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The National Waterways Act, 2016

(ACT NO. 17 OF 2016)

[*As on the* 1*st July*, 2026]

LIST OF ABBREVIATIONS USED

G.S.R.	*for*	General Statutory Rules.
S.O.	,,	Statutory Order.
Notifn.	,,	Notification.

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THE NATIONAL WATERWAYS ACT, 2016

ARRANGEMENT OF SECTIONS

SECTIONS

1. Short title and commencement.
2. Existing national waterways and declaration of certain inland waterways as national waterways.
3. Declaration as to expediency of control and development by Union of waterways specified in Schedule for certain purposes.
4. Amendment of section 2 of Act 82 of 1985.
5. Repeal of certain enactments and saving.

THE SCHEDULE.

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THE NATIONAL WATERWAYS ACT, 2016

ACT NO. 17 OF 2016

[25*th March*, 2016.]

An Act to make provisions for existing national waterways and to provide for the declaration of certain inland waterways to be national waterways and also to provide for the regulation and development of the said waterways for the purposes of shipping and navigation and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Sixty-seventh Year of the Republic of India as follows:—

1. Short title and commencement.—(*1*) This Act may be called the National Waterways Act, 2016.

(*2*) It shall come into force on such date[1] as the Central Government may, by notification in the Official Gazette, appoint.

2. Existing national waterways and declaration of certain inland waterways as national waterways.—(*1*) The existing national waterways specified at serial numbers 1 to 5 in the Schedule along with their limits given in column (3) thereof, which have been declared as such under the Acts referred to in sub-section (*1*) of section 5, shall, subject to the modifications made under this Act, continue to be national waterways for the purposes of shipping and navigation under this Act.

(*2*) The regulation and development of the waterways referred to in sub-section (*1*) which have been under the control of the Central Government shall continue, as if the said waterways are declared as national waterways under the provisions of this Act.

(*3*) The inland waterways specified at serial numbers 6 to 111 in the Schedule along with their limits given in column (3) thereof are hereby declared to be national waterways for the purposes of shipping and navigation.

3. Declaration as to expediency of control and development by Union of waterways specified in Schedule for certain purposes.—Save as provided in sub-sections (*1*) and (*2*) of section 2, it is hereby declared that it is expedient in the public interest that the Union should take under its control the regulation and development of the waterways specified in the Schedule for the purposes of shipping and navigation to the extent provided in the Inland Waterways Authority of India Act, 1985 (82 of 1985).

4. Amendment of section 2 of Act 82 of 1985.—In the Inland Waterways Authority of India Act, 1985, in section 2, for clause (*h*), the following clause shall be substituted, namely:—

'(*h*) "national waterway" means the inland waterway declared by section 2 of the National Waterways Act, 2016, to be a national waterway.

Explanation.—If Parliament declares by law any other waterway to be a national waterway, then, from the date on which such declaration takes effect, such other waterway—

(*i*) shall also be deemed to be a national waterway within the meaning of this clause; and

(*ii*) the provisions of this Act shall, with necessary modifications (including modification for construing any reference to the commencement of this Act as a reference to the date aforesaid), apply to such national waterway;'.

5. Repeal of certain enactments and saving.—(*1*) The following Acts, namely:—

(*a*) the National Waterway (Allahabad-Haldia Stretch of the Ganga Bhagirathi-Hooghly River) Act, 1982 (49 of 1982);

(*b*) the National Waterway (Sadiya-Dhubri Stretch of Brahmaputra River) Act, 1988 (40 of 1988);

1. 12th April, 2016, *vide* notifn. No. S.O. 1384 (E), dated 11th April, 2016, *see* Gazette of India, Part II, sec. 3(*ii*).

(*c*) the National Waterway (Kollam-Kottapuram Stretch of West Coast Canal and Champakara and Udyogmandal Canals) Act, 1992 (25 of 1992);

(*d*) the 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 (23 of 2008); and

(*e*) the 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 (24 of 2008),

are hereby repealed.

