2025	1	-	0.22	-	NA
22	Adventure Resorts & Cruises Pvt. Ltd.					
	2023	Passenger	2	1.21	64	NA
	2024	Passenger	2	1.21	64	NA
	2025	Passenger	2	1.21	64	NA
23	K.K. Shipping					
	2023	1	-	0.40	Nil	Nil
	2024	1	-	0.43	Nil	Nil
	2025	1	-	0.39	Nil	Nil
24	Inland Coastal Shipping Ltd.					
	2023	2	-	0.60	-	NA
	2024	2	1	0.99	100	NA
	2025	4	-	1.29	100	NA
25	Heritage River Journeys Pvt. Ltd.					
	2023	-	3	-	148	-
	2024	-	3	-	148	-
	2025	-	3	-	148	NA
26	JSW Dharamtar Port Pvt. Ltd.					
	2023	Nil	Nil	Nil	Nil	Nil
	2024	Nil	Nil	Nil	Nil	Nil
	2025	Nil	Nil	Nil	Nil	-

Table 4.1 Cont...

**IWT Vessels With Valid Certificates of Survey-Owned By Responding
Private Companies/Undertakings By Type (As on 31st March 2025)**

Sl. No.	Company/ Undertaking and Year	Self Propelled				Non-Self Propelled (Dumb Barges) (No.)
		Type of vessel		Carrying capacity		
		Cargo (No.)	Passenger (No.)	Cargo(in thousandTonnes)	Passenger(in No.)	
1	2	3	4	5	6	7
27	PNP Maritime Services Pvt. Ltd.					
	2023	20		25.45	NA	NA
	2024	19	-	22.50	NA	NA
	2025	23	-	28.38	NA	NA
28	TP RoyChowdhury & Co. Pvt. Ltd.					
	2023	5	-	9.15	Nil	Nil
	2024	5	-	9.15	Nil	Nil
	2025	6	-	11.03	Nil	Nil
29	M/s Shiny Shipping & Logistics Pvt Ltd					
	2023	2	-	1.37	-	-
	2024	2	-	2.12	-	-
	2025	2	-	2.12	-	-
30	Tisha Navigation					
	2023	Nil	Nil	Nil	Nil	Nil
	2024	Nil	Nil	Nil	Nil	Nil
	2025	Nil	Nil	Nil	Nil	Nil
31	Cochin Bunkers Pvt. Ltd.					
	2023	4	-	1.90	-	NA
	2024	5	-	1.76	NA	-
	2025	6	-	1.76	NA	-
32	M/s Osprey Waterways (India)					
	2023	-	1	-	156	-
	2025	-	1	-	163	-
33	Jungle Travels India Pvt. Ltd					
	2024		2		6	
	2025	-	2	-	6	NA
34	Pacific Navigation					
	2024	2	-	4	-	-
	2025	2	-	2	-	-
35	Tidal Marine Services					
	2024	Nil	Nil	Nil	Nil	Nil
	2025	Nil	Nil	Nil	Nil	Nil
36	Bothra Group					
	2024	4	-	-	-	-
	2025	4	-	-	-	-
37	Heritage River Cruises Pvt. Ltd.					
	2025	-	1	-	40	NA
38	JSW Captive Jetty, Salav					
	2025	1	-	0.01	-	NA
39	The Kerala Minerals and Metals Ltd. (KMML)					
	2025	1	1	0.17	110	NA

Source: Pvt. IWT Companies/Major Operators

Note : This table covers only those IWT Co./Operators from whom the data/reply is received by TRW.

NA- Not Applicable

**Cargo/Passenger Carried And Freight Collected - By Responding Private Companies/ Public Undertakings
(Year Ending 31st March 2025)**

Table 4.2

Sl.No.	Company/Undertaking and Year	Type of Vessels	No. of Powered Vessels	Distance Travelled (Kms)	Freight Collected (Rs.in Lakh)	Cargo Carried		Passenger Carried	
						Cargo (in Tonnes)	TKms (in millions)	Passenger (in No.)	PKms
1	2	3	4	5	6	7	8	9	10
1	S. V. Salgaocar								
	2023	Cargo	1	2637	108.65	107919.97	284.62	NA	-
	2024	Cargo	1	214	9.91	9995.93	2.14	NA	-
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	NA
2	V.M.Salgaocar Sales International								
	2023	Cargo	2	2581	108.82	110077	284.08	NA	-
	2024	Cargo	2	262	12.77	12190	3.19	NA	-
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	NA
3	Sesa Resources Ltd.								
	2023	Cargo	2	5227	Nil	134125.33	701.07	NA	-
	2024	Cargo	2	6112	Nil	175570.77	1073.09	NA	-
	2025	Cargo	2	8133	Nil	291035.99	2367.00	NA	-
4	Sesa Mining Corporation Ltd (Vedanta Ltd.)								
	2022	Cargo/Passenger	21	61135	***	2303667.28	140834.70	NA	-
	2023	Cargo/Passenger	20	61347	Nil	1743256.162	106943.54	NA	-
	2024	Cargo/Passenger	18	41892	Nil	2166167.00	90745.07	NA	-
5	Jindal ITF Ltd.								
	2023	Cargo	25	-	628.36	575000	-	-	-
	2024	Cargo	25	239827.5	-	328950	78891.26	-	-
	2025	Cargo	25	63840	-	490200	31294.37	Nil	-
6	Kottayam Port & Container Terminal Pvt. Ltd.								
	2023	All	1		Nil	Nil	-	Nil	-
	2024	All	1		Nil	Nil	-	Nil	-
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	-
7	Maharshi Shipping Co.								
	2023	Cargo	6	-	217.85	76699	-	-	-
	2024	Cargo	4	-	-	139907	-	-	-
	2025	Cargo	4	-	-	144624	-	-	-
8	W. Bengal Surface Transport Corporation Ltd.								
	2023	Pass./LCT	28	-	415.61	18106*	-	10624800	-
	2024	Pass./LCT	40	-	1350.95	71010*	-	15000000	-
	2025	Pass./LCT	40	-	-	70000*	-	15000000 (approx)	-
9	Eastern Navigation (P) Ltd.								
	2023	Cargo/Tug/Pass.	38	-	612.52	3795	-	8240.00	-
	2024	Cargo/Tug/Pass.	4	5000	500.00	2600	13.00	-	-
	2025	Cargo/Tug/Pass.	2	4000	250.00	800	3.20	NA	-
10	Assam Bengal Navigation Co. Pvt. Ltd.								
	2023	Pass.	10		-	-	-	544	
	2023	Pass.	10	3685	-	-	-	987	3.64
	2025	Pass.	8	2790	-	-	-	1351	3.77
11	M/s Pennon Shipping Pvt. Ltd.								
	2022	Cargo	1	2072	-	33469	69	Nil	-
	2023	Cargo	1	21384	-	25353	542	Nil	-
	2025	Cargo	1	4810	-	79759	383.64	Nil	-
12	Ganges Water Transport Co. Pvt. Ltd.								
	2023	Cargo	2	9432.5	395.60	124788	1177.06	-	-
	2024	Cargo	1	4810	-	79759	383.64	Nil	-
	2025	Cargo	2	10455	484.50	113886	1190.68	Nil	-
13	Krishna Shipping & Logistics*								
	2022	-	-	-	-	-	-	-	-
	2023	-	-	-	-	-	-	-	-
	2025	-	-	-	-	-	-	NA	-

**Cargo/Passenger Carried And Freight Collected - By Responding Private Companies/ Public Undertakings
(Year Ending 31st March 2025)**

Table 4.2 Cont...