(*2*) Notwithstanding such repeal, anything done or any action taken under the Acts referred to in sub-section (*1*), in so far as they are in conformity with the provisions of this Act, shall be deemed to have been done or omitted to be done or taken or not taken under the provisions of this Act.

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THE SCHEDULE

(*See* section 2)

Sl. No.	National Waterways	Limits of the National Waterways
(1)	(2)	(3)
1.	National Waterway 1	Allahabad-Haldia Stretch of the Ganga—Bhagirathi-Hooghly Rivers with the following limits, namely:— From road bridge at Allahabad across the river Ganga, about 2 kilometres upstream of the confluence of the rivers Ganga and Yamuna at Triveni to the inland waterway limit on the tidal waters of the river Hooghly from a line drawn between No. 1 Refuge house at the entrance to Baratola river commonly called channel creek, to a position 2.5 kilometres due south of Saugor lighthouse, and then connected to the right or south bank at the entrance to the Hijili or Russulpore river, through river Ganga, lock canal and feeder canal at Farakka, river Bhagirathi and river Hooghly.
2.	National Waterway 2	Sadiya-Dhubri Stretch of Brahmaputra River with the following limits, namely:— From a line drawn across the Brahmaputra river from the point on the north bank of the Kundil river at its confluence with the Brahmaputra river near Sadiya to the beginning of the river island Majuli and therefrom through all the channels of the Brahmaputra river on either side of the river island Majuli up to the end of the river island Majuli and then up to the international border down stream of Dhubri.
3.	National Waterway 3	Kollam-Kozhikode Stretch of West Coast Canal and Champakara and Udyogmandal Canals with the following limits, namely:— The northern limit of the West Coast Canal shall be Kozhikode at Lat 11°13’39”N, Lon 75°46’44”E and the southern limit shall be a line drawn across the Ashtamudi KayaI at a distance of 100 metres south of Kollam jetty. The Champakara Canal starting from the confluence with the West Coast Canal and ending at the railway bridge (railway siding for Cochin Oil Refinery) near Fertilisers and Chemicals Travancore Limited, boat basin. The Udyogmandal Canal starting from the confluence with West Coast Canal and ending at the Padalarn road bridge (Eloor-Edayar).

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(1)	(2)	(3)
4.	National Waterway 4	Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank, Nashik-Bhadrachalam-Rajahmundry Stretch of River Godavari and Bridge near village Galagali-Wazirabad-Vijayawada Stretch of River Krishna with the following limits, namely:— *Kakinada-Puducherry canal* (Canal system consisting of Kakinada canal, Eluru canal, Commamur canal and North Buckingham canal, portion of the Coovum river linking North and South Buckingham canals, South Buckingham canal and Kaluvelly tank) Northern limit: A line drawn across the Kakinada canal parallel to the Jagannadhapuram road bridge, Kakinada at a distance of 500 metres down stream at Lat 16° 56' 24" N, Lon 82° 14'20"E; Southern limit: Junction of East Coast Highway and Chinnakalawari-Kanakachettikulam road at Kanakachettikulam which is the end point of the artificial canal link to Kaluvelly tank at Lat 20° 0' 07" N, Lon 79° 52' 12" E. *River Godavari* Western limit: Road bridge on Mumbai-Agra Highway at Nashik across river Godavari at Lat 20° 0' 07" N, Lon 73° 48' 12" E; Eastern limit: Sir Arthur Cotton barrage across river Godavari at Dowlaiswaram, Rajahmundry at Lat 16° 56' 05" N, Lon 81° 45' 32" E. *River Krishna* Western limit: Bridge near village Galagali Lat 16°25' 28" N, Lon 75°26'19" E. Eastern limit: Prakasam barrage across river Krishna at Vijayawada at Lat 16° 30' 18" N, Lon 80° 36' 23" E.
5.	National Waterway 5	Talcher-Dhamra Stretch of Brahmani-Kharsua-Tantighai-Pandua Nala-Dudhei Nala-Kani Dhamra-river system, Geonkhali-Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers with the following limits, namely:— *East Coast Canal and Matai river* (Consisting of old Hijli tidal canal, Orissa coast canal and Matai river) Northern limit: Confluence point of Hooghly river and Hijli tidal canal at Geonkhali at Lat 22°12' 20" N, Lon 88° 03' 07" E; Southern limit: Confluence of Matai river and Dhamra river near Dhamra Fishing harbour at Lat 20° 47' 42" N, Lon 86° 53' 03" E.

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(1)	(2)	(3)
		Brahmani-Kharsua-Dhamra river system (Consisting of Brahmani-Kharsua-Tantighai-Pandua Nala-Dudhei Nala-Kani-Dhamra rivers) North-Western limit: Samal barrage across river Brahmani, Talcher at Lat 21º 04' 26" N, Lon 86º 08' 05" E; South-Eastern limit: An imaginary line drawn across Dhamra river at East Point of Kalibhanj Dian Reserved Forest near Chandnipal at Lat 20º46' 26" N, Lon 86º 57' 15" E. *Mahanadi delta rivers* (Consisting of Hansua river, Atharabanki Creek, Nuna nala, Gobri nala, Kharnasi river and Mahanadi river) (Alternate route-Hansua river enters into Bay of Bengal through northern point of False point bay, then enters river Kharnasi at southern end of False point bay, river Atharabanki, a northernly distributory of river Mahanadi) Northern limit: Confluence of Kharsua river with Brahmani river at Ramchandrapur at Lat 20º 36' 55"N, Lon 86º 45' 05" E; Southern limit: An imaginary line in continuation to the Northern break water structure across the entrance channel at Paradip Port at Lat 20º15' 38"N, Long 86º' 40' 55" E.
6.	National Waterway 6	*Aai River:* Upstream of Bridge at Adalguri No. 3 at Lat 26º33'32"N, Lon 90º34'01"E to confluence with Brahmaputra river at Lat 26º12'50"N, Lon 90º36'24"E (4.7km upstream of Naranarayan Setu at Jogighopa).
7.	National Waterway 7	*Ajoy (Ajay) River:* Bridge on Morgram-Panagarh State Highway No. 14 at Illambazar Lat 23º36'56"N, Lon 87º31'58"E to confluence of river Ajoy with river Bhagirathi at Lat 23º39'23"N, Lon 88º07'57"E at Katwa.
8.	National Waterway 8	*Alappuzha-Changanassery Canal*: Boat Jetty, Alappuzha at Lat 9º30'03"N, Lon 76º20'37"E to Changanassery Jetty at Lat 9º26'42"N, Lon 76º31'42"E.
9.	National Waterway 9	*Alappuzha-Kottayam Athirampuzha Canal*: Boat Jetty, Alappuzha at Lat 9º30'03"N, Lon 76º20'37"E to Athirampuzha market Lat 9º40'04"N, Lon 76º31'54"E.