Sl.No.	Company/Undertaking and Year	Type of Vessels	No. of Powered Vessels	Distance Travelled (Kms)	Freight Collected (Rs.in Lakh)	Cargo Carried		Passenger Carried	
						Cargo (in Tonnes)	TKms (in millions)	Passenger (in No.)	PKms
1	2	3	4	5	6	7	8	9	10
14	JSW Steel Ltd. Salav								
	2023	Cargo	7	9504	Nil	418395	3976.43	NA	NA
	2024	Cargo	7	18864	Nil	831098	15677.83	NA	NA
	2025	Cargo	7	18864	Nil	831098	15677.83	NA	NA
15	Finolex Industries Ltd.								
	2023	NA	NA	NA	NA	NA	NA	NA	NA
	2024	NA	NA	NA	NA	NA	NA	NA	NA
	2025	NA	NA	NA	NA	NA	NA	NA	NA
16	Jsw Jaigarh Port Ltd.								
	2023	Cargo	4	134663	-	2255580	303742.32	-	-
	2024	Cargo	4	184904	-	3149452	582345.26	-	-
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
17	The Fertilizers and Chemicals Travancore Limited								
	2023	Cargo	1	22838	NA @	64866	1481.41	NA	NA
	2024	Cargo	2	12624	NA @	80412	1015.08	NA	NA
	2025	Cargo	2	13919	NA @	106219	1478.46	NA	NA
18	Infrastructure Logistics Pvt. Ltd.								
	2023	Cargo	4	3477	**	218600	760.07	NA	NA
	2024	Cargo	2	788	**	110000	86.68	NA	NA
	2025	Cargo	3	2310	27.76	24936	57.60	NA	NA
19	Kerala Shipping & Inland Navigation Co. Ltd.								
	2023	Cargo/Passenger	9	13672	282.85	121118	1655.93	1001445	13691.76
	2024	Cargo/Passenger	9	14340	310.66	123730	1774.29	2458436	35253.97
	2025	Cargo/Passenger	9	20942	346.49	135174	2830.81	1381210	28925.30
20	Timblo Pvt. Ltd.								
	2023	Cargo/Passenger	1	593	12.46	120	89.61	-	-
	2024	Cargo/Passenger	2	148	0.96	27	22.40	-	-
	2025	Cargo/Passenger	2	Nil	-	-	-	-	-
21	Backwater Navigation Co.								
	2023	Cargo	1	25489	306.00	68864	1755.27	NA	NA
	2024	Cargo	1	19312	230.00	52192	1007.93	NA	NA
	2025	Cargo	1	14058	181.00	40374	567.58	NA	NA
22	Adventure Resorts & Cruises Pvt. Ltd.								
	2023	Passenger	2		236.67	-	-	315	-
	2024	Passenger	2		380.03	-	-	338	-
	2025	Passenger	2		437.83	-	-	393	-
23	K.K. Shipping								
	2023	Cargo	1	3120	14.50 ^e	3809	11.88	NA	NA
	2024	Cargo	1	3120	NA	4151	12.95	NA	NA
	2025	Cargo	1	3900	NA	4481	17.48	NA	-
24	Inland Coastal Shipping Ltd.								
	2023	Cargo	2	8965	7.12	871	7.81	Nil	Nil
	2024	Cargo/ Passenger	3	12225	90.54	1221	14.93	Nil	Nil
	2025	Cargo	4	2445	86.73	747	1.83	Nil	Nil
25	Heritage River Journeys Pvt. Ltd.								
	2023	Passenger	3		-	-	-	982	
	2024	Passenger	3		-	-	-	1222	
	2025	NA	NA	NA	NA	NA	NA	NA	NA
26	JSW Dharamtar Port Pvt. Ltd.								
	2023	-	60	1065284	-	24296	25882		
	2024	-	60	1164944	-	25144.77	29292		
	2025	Cargo	60	996732	-	23060858	22985495	-	-

**Cargo/Passenger Carried And Freight Collected - By Responding Private Companies/ Public Undertakings
(Year Ending 31st March 2025)**

Table 4.2 Cont...

Sl.No.	Company/Undertaking and Year	Type of Vessels	No. of Powered Vessels	Distance Travelled (Kms)	Freight Collected (Rs.in Lakh)	Cargo Carried		Passenger Carried	
						Cargo (in Tonnes)	TKms (in millions)	Passenger (in No.)	PKms
1	2	3	4	5	6	7	8	9	10
27	PNP Maritime Services Pvt. Ltd.								
	2023	-	-	-	-	3382673	-	NA	-
	2024	-	-	-	-	4842526	-	NA	-
	2025	-	-	-	-	5267497	-	NA	-
28	TP RoyChowdhury & Co. Pvt. Ltd.								
	2022	Cargo	5	18237	-	298288	5439.88	Nil	-
	2023	Cargo	5	561672	-	352112	197771.45	-	-
	2025	Cargo	6	21628	-	311273	6732.21	Nil	-
29	M/s Shiny Shipping & Logistics Pvt Ltd								
	2023	-	-	-	-	-	-	-	-
	2024	-	-	-	-	-	-	-	-
	2025	-	-	-	-	-	-	-	-
30	Tisha Navigation								
	2023	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	2024	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
31	Cochin Bunkers Pvt. Ltd.								
	2023	Cargo	4	34840	498.33	219405	7644.07	-	-
	2024	Cargo	5	30055	466.35	203860	6127.01	-	-
	2025	Cargo	6	22320	436.19	165939.15	3703.76	-	-
32	M/s Osprey Waterways (India)*								
	2023	Passenger	1	-	83	-	-	8000	-
	2025	Passenger	1	110	-	-	-	-	-
33	Jungle Travels India Pvt. Ltd								
	2024	Passenger	2	760	-	-	-	99	0.08
	2025	Passenger	2	760	-	-	-	78	0.06
34	Pacific Navigation								
	2024	Cargo	2	2240	14	55930	125.28	-	-
	2025	Cargo	2	2160	-	3100	6.70	NA	-
35	Tidal Marine Services								
	2024	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	2025	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
36	Bothra Group								
	2024	Cargo	4	-	-	619050	-	-	-
	2025	Cargo	4	-	-	383138	-	-	-
37	Heritage River Cruises Pvt. Ltd.								
	2025	NA	NA	NA	NA	NA	NA	NA	NA
38	JSW Captive Jetty, Salav								
	2025	Cargo	8	15312	Nil	649405	9943.69	NA	-
39	The Kerala Minerals and Metals Ltd. (KMML)								
	2025	Cargo/Passenger	1	1235	-	160767	198.48	NA	-

Source: Pvt. IWT Companies/Major Operators

Note : This table covers only those IWT Co./Operators from whom the data/reply is received by TRW.

* : data relates to no. of vehicles on L.C.T.

** : Cargo sold on FOB Basis

***Rs. Nil Company Owned barges hired to third party

(e) as per USD rate (14.50 USD per MT)

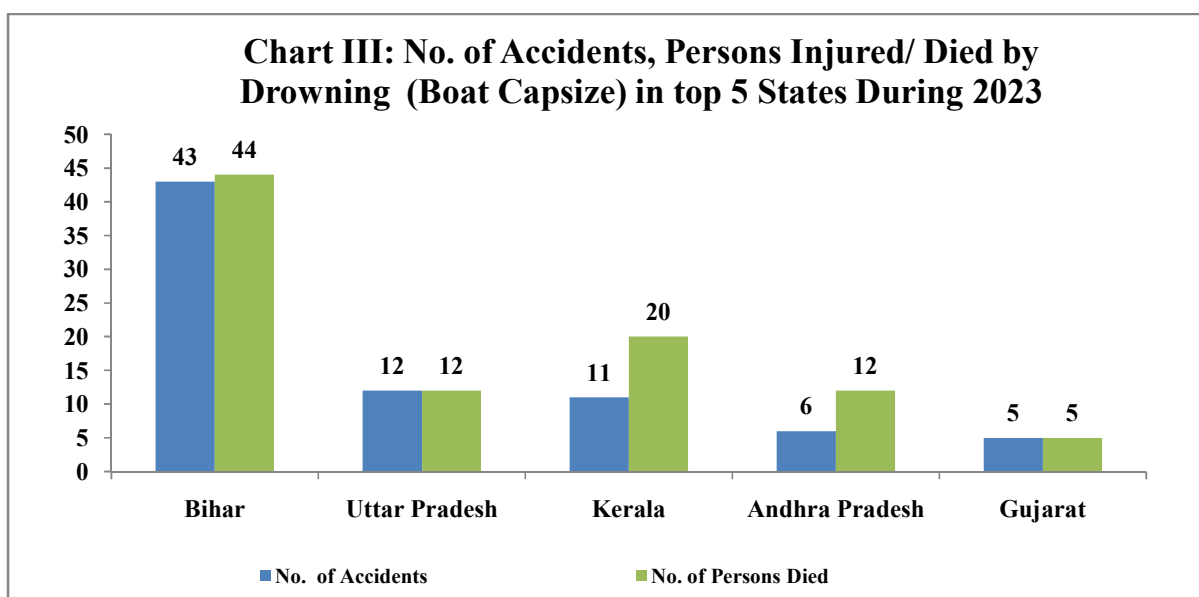
@ : Barge is used for transportation between production division