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(1)	(2)	(3)
10.	National Waterway 10	*Amba River*: Arabian Sea, Dharamtaar creed near village Revas at Lat 18º50'15"N, Lon 72º56'31"E to a Bridge near Nagothane ST Stand at Lat 18º32'20"N, Lon 73º08'0"E.
11.	National Waterway 11	*Arunawati Aran River System*: Bridge on State Highway No. 211 at Lat 20º13'33"N, Lon 77º33'23"E to confluence of Arunawati and Aran rivers near Ratanapur village at Lat 19º59'31"N, Lon 78º09'38"E to confluence of Aran and Penganga rivers near Chimata village at Lat 19º54'08"N, Lon 78º12'36"E.
12.	National Waterway 12	*Asi River*: Ganga river confluence at Assi Ghat, Varanasi at Lat 25º17'19"N, Lon 83º 0'25"E to near Newada, Varanasi at Lat 25º16'37"N, Lon 82º 58'18"E.
13.	National Waterway 13	*AVM Canal*: Poovar Beach at Lat 8º18'30"N, Lon 77º04'45"E to Erayumanthurai Bus Stop at Lat 8º14'54"N, Lon 77º09'34"E.
14.	National Waterway 14	*Baitarni River*: Dattapur village at Lat 20º51'45"N, Lon 86º 33'30"E to confluence with Dhamra river near Laxmiprasad Dia at Lat 20º45'13" N, Lon 86º 49'15"E.
15.	National Waterway 15	*Bakreswar Mayurakshi River System*: Bakreswar river from Nil Nirjan Dam at Lat 23º49'31"N, Lon 87º24'59"E to confluence of Bakreswar and Mayurakshi rivers near Talgram village at Lat 23º 51'58"N, Lon 88º02'21"E. Mayurakshi river from Talgram village to confluence with Dwarka river near Dakshin Hijal village at Lat 23º 58'22"N, Lon 88º09'21"E.
16.	National Waterway 16	*Barak River*: Lakhipur Ferry Ghat Lat 24º47'18"N, Lon 93º01'16"E to Tuker Gram Lat 24º52'34"N, Lon 92º29'21"E.
17.	National Waterway 17	*Beas River*: Talwara Barrage at Lat 31º57'22"N, Lon 75º53'37"E to confluence of Beas and Sutlej rivers near Harike at Lat 31º09'09"N, Lon 74º58'08"E.
18.	National Waterway 18	*Beki River*: Elenagamari Lat 26º38'37"N, Lon 90º59'02"E to Brahmaputra confluence at Lat 26º14'24"N, Lon 90º47' 21"E.

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(1)	(2)	(3)
19.	National Waterway 19	*Betwa River*: Rirwa Buzurg Dariya at Lat 25º54'17"N, Lon 79º45'06"E to confluence of Betwa and Yamuna rivers near Merapur Daria village at Lat 25º55'11"N, Lon 80º13'08"E.
20.	National Waterway 20	*Bhavani River*: Bhavani Sagar Dam, Sathyamangalam at Lat 11º28'16"N, Lon 77º06'49"E to confluence of Bhavani and Kaveri rivers at Kaveri river bridge on Salem-Coimbatore Highway: "National Highway-47 Lat 11º25'54"N, Lon 77º41'02"E.
21.	National Waterway 21	*Bheema River*: Barrage (approx 1 km. from Hippargi village) at Lat 17º09'05"N, Lon 76º46'34"E to confluence of Bheema and Krishna rivers at Gundloor Lat 16º24'28"N, Lon 77º17'13"E.
22.	National Waterway 22	*Birupa Badi Genguti Brahmani River System*: Birupa Barrage at Choudwar at Lat 20º30'49"N, Lon 85º55'20"E to Confluence of Birupa and Brahmani rivers near Upperkai Pada village at Lat 20º37'36"N, Lon 86º24'19"E including alternative route from, Samaspur village Lat 20º35'41"N, Lon 86º06'32"E to near Kharagpur village Lat 20º38' 28"N, Lon 86º17'32"E. Bramani river from confluence of Birupa and Brhmani rivers near Upperkai Pada village at Lat 20º37'36"N, Lon 86º24'19"E to Bramani river at Katana Lat 20º39'26"N, Lon 86º44'53"E.
23.	National Waterway 23	*Budha Balanga River*: Barrage (approx 300m from Patalipura village) at Lat 21º38'13"N, Lon 86º50'53"E to confluence of Budha Balanga river with Bay of Bengal at Chandipur Fishing Port Lat 21º28'12"N, Lon 87º04'12"E.
24.	National Waterway 24	*Chambal River*: Chambal road bridge on National Highway-92 Lat 26º41'56"N, Lon 78º56'09"E to confluence of Chambal and Yamuna rivers at Charakpura village Lat 26º29'30"N, Lon 79º15'01"E.
25.	National Waterway 25	*Chapora River*: Bride at State Highway No. 124 (1 Km. from Maneri village) Lat 15º'42'47"N. Lon 73º57'23"E to Confluence of Chapora river with Arabian Sea at Morjim Lat 15º36'33"N, Lon 73º44'01"E.
26.	National Waterway 26	*Chenab River*: Chenab road bridge at Lat 33º05'07"N, Lon 74º48'06"E to Bridge near Bhardakalan at Lat 32º48'12"N, Lon 74º34'53"E.

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(1)	(2)	(3)
27.	National Waterway 27	*Cumberjua River*: Confluence of Cumberjua and Zuvari rivers near Cortalim ferry terminal Lat 15°24'40"N, Lon 73°54'48"E to confluence of Cumberjua and Mandovi rivers near Sao Martias Vidhan Parishad Lat 15°31'26"N, Lon 73°55'34"E.
28.	National Waterway 28	*Dabhol Creek Vashishti River*: Arabian Sea at Dabhol Lat 17°34'51"N, Lon 73°09'18"E to bridge at Pedhe Lat 17°32'39"N, Lon 73°30'36"E.
29.	National Waterway 29	*Damodar River*: Krishak Setu, Bardhman on State Highway No. 8 at Lat 23°12'40"N, Lon 87°50'54"E to confluence with Hooghly river near Purbha Basudebpur at Lat 22°21'01"N, Lon 88°05'19"E.
30.	National Waterway 30	*Dehing River*: Rail Bridge at Merbil Majuli No. 1 Lat 27°19'25"N, Lon 95°18'45"E to confluence of Dehing and Brahmaputra rivers near village Lachan at Lat 27°15'10"N, Lon 94°40'01"E.
31.	National Waterway 31	*Dhansiri/Chathe River*: Bridge near Morongi T.E. village Lat 26°24'41"N, Lon 93°53'47"E to Numaligarh Lat 26°42'01"N, Lon 93°35'15"E.
32.	National Waterway 32	*Dikhu River*: Bridge at Nazira on State Highway No 1 Lat 26°55'18"N, Lon 94°44'27"E to confluence of Dikhu and Brahmaputra rivers at Lat 26°59'58"N, Lon 94°27'42"E.
33.	National Waterway 33	*Doyans River*: Bridge near Sialmari Lat 26°10'47"N, Lon 93°59'10"E to confluence of Doyans and Subansiri rivers at Lat 26°26'53"N, Lon 93°57'12"E.
34.	National Waterway 34	*DVC Canal*: Durgapur Barrage Lat 23°28'47"N, Lon 87°18'19"E to Confluence point of DVC canal with Hoogly river near Tribeni Lat 23°0'31"N, Lon 88°24'55"E.
35.	National Waterway 35	*Dwarakeswar River*: Bridge near Abantika Lat 23°06'55"N, Lon 87°18'47"E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22°40'17"N, Lon 87°46'43"E.
36.	National Waterway 36	*Dwarka River*: Bridge at Tarapith at Lat 24°06'58"N, Lon 87°47'51"E to confluence with Bhagirathi river near Maugram village at Lat 23°43'53"N, Lon 88°10'51"E.