SECTION – 5

**INLAND WATERWAYS
TRANSPORT ACCIDENTS**

1. INLAND WATERWAYS TRANSPORT ACCIDENTS

The total number of accidents on inland waterways during the year 2023 was 117 out of which 43 were reported in Bihar followed by 12 accidents in Uttar Pradesh and 11 accidents in Kerala. The number of deaths during the year due to boat mishaps was highest in Bihar at 44 followed by 20 in Kerala and 12 in Andhra Pradesh. It is observed that among States (Table 5.1) the number of persons died due to boat mishaps is more than the number of persons injured on waterways unlike in the road accidents. Number of Accidents, persons injured/ died by drowning (boat capsized) for the top five state during 2023 is given below.



Source: Accidental Deaths & Suicides in India- 2023, NCRB, M/o Home Affairs, Govt. of India

Table 5.1 No. of Accidents, Persons Injured And Died by Drowning (Boat Capsize) in States During 2023.

Sl. No.	State/UT	No. of Cases	Drowning (Boat Capsize)							
			No. of Persons Injured				No. of Persons Died			
			Male	Female	Transgenders	Total	Male	Female	Transgenders	Total
1	2	3	4	5	6	7	8	9	10	11
STATES										
1	Andhra Pradesh	6	0	0	0	0	12	0	0	12
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0
3	Assam	6	0	0	0	0	4	2	0	6
4	Bihar	43	0	0	0	0	36	8	0	44
5	Chhattisgarh	0	0	0	0	0	0	0	0	0
6	Goa	0	0	0	0	0	0	0	0	0
7	Gujarat	5	0	0	0	0	5	0	0	5
8	Haryana	0	0	0	0	0	0	0	0	0
9	Himachal Pradesh	0	0	0	0	0	0	0	0	0
10	Jharkhand	4	0	0	0	0	3	1	0	4
11	Karnataka	2	0	0	0	0	2	0	0	2
12	Kerala	11	0	0	0	0	19	1	0	20
13	Madhya Pradesh	1	0	0	0	0	1	0	0	1
14	Maharashtra	3	0	0	0	0	3	0	0	3
15	Manipur	0	0	0	0	0	0	0	0	0
16	Meghalaya	0	0	0	0	0	0	0	0	0
17	Mizoram	0	0	0	0	0	0	0	0	0
18	Nagaland	0	0	0	0	0	0	0	0	0
19	Odisha	0	0	0	0	0	0	0	0	0
20	Punjab	0	0	0	0	0	0	0	0	0
21	Rajasthan	0	0	0	0	0	0	0	0	0
22	Sikkim	0	0	0	0	0	0	0	0	0
23	Tamil Nadu	5	0	0	0	0	5	0	0	5
24	Telangana	0	0	0	0	0	0	0	0	0
25	Tripura	0	0	0	0	0	0	0	0	0
26	Uttar Pradesh	12	0	0	0	0	10	2	0	12
27	Uttarakhand	2	4	3	0	7	1	1	0	2
28	West Bengal	0	0	0	0	0	0	0	0	0
Total(States)		100	4	3	0	7	101	15	0	116
UNION TERRITORIES										
29	Andaman & Nicobar Island	0	0	0	0	0	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	0	0	0
31	Dadra and Nagar Haveli and Daman and Diu	0	0	0	0	0	0	0	0	0
32	Delhi	0	0	0	0	0	0	0	0	0
33	Jammu and Kashmir	1	0	0	0	0	1	0	0	1
34	Ladakh	0	0	0	0	0	0	0	0	0
35	Lakshadweep	0	0	0	0	0	0	0	0	0
36	Puducherry	0	0	0	0	0	0	0	0	0
Total (UTs)		1	0	0	0	0	1	0	0	1
Total States/UTs		101	4	3	0	7	102	15	0	117

Source : Accidental Deaths & Suicides in India - 2023

National Crime Records Bureau, M/o Home Affairs, Govt. of India

Note: The data includes boats plying in all water bodies.

SECTION – 6

TIME SERIES DATA

Table 6.1		Trend in Total Cargo Movement on Waterways	
Year		Total Cargo (in Million Tons)	
1		2	
1990-91		0.36	
1991-92		0.27	
1992-93		0.29	
1993-94		0.70	
1994-95		1.17	
1995-96		0.00	
1996-97		16.80	
1997-98		20.05	
1998-99		17.26	
1999-2000		16.72	
2000-01		22.23	
2001-02		19.77	
2002-03		26.90	
2003-04		32.48	
2004-05		45.58	
2005-06		50.41	
2006-07		55.82	
2007-08		55.88	
2008-09		58.06	
2009-10		67.68	
2010-11		74.30	
2011-12		70.29	
2012-13		23.68	
2013-14		18.07	
2014-15		29.16	
2015-16		41.53	
2016-17		55.47	
2017-18		55.03	
2018-19		72.30	
2019-20		73.64	
2020-21		83.61	
2021-22		108.79	
2022-23		126.15	
2023-24		133.03	
2024-25		145.84	

Source: Inland Waterways Authority of India (IWA)

Table 6.2

Trend in Waterways-wise Cargo Movement

(in Million Tons)

National Waterways (NW)	State/ UT	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
1	2	3	4	5	6	7	8	9	10	11	12	13
NW-1 (Ganga-Bhagirathi-Hooghly River System (Haldia-Allahabad))	U.P., Bihar, Jharkhand, W. Bengal	5.05	6.48	4.89	5.48	6.79	9.11	9.21	10.93	13.17	12.82	16.38
NW-2 (Brahmaputra River (Dhubri-Sadiya))	Assam	0.51	0.60	0.61	0.56	0.49	0.39	0.31	0.43	0.63	0.59	0.90
NW-3 (West Coast Canal)	Kerala	0.96	1.06	1.03	0.42	0.42	0.55	0.73	1.70	3.23	3.29	3.49
NW-4 (Krishna Godavari River Systems)	A.P.					0.45	0.08	6.83	11.23	8.42	4.30	10.40
NW-5 (East Coast Canal And Matai River/Brahmani-Kharsua-Dhamra Rivers/Mahanadi Delta Rivers)	Odisha						0.00		0.02	0.40	0.64	0.38
NW-8 (Alappuzha-Changanassery Canal)	Kerala									0.03	0.04	0.04
NW-9 (Alappuzha-Kottayam Athirampuzha Canal)	Kerala									0.02	0.02	0.03
NW-14 (Baitarni River)	Odisha									0.00	0.00	0.00
NW-16 (Barak River)	Assam						0.00	0.00	0.01	0.01	0.00	0.18
NW-23 (Budha Balanga)	Odisha									0.03	0.02	0.02
NW-31 (Dhansiri/Chathe)	Assam										0.01	0.00
NW-44 (Ichamati River)	West Bengal						0.90	0.28	0.82	0.46	0.48	0.49
NW-48 (Jawai-Luni-Rann Of Kutch River)	Gujarat											2.40
NW-53 (Kalyan-Thane-Mumbai Waterway, Vasai Creek And Ulhas River)	Maharashtra											2.70
NW-64 (Mahanadi River)	Odisha						0.00	0.00	0.02	0.45	0.67	0.40
NW-86 (Rupnarayan River)	West Bengal						0.00	0.00	0.00	0.09	0.10	0.14
NW-94 (Sone River)	Bihar						0.80	0.00	0.00	0.00	1.16	0.97
NW-97 (Sunderbans Waterway)	West Bengal					3.22	3.46	3.86	6.10	5.47	5.19	5.98
Sub Total (National Waterways 1,2,3,4,5,8,9,14,16,23,31,44,48,53,64,86,94,& 97)		6.52	8.14	6.53	6.46	11.38	15.30	21.22	31.24	32.41	29.34	44.91

Table 6.2 Cont..

Trend in Waterways-wise Cargo Movement

(in Million Tons)

National Waterways (NW)	State/ UT	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
1	2	3	4	5	6	7	8	9	10	11	12	13
Maharashtra Waterways												
NW-10 (Amba River)	Maharashtra					22.24	22.01	17.69	20.23	28.54	30.17	29.69
NW-83 (Rajpuri Creek)	Maharashtra					0.85	0.67	0.21	0.23	0.24	0.45	0.27
NW-85 (Revadanda Creek-Kundalika River System)	Maharashtra					1.72	1.59	1.08	0.70	0.50	0.99	0.82
NW-91 (Shastri River - Jaigad Creek System)	Maharashtra					3.53	0.12	9.24	22.45	33.87	37.05	32.64
Total Maharashtra Waterways		22.54	28.85	33.29	25.96	28.34	24.39	28.21	43.61	63.15	68.66	63.41
Goa Waterways												
NW-68 (Mandovi River)	Goa					1.65	1.58	4.00	2.62	2.54	2.42	2.84
NW-111 (Zuari River)	Goa					2.10	1.36	4.47	1.96	0.39	1.10	1.32
Total Goa Waterways		0.10	4.54	15.65	11.09	3.76	2.93	8.46	4.58	2.93	3.52	4.16
Gujarat Waterways												
NW-73 (Narmada River)	Gujarat					0.04	0.10	0.08	0.05	0.04	0.06	0.06
NW-100 (Tapi River)	Gujarat					28.78	30.92	25.63	29.32	27.62	31.46	33.31
Total Gujarat Waterways					11.52	28.82	31.02	25.71	29.37	27.66	31.51	33.36
Grand Total		29.16	41.53	55.47	55.03	72.30	73.64	83.61	108.79	126.15	133.03	145.84

Source: Inland Waterways Authority of India (IWAI)

ANNEXURES

ANNEXURE- I**List of 111 National Waterways**

Sl	NW No.	Length(km)	Detailsof Waterways	STATES
1	NW 1	1620.000	GANGA-BHAGIRATHI-HOOGHLY RIVER SYSTEM (HALDIA - ALLAHABAD)	Uttar Pradesh, Bihar, Jharkhand & West Bengal
2	NW2	891.000	BRAHMAPUTRA RIVER (DHUBRI - SADIYA)	Assam
3	NW3	205.000	WEST COAST CANAL (KOTTAPURAM-KOLLAM), CHAMPAKARAAND UDYOG MANDAL CANALS	Kerala
		169.794	WEST COAST CANAL (KOTTAPURAM - KOZHIKODE)	
4	NW4	50.000	KAKINADA CANAL (KAKINADA TO RAJAHMUNDRY)	Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Pondichery, Chhatisgarh and Maharashtra
		171.000	GODAVARI RIVER (BHADRACHALAM TO RAJAHMUNDRY)	
		139.000	ELURU CANAL (RAJAHMUNDRY TO VIJAYAWADA)	
		157.000	KRISHNA RIVER (WAZIRABAD TOVIJAYAWADA)	
		113.000	COMMAMUR CANAL (VIJAYAWADA TO PEDDAGANJAM)	
		316.000	NORTH BUCKINGHAM CANAL (PEDDAGANJAM TO CENTRAL STATION OF CHENNAI)	
		110.000	SOUTH BUCKINGHAM CANAL(CENTRAL STATION OF CHENNAI TO MARAKANAM)	
		22.000	MARAKANAM TO PUDUCHERRY THROUGH KALUVELLY TANK	
		1201.600	RIVER GODAVARI (BHADRACHALAM - NASHIK)	
		636.200	RIVER KRISHNA (WAZIRABAD - GALAGALI)	
		256.000	EAST COAST CANAL	
			MATAI RIVER	

5	NW5	265.000	BRAHMANI-KHARSUA-DHAMRA RIVERS	Odisha and West Bengal
		67.000	MAHANADI DELTA RIVERS (CONSISTING OF HANSUA RIVER, NUNANALA, GOBRINALA, KHARNASI RIVER AND MAHANADI RIVER)	
6	NW6	68.484	AAI RIVER	Assam
7	NW7	89.573	AJOY (AJAY) RIVER	West Bengal
8	NW8	29.300	ALAPPUZHA- CHANGANASSERY CANAL	Kerala
9	NW9	40.200	ALAPPUZHA-KOTTAYAM ATHIRAMPUZHA CANAL	Kerala Alternateroute:11.5km
10	NW10	44.971	AMBA RIVER	Maharashtra
11	NW11	98.900	ARUNAWATI – ARAN RIVER SYSTEM	Maharashtra
12	NW12	5.500	ASI IVER	Uttar Pradesh
13	NW13	11.300	AVM CANAL	Kerala(2.8km)&Tamil Nadu(8.5km)
14	NW14	48.477	BAITARNI RIVER	Odisha
15	NW15	135.165	BAKRESWAR – MAYURAKSHI RIVER SYSTEM	West Bengal
16	NW16	121.000	BARAK RIVER	Assam
17	NW17	189.000	BEAS RIVER	Himachal Pradesh(40.36km)& Punjab (153.5km)(4.86kmc ommon)
18	NW18	68.900	BEKI RIVER	Assam
19	NW19	67.050	BETWA RIVER	Uttar Pradesh
20	NW20	94.650	BHAVANI RIVER	Tamil Nadu
21	NW21	138.900	BHEEMA RIVER	Karnataka(138.9km) & Telangana(8.66km) (8.66 km common)
22	NW22	155.564	BIRUPA - BADIGENGUTI BRAHMANI RIVER SYSTEM	Odisha
23	NW23	55.896	BUDHA BALANGA	Odisha
24	NW24	60.860	CHAMBAL RIVER	Uttar Pradesh
25	NW25	33.001	CHAPORA RIVER	Goa
26	NW 26	51.072	CHENAB RIVER	Jammu &Kashmir
27	NW27	17.000	CUMBERJUA RIVER	Goa