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(1)	(2)	(3)
37.	National Waterway 37	*Gandak River*: Bhaisaslotal Barrage near Triveni Ghat at Lat 27°26'22"N, Lon 83°54'24"E to Gandak and Ganga rivers confluence at Hajipur Lat 25 39°18'N, Lon 85°10'28"E.
38.	National Waterway 38	*Gangadhar River*: Pakriguri Bridge on National Highway-31C at Lat 26°27'30"N, Lon 89°51'25"E to Bangladesh Border at Binnachara Point III Lat 26°0'32"N, Lon 89°49'57"E.
39.	National Waterway 39	*Ganol River*: Bangladesh Border at Mankachar Lat 25°31'47"N, Lon 89°51'24"E to bridge near Dolbari at Lat 25°34'20"N, Lon 90°03'46"E.
40.	National Waterway 40	*Ghaghra River*: Faizabad at Lat 26°47'51"N, Lon 82°06'46"E to Ghaghra and Ganga river confluence at Manjhi Ghat Lat 25°44'13"N, Lon 84°42'03"E.
41.	National Waterway 41	*Ghataprabha River*: Barrage near Malali Lat 16°20'01"N, Lon 75°11'23"E to confluence with river Krishna at Chicksangam Lat 16°20'13"N, Lon 75°47'54"E.
42.	National Waterway 42	*Gomti River*: Bara Imambara, Lucknow Lat 26°52'21"N, Lon 80°54'58"E to confluence of Gomti with river Ganga Lat 25°30'31"N, Lon 83°10'17"E.
43.	National Waterway 43	*Gurupur River*: Confluence of Netravathi river at Lat 12°50'44"N, Lon 74°49'45"E to confluence of Mangalore Port Bridge at Lat 12°55'35"N, Lon 74°49'37"E.
44.	National Waterway 44	*Ichamati River*: Bridge on Border Main Road at Gobra near Bangladesh Border at Lat 22°53'50"N, Lon 88°53'49"E to near Bangladesh Border at Bansjhari Mallikpur Lat 22°39'07"N, Lon 88°55'35"E.
45.	National Waterway 45	*Indira Gandhi Canal*: Harike Barrage at Lat 31°08'33"N, Lon 74°56'57"E to near Mohangarh Lat 27°18'37"N, Lon 71°09'10"E.
46.	National Waterway 46	*Indus River*: Bridge on highway at Upshi village Lat 33°49'43"N, Lon 77°48'56"E to Bridge on Shey-Chuchol road near Shey village Lat 34°03'35"N, Lon 77°38'33"E.

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(1)	(2)	(3)
47.	National Waterway 47	*Jalangi River*: Bridge on State Highway No. 14 near Plashipara at Lat 23°47'47"N, Lon 88°27'09"E to confluence of Jalangi with Hooghly/Bhagirathi rivers at Nabadwip Lat 23°24'39"N, Lon 88°22'48"E.
48.	National Waterway 48	*Jawai-Luni Rivers and Rann of Kutch*: Jawai river from Jalore at Lat 25°20'37"N, Lon 72°41'09"E to Luni river near Gandhav village to Rann of Kutch at Lat 23°32'54"N, Lon 68°22'27"E.
49.	National Waterway 49	*Jhelum River*: Bridge on highway at Lat 33°49'26"N, Lon 75°03'50"E to Wuler lake, Srinagar at Lat 34°21'37"N, Lon 74°36'36"E.
50.	National Waterway 50	*Jinjiram River*: Confluence with Brahmaputra river at Tumni Lat 25°51'51"N, Lon 89°58'57"E to Fulerchar Point. III at Brahmaputra river Lat 25°44'15"N, Lon 89°52'53"E.
51.	National Waterway 51	*Kabini River*: Kabini Dam Lat 11°58'25"N, Lon 76°21'10"E to Beeramballi at Lat 11°56'10"N, Lon 76°14'18"E.
52.	National Waterway 52	*Kali River*: Kodasalli Dam Lat 14°55'08"N, Lon 74°32'07"E to confluence of Kali river with Arabian Sea near Sadashivgad bridge at Lat 14°50'31"N, Lon 74°07'21"E.
53.	National Waterway 53	*Kalyan-Thane-Mumbai Waterway, Vasai* *Creek and Ulhas River*: Arabian Sea at Navi Mumbai Lat 18°55'50"N, Lon 72°53'22"E via Ulhas river to bridge on State Highway No. 76 near Malegaon T. Waredi Lat 19°02'38"N, Lon 73°19'54"E; Bridge on Kalyan-Badlapur road near Kalyan railway yard at Kalyan Lat 19°14'06"N, Lon 73°08'49"E to Kalyan Lat 19°15'35"N, Lon 73°09'28"E; Vasai Creek from Lat 19°18'54"N to Lon 72°47'30"E to Kasheli at Lat 19°13'23"N, Lon 73°0'21"E.
54.	National Waterway 54	*Karamnasa River*: Bridge at Kakarait Lat 25°18'11"N, Lon 83°31'38"E to confluence of Karamnasa and Ganga rivers at Kutubpur Lat 25°31'06"N, Lon 83°52'47"E.
55.	National Waterway 55	*Kaveri Kollidam River*: Uratchikottai Barrage at Lat 11°29'03"N, Lon 77°42'14"E to confluence of river Kollidam with Bay of Bengal at Pazhaiyar Lat 11°21'38"N, Lon 79°49'53"E.