28	NW28	45.228	DABHOL CREEK-VASHISHTI RIVER SYSTEM	Maharashtra
29	NW29	132.410	DAMODAR RIVER	West Bengal
30	NW30	109.136	DEHING RIVER	Assam
31	NW31	113.752	DHANSIRI / CHATHE	Assam
32	NW32	63.205	DIKHU RIVER	Assam
33	NW 33	61.368	DOYANS RIVER	Assam
34	NW34	136.957	DVCCANAL	West Bengal
35	NW35	107.809	DWAREKESWAR RIVER	West Bengal
36	NW36	119.165	DWARKA RIVER	West Bengal
37	NW37	295.700	GANDAK RIVER	Bihar(255.8km)& Uttar Pradesh(33.68km)and6.22kminNEPAL
38	NW38	62.000	GANGADHAR RIVER	Assam(62km)& West Bengal (17.1km)(17.1kmcommon)
39	NW39	49.143	GANOL RIVER	Assam(31.44km)&Meghalaya (17.56)
40	NW40	353.600	GHAGHRA RIVER	Bihar(90.97km)& Uttar Pradesh(344.83km)(82.2kmcommon)
41	NW41	111.760	GHATAPRABHA RIVER	Karnataka
42	NW42	514.310	GOMTI RIVER	Uttar Pradesh
43	NW43	10.041	GURUPUR RIVER	Karnataka
44	NW44	63.381	ICHAMATI RIVER	West Bengal
45	NW 45	650.100	INDIRA GANDHI CANAL	Punjab (149.48km),Haryana(19.83km)& Rajashtan(480.69km)
46	NW46	34.670	INDUS RIVER	Jammu &Kashmir
47	NW47	130.590	JALANGI RIVER	West Bengal
48	NW48	615.445	JAWAI-LUNI-RANN OF KUTCH RIVER SYSTEM	Gujarat(410.043km)& Rajasthan (205.402km)
49	NW49	110.270	JHELUM RIVER	Jammu &Kashmir
50	NW50	42.576	JINJIRAM RIVER	Assam(42.576km) &Meghalaya(28.246 km) (28.246 km common)

51	NW51	23.171	KABINI RIVER	Karnataka
52	NW52	53.415	KALI RIVER	Karnataka
53	NW53	144.640	KALYAN-THANE-MUMBAI WATERWAY, VASAI CREEK AND ULHAS RIVER SYSTEM	Maharashtra
54	NW 54	86.000	KARAMNASA RIVER	Bihar(86km)& Uttar Pradesh(86km)(86kmcommon)
55	NW55	310.847	KAVERI – KOLLIDAM RIVER SYSTEM	Tamil Nadu
56	NW56	22.104	KHERKAI RIVER	Jharkhand
57	NW57	49.900	KOPI LI RIVER	Assam
58	NW58	233.040	KOSI RIVER	Bihar
59	NW59	18.800	KOTTAYAM-VAIKOM CANAL	Kerala
60	NW60	80.446	KUMARI RIVER	West Bengal
61	NW61	27.870	KYN SHI RIVER	Meghalaya
62	NW62	86.000	LOHIT RIVER	Assam(17.89km)& Arunachal Pradesh (68.11km)
63	NW63	336.350	LUNI RIVER	Rajasthan
64	NW64	426.320	MAHANADI RIVER	Odisha
65	NW65	80.391	MAHANANDA RIVER	West Bengal
66	NW66	246.989	MAHI RIVER	Gujarat
67	NW67	93.500	MALAPRABHA RIVER	Karnataka
68	NW68	41.000	MANDOVI RIVER	Goa
69	NW69	4.750	MANIMUTHARU RIVER	Tamil Nadu
70	NW70	245.000	MANJIRA RIVER	Maharashtra(35.5km) & Telangana(245km)(35.5kmcommon)
71	NW71	26.638	MAPUSA / MOIDE RIVER	Goa
72	NW 72	58.700	NAG RIVER	Maharashtra
73	NW73	226.343	NARMADA RIVER	Maharashtra(38.44km) & Gujarat (226km)(38.44kmcommon)
74	NW74	79.205	NETRAVATHI RIVER	Karnataka
75	NW75	141.704	PALAR RIVER	Tamil Nadu
76	NW76	23.000	PANCHAGANGAVALI(PANCHANGOLI) RIVER	Karnataka
77	NW77	19.508	PAZHYARRIVER	Tamil Nadu

78	NW 78	261.510	PENGANAGA – WARDHA RIVER SYSTEM	Maharashtra(261.51 km)&Telangana(116.1km)(116.1kmcommon)
79	NW79	28.280	PENNNAR RIVER	Andhra Pradesh
80	NW80	126.239	PONNIYAR RIVER	Tamil Nadu
81	NW81	34.610	PUNPUN RIVER	Bihar
82	NW82	58.234	PUTHIMARI RIVER	Assam
83	NW83	30.645	RAJPURI CREEK	Maharashtra
84	NW84	44.276	RAVI RIVER	Jammu&Kashmir(24km),Himachal Pradesh(20.267km) & Punjab(12km)(12kmcommon in J&K-Punand12km in J&K-HP)
85	NW85	30.736	REVADANDA CREEK – KUNDALIKA RIVER SYSTEM	Maharashtra
86	NW86	72.039	RUPNARAYAN RIVER	West Bengal
87	NW87	210.042	SABARMATI RIVER	Gujarat
88	NW88	14.059	SAL RIVER	Goa
89	NW89	45.470	SAVITRI RIVER(BANKOT CREEK)	Maharashtra
90	NW90	28.674	SHARAVATI RIVER	Karnataka
91	NW91	52.020	SHASTRI RIVER – JAIGAD CREEK SYSTEM	Maharashtra
92	NW92	25.619	SILABATI RIVER	West Bengal
93	NW93	62.600	SIMSANG RIVER	Meghalaya
94	NW94	141.000	SONE RIVER	Bihar
95	NW95	106.452	SUBANSIRI RIVER	Assam
96	NW96	310.932	SUBARNREKHA RIVER	Jharkhand(150.48km), West Bengal (95.14km)& Odisha(93.52km)(4.95kmcommoninJhar-WB, 13.06kmin WB-Odiand10.13kminJhar-Odi)
		172.000	SUNDERBANS WATERWAY	West Bengal
		55.823	BIDYA RIVER	West Bengal
		15.207	CHHOTAKALAGACHI(CHHOTOKALERGACHI) RIVER	West Bengal
		6.711	GOMAR RIVER	West Bengal

97	NW97	15.827	HARIBHANGA RIVER	West Bengal
		37.202	HOGLA(HOGAL)-PATHANKHALI RIVER	West Bengal
		8.513	KALINDI(KALANDI) RIVER	West Bengal
		22.465	KATAKHALI RIVER	West Bengal
		98.731	MATLA RIVER	West Bengal
		28.418	MURI GANGA(BARATALA) RIVER	West Bengal
		53.381	RAIMANGAL RIVER	West Bengal
		14.392	SAHIBKHALI(SAHEBKHALI) RIVER	West Bengal
		37.163	SAPTAMUKHI RIVER	West Bengal
		63.865	THAKURRAN RIVER	West Bengal
98	NW98	377.000	SUTLEJ RIVER	Himachal Pradesh (129.42km) & Punjab (247.58km)
99	NW99	62.410	TAMARAPARANI RIVER	Tamil Nadu
100	NW100	436.244	TAPI RIVER	Maharashtra(203.94km) & Gujarat (232.06km)
101	NW101	42.000	TIZU – ZUNGKI RIVERS	Nagaland
102	NW102	87.136	TLWANG(DHALESWARI RIVER)	Assam(23.68km)& Mizoram(65.506km) (2.05kmcommon)
103	NW103	73.250	TONS RIVER	Uttar Pradesh
104	NW104	232.400	TUNGABHADRA RIVER	Karnataka(134.9km), Telangana(97.5km)& AndhraPradesh(158.4 km)(60.9kmcommon in AP- Karn.and97.5kminAP -Telg)
105	NW105	15.211	UDAYAVARA RIVER	Karnataka
106	NW106	20.050	UMNGOT(DAWKI) RIVER	Meghalaya
107	NW107	45.600	VAIGAI RIVER	Tamil Nadu
108	NW108	52.830	VARUNA RIVER	Uttar Pradesh
109	NW109	165.780	WAINGANGA – PRANAHITA RIVER SYSTEM	Maharashtra(165.78 km) & Telangana (114km) (114 km common)

110	NW110	1081.000	YAMUNA RIVER	Delhi (33.6 km), Haryana(100.63 km) & Uttar Pradesh(1016.092 km) (5.27 km common in Del-UP and 65.36 km in Har-UP)
111	NW111	50.000	ZUARI RIVER	Goa
		20186.650		

INFRASTRUCTURE FACILITIES ON NATIONAL WATERWAYS 1, 2 & 3

1. National Waterway – 1: River Ganga-Bhagirathi-Hooghly river system from Haldia to Allahabad, 1620 km:

1. Varanasi MMT

- a. Type of Jetty: Fixed RCC Jetty, 200m*35m
- b. Usage: All types of Cargo & Passenger vessels
- c. Managed by: IWAI, Process for O&M of the terminal by a private operator is in progress
- d. Commodities: Cement, Heavy Industries, Agriculture and horticulture products, Containers, ODC etc.
- e. LAD Range: Varanasi to Saidpur stretch (64 km), 0.8m to 2.2m
- f. Facilities: i. Open Storage is available, Covered storage space is proposed in 2nd Phase. ii. Weighbridge proposed in 2nd phase. iii. Dedicated Truck Parking space proposed in 2nd phase.
- g. Equipment: Two Mobile Harbour Cranes of rated capacity 50 MT each, suitable for handling both bulk and container cargo
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Paved road (dimension: 700m*7.5m)
- j. Distance from the nearest National/ State highway: NH-02 (< 2 km), NH-07 (0.7 km)
- k. Customs notification status: Not notified

2. Assi Ghat, Varanasi

- a. Type of Jetty: Floating Pontoon
- b. Usage: Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: Varanasi to Saidpur stretch (64 km), 0.8m to 2.2m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

3. Rajghat, Varanasi

- a. Type of Jetty: Floating Pontoon
- b. Usage: Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: Varanasi to Saidpur stretch (64 km), 0.8m to 2.2m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

4. Gaighat, Patna

- a. Type of Jetty: Fixed RCC Jetties, 2 nos, High Level Jetty - (70m*20m), Low Level Jetty - (46.6 m*15m)
- b. Usage: All types of Cargo & Passenger vessels including Ro-Ro service
- c. Managed by: IWAI, Process for O&M of the terminal by a private operator is in progress
- d. LAD Range: i. Patna to Mehnar D/S stretch (31 km), 1.4m to 2.5m ii. Patna to Doriganj U/S stretch (45 km), 1.2m to 2.5m

- e. Commodities: Fly Ash, Cement, Stone Aggregates, Containers, Agriculture & Horticulture Products, ODC etc.
- f. Storage facility: Transit shed (45m*25m)
- g. Equipment: One rubber tyre mobile crane of capacity 70 MT and Two 20 MT rubber tyre mobile crane, suitable for handling both bulk and container cargo
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Paved road (dimension: 334 m*7m)
- j. Distance from the nearest National/ State highway: NH-19 (< 1 km), NH-31 & 82 (<51 km)
- k. Customs notification status: Not notified

5. Munger

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: i. Munger to Sultanganj D/S stretch (47 km), 2m to 3m ii. Munger to Mahendra pur U/S stretch (27 km), 1.6m to 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

6. Bhagalpur

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD range: i. Bhagalpur to Kahalgaon D/S stretch (25 km), 2.1m to 3m ii. Bhagalpur to Sultanganj U/S stretch (31 km), 1.8m to 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

7. Bateshwarsthan, Bihar

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: Karagola to Kahalgaon stretch (30 km), 2.1m to 3m
- e. Labour & Manpower: Security available
- f. Nearest Town: Bhagalpur, Sahibganj, Banka, Godda
- g. Customs notification status: Not notified

8. Samdaghat, Sahibganj

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels including Ro-Ro service
- c. Managed by: IWAI
- d. LAD Range: Rajmahal to Manihari stretch (50 km), 2.5m to 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

9. Sahibganj

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: Rajmahal to Manihari stretch (50 km), 2.5m to 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

10. Sahibganj MMT

- a. Type of Jetty: Fixed RCC Jetty, 270m*25m
- b. Usage: All types of Cargo & Passenger vessels
- c. Managed by: IWAI, Process for O&M of the terminal by a private operator is in progress
- d. LAD Range: Rajmahal to Manihari stretch (50 km), 2.5m to 3m
- e. Commodities: Stone aggregates, Coal, Fly Ash, Silica, Sand etc.
- f. Facilities: i. Storage shed (132 m X 30 m), Open storage space: 50,000 sqm ii. Weighbridge available (2 nos.): 60 tonne capacity each iii. Dedicated Truck Parking space available (10,000 sq. m.)
- g. Equipment: i. One Mobile Harbour crane with 50 MT rated capacity, suitable for handling both bulk and container cargo ii. Front end loaders, 8 Nos. iii. Conveyor system with fixed hopper (capacity 1,200 TPH) iv. Barge Loader (capacity 1,200 TPH)
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Paved road (dimension: 1,095m*20m)
- j. Distance from the nearest National/ State highway: NH-33 (< 2 km)
- k. Customs notification status: Not notified

11. Rajmahal, Jharkhand

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels including Ro-Ro Services
- c. Managed by: IWAI
- d. LAD Range: i. Rajmahal to Manihari U/S stretch (50 km), 2.5m to 3m ii. Rajmahal to D/S Farakka Lock Gate stretch (39 km), 2.8m to 3m
- e. Labour & Manpower: Security available
- f. Nearest Town: Sahibganj, Farakka, Malda, Pakur
- g. Customs notification status: Not notified

12. U/S Terminal Ghat, Farakka

- a. Type of Jetty: Floating pontoon
- b. Usage: Bulk cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: Rajmahal to D/S Farakka Lock Gate stretch (39 km), 2.8m to 3m
- e. Commodities: Stone Aggregates, Silica, Sand, Coal
- f. Facilities: Pilot shelter
- g. Equipment: Submersible pump for vessels
- h. Labour & Manpower: Security available
- i. Customs notification status: Notified

13. D/S Terminal Ghat, Farakka

- a. Type of Jetty: Fixed RCC Jetty

- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: i. Rajmahal to D/S Farakka Lock Gate D/S stretch (39 km), 2.8m to 3m ii. Farakka JITF Jetty to D/S Farakka Lock Gate U/S stretch (3 km), 1.5m to 3m
- e. Commodities: Stone Aggregates, Silica, Sand, Coal
- f. Equipment: Submersible pump for vessels
- g. Labour & Manpower: Security available
- h. Customs notification status: Notified

14. Hazarduari Ghat, Berhampore

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: i. Berhampore to Chowrigacha D/S stretch (21 km), 3m ii. Berhampore to Mohammadpur U/S stretch (28 km), 2.7m to 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

15. Matiari, West Bengal

- a. Type of Jetty: Floating pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: Patuli to Katwa stretch (23 km), 2.7m to 3m
- e. Labour & Manpower: Security available
- f. Nearest Town: Katwa
- g. Customs notification status: Not notified

16. Kalna, West Bengal

- a. Type of Jetty: Floating Pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: i. Kalna to Balagarh D/S stretch (23 km), 3m ii. Kalna to Samudragarh U/S stretch (18 km), 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

17. Shantipur

- a. Type of Jetty: Floating Pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: Kalna to Balagarh D/S stretch (23 km), 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

18. BTPS, Tribeni

- a. Type of Jetty: RCC Jetty

- b. Usage: Bulk Cargo & Passenger vessels
- c. Managed by: IWAI d. LAD range: i. Tribeni to Balagarh U/S stretch (28 km), 3m ii. Tribeni to Sagar D/S stretch (193 km), 3m
- e. Equipment: Two nos. Diesel Compressor
- f. Labour & Manpower: Security available
- g. Customs notification status: Notified

19. Botanical Garden, Kolkata

- a. Type of Jetty: Floating Pontoon
- b. Usage: Passenger vessels & Logistics support
- c. Managed by: IWAI
- d. LAD Range: 3m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified