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(1)	(2)	(3)
56.	National Waterway 56	*Kherkai River*: Dam near Gangia village at Lat 22º45'12"N, Lon 86º05'09"E to confluence with Subarnrekha river at Jamshedpur Lat 22º50'13"N, Lon 86º09'37"E.
57.	National Waterway 57	*Kopili River*: Bridge at Banthai Gaon Tinali Bus Stop at Lat 26º10'41"N, Lon 92º13'05"E to confluence with Brahmaputra river at Chandrapur No. 2 Lat 26º15'07"N, Lon 91º56'49"E.
58.	National Waterway 58	*Kosi River*: Kosi Barrage at Hanuman Nagar Lat 26º31'40"N, Lon 86º55'29"E to Confluence of Kosi with Ganga river at Kursela Lat 25º24'40"N, Lon 87º15'14"E.
59.	National Waterway 59	*Kottayam-Vaikom Canal*: Kottayam, near Kodimatha at Lat 9º34'39"N, Lon 76º31'08"E to Vechoor joining National Waterway No. 3 at Lat 9º40'0"N, Lon 76º24'11"E.
60.	National Waterway 60	*Kumari River*: Dam near Amruhasa village at Lat 23º06'37"N, Lon 86º15'51"E to Mukutmanipur Dam at Chiada Lat 22º57'18"N, Lon 86º44'43"E.
61.	National Waterway 61	*Kynshi River*: Bangladesh Border near Mawpyllum Lat 25º12'07"N, Lon 91º15'21"E to bridge on Nonghyllam-Maweit road at Lat 25º19'35"N, Lon 91º04'07"E.
62.	National Waterway 62	*Lohit River*: Parasuram Kund at 27º52'40"N, Lon 96º21'40"E to Saikhowa Ghat, Sadiya Lat 27º47'49"N, Lon 95º38'14"E.
63.	National Waterway 63	*Luni River*: Dam at Jaswantpura Lat 26º13'35"N, Lon 73º41'20"E to Barrage near Malipura Lat 24º57'04"N, Lon 71º38'02"E.
64.	National Waterway 64	*Mahanadi River*: Sambalpur Barrage at Lat 21º27'34"N, Lon 83º57'50"E to Paradip at Lat 20º19'38"N, Lon 86º40'17"E.
65.	National Waterway 65	*Mahananda River*: Bridge near Gosaipur at Lat 25º26'41"N, Lon 88º05'26"E to Bangladesh Border near Adampur at Lat 24º57'17"N, Lon 88º10'59"E.
66.	National Waterway 66	*Mahi River*: Kadana Dam Lat 23º18'22"N, Lon 73º49'37"E to confluence with Gulf of Khambhat near Kavi railway station Lat 22º10'35"N, Lon 72º30'36"E.
67.	National Waterway 67	*Malaprabha River*: Jakanuru at Lat 15º49'51"N, Lon 75º38'54"E to confluence with river Krishna at Kudalasangama Lat 16º12'30"N, Lon 76º04'16"E.