20. BSN/GR Jetty 1, Kolkata

- a. Type of Jetty: Floating Pontoon
- b. Usage: Bulk Cargo vessels incl. Ro-Ro service
- c. Managed by: M/s SAPL
- d. LAD Range: 3m
- e. Commodities: Fly Ash, Coal
- f. Equipment: One Diesel Compressor
- g. Labour & Manpower: 24*7 Security available
- h. Customs notification status: Notified

21. GR Jetty 2, Kolkata

- a. Type of Jetty: Fixed RCC Jetty, 70m*20m
- b. Usage: All types of Cargo vessels
- c. Managed by: M/s SAPL
- d. LAD Range: 3m
- e. Commodities: Fly Ash, Coal, Cement, Steel materials, Stone aggregates, Food grains, Containers, etc. f. Facilities: i. Covered storage space, 1,186 sqm ii. Dedicated Truck Parking space available
- g. Equipment: i. 1 no. Crane 45-120-ton capacity, ii. 2 nos. Electric Compressor, iii. Submersible Pump
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Paved road
- j. Distance from the nearest National/ State highway: NH-117 (< 5 km)
- k. Customs notification status: Notified

22. Haldia Old Fly Ash Jetty (Jetty-1)

- a. Type of Jetty: Floating Pontoon
- b. Usage: Bulk Cargo vessels
- c. Managed by: IWAI
- d. LAD Range: 3m
- e. Commodities: Fly Ash

- f. Storage facility: A Transit Shed Facility (100m X 30m)
- g. Labour & Manpower: Security available
- h. Customs notification status: Notified

23. Haldia Old Terminal (Jetty-2)

- a. Type of Jetty: Floating Pontoon
- b. Usage: Bulk Cargo vessels
- c. Managed by: IWAI
- d. LAD Range: 3m
- e. Commodities: Fly Ash
- f. Labour & Manpower: Security available
- g. Customs notification status: Notified

24. Haldia Old Terminal (Jetty-3)

- a. Type of Jetty: Floating Pontoon
- b. Usage: Bulk Cargo vessels c. Managed by: IWAI
- d. LAD Range: 3m
- e. Commodities: Fly Ash
- f. Labour & Manpower: Security available
- g. Customs notification status: Notified

2. INFRASTRUCTURE FACILITIES ON NATIONAL WATERWAY -2

National Waterway – 2: River Brahmaputra from Dhubri to Sadiya, 891 km:

1. Dhubri (Ch. 32 km)

- a. Type of Jetty: Fixed RCC jetty, 186m*15.6m
- b. Usage: Bulk Cargo and Tourist vessels including Ro-Pax service
- c. Managed by: Under O&M contract (M/s A to Z Exim)
- d. LAD Range: 2.50 m
- e. Admin Building & Customs & Immigration facility is available.
- f. Commodities: Coal, Cement, Stone Aggregates, Food grains, Tea, Jute etc.
- g. Facilities:
 - i. 2 nos. Transit Sheds (25 m x15 m each),
 - ii. Open storage area: 553.90 sq. m.
 - iii. Weighbridge available, one 60 MT capacity
 - iv. Dedicated truck parking space available
 - v. Internal road
- g. Equipment:
 - i. One Shore crane - 20 MT rated capacity
 - ii. Crane not suitable to handle container cargo
- h. Labour & Manpower: 24*7 Security available. For handling of cargo, Labour&Machinery can be arranged by the O&M Agency (M/s AtoZ Exim)
- i. Access Road/ rail connectivity: Bituminous Road
- j. Distance from the nearest National/ State highway: NH-17 (< 2 km)
- k. Customs notification status: Notified
- l. Building for Customs & Immigration is under Construction

2. Jogighopa (Ch. 108 km)

- a. Type of Jetty: 1 nos. Fixed RCC jetty – (70 m x 21m + 30m x 30m)
- b. Usage: Bulk Cargo and Tourist vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Admin Building, Customs & Immigration office, canteen are available.
- f. Commodities: Stone Aggregates, Coal, Cement, Food Grains, Bamboo
- g. Facility:
 - i. Transit Sheds – 1 nos. (60m x 15m)
 - ii. Open storage space: 11375 sq.m
 - iii. Internal Road
- h. Labour & Manpower: 24*7 Security with CCTV is available. For manual handling of cargo, labour and equipment can be arranged by the operator.
- i. Access Road/ rail connectivity: Bituminous Road
- j. Distance from the nearest National/ State highway: NH-17 (<1 km)
- k. Customs notification status: Notified

3. Pandu (Ch. 255 km)

- a. Type of Jetty: Fixed RCC Jetties, 1 nos, High Level Jetty - (50m*20m), 1 no. Low Level Jetty - (50m*20m), 3 nos of steel Gangway jetties are under construction
- b. Usage: All types of Bulk Cargo and Touristvessels
- c. Managed by: Under O&M contract (M/s AtoZ Exim)
- d. LAD Range: 2.5m
- e. Admin Building, Customs & Immigration office, toilet block, canteen are available.

- f. Commodities: Coal, Cement, Stone Aggregates, Food grains, Tea, POL, Jute, Fertilizer, Salt etc.
- g. Facilities:
 - i. 2 nos. Transit Sheds (75 m x 21 m each),
 - ii. Open storage area: 8,273 sq. m.
 - iii. Weighbridge available, 1 no., 100 MT capacity
 - iv. Dedicated truck parking space available
 - v. Internal Road
- h. Equipment:
 - i. Hydraulic shore crane (01 nos.) – 75 ton rated capacity
 - ii. Hydraulic shore crane (01 nos.) – 20 ton rated capacity
- i. Labour & Manpower: 24*7 Security available. For handling of cargo, labour & machinery can be arranged by the O&M Agency (M/s AtoZ Exim)
- j. Access Road/ rail connectivity:
 - i. Bituminous Road
 - ii. Broad Gauge (BG) siding
- k. Distance from the nearest National/ State highway: NH-27 (old NH-31) (<2 km)
- l. Customs notification status: Notified

4. Ujan Bazar (Ch. 264 km)

- a. Type of Jetty: 1 nos. Floating Pontoon
- b. Usage: Cruise/ Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Commodities: Tea, Food Grains, etc.
- f. Labour & Manpower: 24*7 Security available.
- g. Access Road/ rail connectivity: Bituminous Road
- h. Distance from the nearest National/ State highway: MG Road (< 1km)
- i. Customs notification status: No

5. Tezpur (Ch. 423 km)

- a. Type of Jetty: 1 nos. Floating Pontoon (Community Jetty)
- b. Usage: Cruise/ Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Commodities: Tea, Food Grains, Timber, etc.
- f. Labour & Manpower: NA
- g. Access Road/ rail connectivity: Bituminous Road
- h. Distance from the nearest National/ State highway: NH-715 (6 km)
- i. Customs notification status: No

6. Silghat (Ch. 440 km)

- a. Type of Jetty: 2 nos. Floating Pontoon
- b. Usage: Bulk Cargo and Cruise vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Commodities: Tea, Food Grains, Cement, POL, Chemicals, Timber

- f. Labour & Manpower: For manual handling of cargo, labour and equipment can be arranged by the operator.
- g. Access Road/ rail connectivity: Bituminous Road
- h. Distance from the nearest National/ State highway: NH-715 (8 km)
- i. Customs notification status: Notified
- k. Proposed work: Construction of Permanent tourist jetty is under consideration.

7. Biswanathghat (Ch. 470 km)

- a. Type of Jetty: 1 no. Floating Pontoon (Community Jetty)
- b. Usage: Cruise / Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Labour & Manpower: Security available
- f. Customs notification status: Not notified
- g. Proposed work: Construction of Permanent tourist jetty is under consideration.

8. Neamati (Ch. 629 km)

- a. Type of Jetty: 2 nos. Floating Pontoon (1 community jetty)
- b. Usage: Bulk Cargo & Cruise / Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 2.5m
- e. Commodities: Tea, Cement, Food Grains, etc.
- f. Labour & Manpower: Security available
- g. Nearest town: Jorhat
- h. Customs notification status: Not notified
- i. Proposed work: Construction of Tourist cum Cargo terminal is under consideration.

9. Bogibeel (Ch. 739 km)

- a. Type of Jetty: 1 nos. permanent Jetty (100mx20m), 1 nos. Floating RCC Jetty, 1 no. floating pontoon
- b. Usage: Bulk Cargo & Cruise vessels
- c. Managed by: IWAI
- d. LAD Range: 2m
- e. Admin Building, Passenger waiting hall, toilet block, ticket counter, canteen are available.
- f. Facility:
 - i. Transit Sheds – 1 nos. (75m x 21m)
 - ii. Open storage space: 2750 sq.m
 - iii. Weighbridge available, 1 no., 40 MT capacity
 - iv. Internal Road
 - v. Regional Center of Excellence- Proposed under consideration
- g. Labour & Manpower: 24x7 Security available. For manual handling of cargo, labour and equipment can be arranged by the operator.
- h. Nearest town: Dibrugarh
- i. Distance from the nearest National/ State highway: NH-15 (3 km)
- j. Customs notification status: Under Process
- k. Building for Customs & Immigration is under Construction

10. Bindyakata (Ch. 810 km)

- a. Type of Jetty: 1 no. Floating Pontoon (Community Jetty)
- b. Usage: Passenger / Cruise vessels
- c. Managed by: IWAI
- d. LAD Range: 1.5m
- e. Labour & Manpower: NA
- f. Nearest town: Chabua, Dist. Dibrugarh
- g. Distance from the nearest National/ State highway: NH-15 (<15 km)
- h. Customs notification status: Not notified

11. Guijan(Ch. 825 km)

- a. Type of Jetty: 1 no. Floating Pontoon (Community Jetty)
- b. Usage: Passenger / Cruise vessels
- c. Managed by: IWAI
- d. LAD Range: 1.5m
- e. Labour & Manpower:NA
- f. Nearest town: Tinsukia
- g. Customs notification status: Not notified
- h. Proposed work: Construction of Permanent tourist jetty is under consideration.

3. INFRASTRUCTURE FACILITIES ON NATIONAL WATERWAY NO.3

1. Aluva

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Fertilizers, Chemicals, Minerals, Zinc
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 4000 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: Old NH-17 (600m)
- k. Nearest town: Kochi, Ernakulam, Kakkanad
- l. Customs notification status: Not Notified

2.CSEZ (Kakkanad)

- a. Type of Jetty: Temporary berthing jetty
- b. Managed by: IWAI
- c. LAD Range: 1m to 2m
- d. Commodities: Fertilizers, POL
- e. Storage facility: Nil
- f. Equipment: Nil
- g. Labour & Manpower: Security available. For manual handling of cargo, labour can be arranged by the operator.

3. Maradu

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Fertilizers, POL
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 2000 sqm
- g. Equipment: i. 2 nos. mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Paved road
- j. Distance from the nearest National/ State highway: NH-66 (400m)
- k. Nearest town: Kochi, Ernakulam
- l. Customs notification status: Not Notified

4.Vaikkom

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels

- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Coir
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 800 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: SH-15 (1.8 km)
- k. Nearest town: Cherthala
- l. Customs notification status: Not Notified

5.Thannermukkom

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Coir
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 2000 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: SH-40 (200m)
- k. Nearest town: Cherthala
- l. Customs notification status: Not Notified

6.Alappuzha

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Coir, Rubber
- f. Storage facility: i. Covered storage - 300 sqm, ii. Open Storage 2000 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: NH-66 (3 km)
- k. Customs notification status: Notified

7. Thrikunnappuzha

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI

- d. LAD Range: 1m to 2m
- e. Commodities: Coir
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 800 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: NH-66 (5.80 km)
- k. Nearest town: Haripad
- l. Customs notification status: Not Notified

8. Kayamkulam

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Minerals
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 2000 sqm
- g. Equipment: i. One mobile hydraulic crane of capacity 18 MT, suitable to handle container cargo ii. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: NH-66 (6.5km)
- k. Customs notification status: Not Notified

9. Kollam

- a. Type of Jetty: Fixed RCC jetty, 30m*7m
- b. Usage: Bulk Cargo and Passenger vessels
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Commodities: Minerals
- f. Storage facility: i. Covered storage - 300 sqm ii. Open Storage 2000 sqm
- g. Equipment: i. One forklift of capacity 3 MT
- h. Labour & Manpower: 24*7 Security available. For manual handling of cargo, labour can be arranged by the operator.
- i. Access road/ rail connectivity: Bituminous road
- j. Distance from the nearest National/ State highway: NH-66 (2 km)
- k. Customs notification status: Not Notified

10. Chavara

- a. Type of Jetty: Land only
- b. Managed by: IWAI
- c. LAD Range: 1m to 2m

11. Bolgatty Island

- a. Type of Jetty: Ro-Ro/Lo-Lo Landing Point (50m*17m)
- b. Usage: Ro-Ro Service
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Facilities: Dedicated truck parking space
- f. Access road/ rail connectivity: Bituminous road
- g. Distance from the nearest National/ State highway: Container Road, Ernakulam (200 m)
- h. Customs notification status: Not Notified

12. Willingdon Island

- a. Type of Jetty: Ro-Ro/Lo-Lo Landing Point (50m*12m)
- b. Usage: Ro-Ro Service
- c. Managed by: IWAI
- d. LAD Range: 1m to 2m
- e. Access road/ rail connectivity: Bituminous road
- f. Distance from the nearest National/ State highway: Old NH-47 (4 km)
- g. Customs notification status: Not Notified

ANNEXURE- III**List of Operational National Waterways in 2024-25**

S.No.	NW No.	NWs Name
1	NW-1	Ganga-Bhagirathi-Hooghly River System (Haldia-Allahabad)
2	NW-2	Brahmaputra River (Dhubri-Sadiya)
3	NW-3	West Coast Canal
4	NW-4	Krishna Godavari River Systems
5	NW-5	East Coast Canal And Matai River/Brahmani-Kharsua-Dhamra Rivers/Mahanadi Delta Rivers
6	NW-8	Alappuzha-Changanassery Canal
7	NW-9	Alappuzha-Kottayam – Athirampuzha Canal
8	NW-10	Amba River
9	NW-14	Baitarni River
10	NW-16	Barak River
11	NW-23	Budha Balanga
12	NW-31	Dhansiri/Chathe
13	NW-44	Ichamati River
14	NW-48	Jawai-Luni-Rann Of Kutch River
15	NW-53	(Kalyan-Thane-Mumbai Waterway, Vasai Creek And Ulhas River)
16	NW-64	Mahanadi River
17	NW-68	Mandovi River
18	NW-73	Narmada River
19	NW-83	Rajpuri Creek
20	NW-85	Revadanda Creek-Kundalika River System
21	NW-86	Rupnarayan River
22	NW-91	Shastri River - Jaigad Creek System
23	NW-94	Sone River
24	NW-97	Sunderbans Waterway
25	NW-100	Tapi River
26	NW-111	Zuari River

APPENDIX

ABBREVIATION

IWT	Inland Water Transport
Kms.	Kilometers
M.T.	Metric Tonnes
CIWTC	Central Inland Water Transport Corporation
IWAI	Inland Waterways Authority of India
KSINC	Kerala Shipping & Inland Navigation Corporation
H.P.	Horse Power
H.F.	Harbor Freight
POL	Petroleum Oil Lubricant
ODC	Over Dimensional Cargo
LAG	Liquified Ammonia Gas
FO	Furnace Oil
LDO	Light Diesel Oil
GC/G Cargo	General Cargo
Neg/N	Negligible
FBP	Farakka Barage Project
IOC	Indian Oil Corporation
HSD	High Speed Diesel
LCT	Loaded Carriage Tug
FACT	Fertilisers and Chemicals Travancore Ltd.