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(1)	(2)	(3)
68.	National Waterway 68	*Mandovir River*: Bridge at Usgaon at Lat 15°26'42"N, Lon 74°03'12"E to confluence of Mandovi river with Arabian Sea at Reis Magos Lat 15°28'32"N, Lon 73°46'46"E.
69.	National Waterway 69	*Manimutharu River*: Manimutharu Dam Lat 8°39'14"N, Lon 77°24'47"E to confluence with Tramaraparani river near Aladiur Lat 8°41'03"N, Lon 77°26'07"E.
70.	National Waterway 70	*Manjara River*: Singur Dam at Lat 17°44'58"N, Lon 77°55'41"E to confluence with river Godavari at Kandakurthi at Lat 18°49'07"N, Lon 77°52'20"E.
71.	National Waterway 71	*Mapusa/Moide River*: Bridge on National Highway-17 at Mapusa Lat 15°35'21"N, Lon 73°49'17"E to confluence point of Mapusa and Mandovi rivers at Porvorim Lat 15°30'20"N, Lon 73°50'42"E.
72.	National Waterway 72	*Nag River*: Bridge near NIT Colony, Nagpur Lat 21°06'17"N, Lon 79°06'03"E to confluence with river Kanhan near Sawangi village at Lat 21°05'38"N, Lon 79°27'54"E.
73.	National Waterway 73	*Narmada River*: Pandhariya at Lat 21°57'10"N, Lon 74°08'27"E to confluence of Narmada with Arabian Sea at Gulf of Khambhat Lat 21°38'27"N, Lon 72°33'28"E.
74.	National Waterway 74	*Netravathi River*: Netravathi Dam, Dharmsthala Lat 12°57'55"N, Lon 75°22'10"E to confluence with Arabian sea at Bengre Lat 12°50'43"N, Lon 74°49'29"E.
75.	National Waterway 75	*Palar River:* Rail bridge at Virudampattu, Vellore at Lat 12°56'14"N, Lon 79°07'30"E to confluence with Bay of Bengal at Sadurangapattinam Lat 12°27'52"N, Lon 80°09'13"E.
76.	National Waterway 76	*Panchagangavali (Panchagangoli) River:* Gangoli Port at Lat 13°38'01"N, Lon 74°40'08"E to Bridge at Badakere at Lat 13°44'50"N, Lon 74°39'15"E.
77.	National Waterway 77	*Pazhyar River*: Bridge near Veeranarayana Mangalam village at Lat 8°13'49"N, Lon 77°26'27"E to confluence with Arabian Sea at Manakudi at Lat 8°05'15"N, Lon 77°29'08"E.
78.	National Waterway 78	*Penganga Wardha River System*: Confluence of Aran and Penganga rivers near Chimata village at Lat 19°54'08"N, Lon 78°12'36"E to the confluence of Wardha and Pranahita rivers near Ravalli village at Lat 19°33'59"N, Lon 79°49'0"E.

(1)	(2)	(3)
79.	National Waterway 79	*Pennar River*: Penna Barrage, Pothireddypalem at Lat 14°28'08"N, Lon 79°59'09"E to confluence with Bay of Bengal near Kudithipalem at Lat 14°35'37"N, Lon 80°11'31"E.
80.	National Waterway 80	*Ponniyar River*: Sathanur Dam at Lat 12°11'0"N, Lon 78°51'01"E to Cuddalore at confluence of Bay of Bengal at Lat 11°46'22"N, Lon 79°47'42"E.
81.	National Waterway 81	*Punpun River*: Bridge on National Highway-83 near Pakri village Lat 25°29'50"N, Lon 85°06'19"E to confluence with river Ganga at Fatuha Lat 25°30'50"N, Lon 85°18'17"E.
82.	National Waterway 82	*Puthimari River*: Bridge on National Highway-31 near village Ghopla at Lat 26°22'01"N, Lon 91°39'11"E to confluence with Brahmaputra river near Bamunbori at Lat 26°15'28"N, Lon 91°20'35"E.
83.	National Waterway 83	*Rajpuri Creek*: Arabian Sea at Rajpuri Lat 18°18'03"N, Lon 72°56'43"E to Mhasala at Lat 18°08'15"N, Lon 73°06'45"E.
84.	National Waterway 84	*Ravi River*: Dam at Gandhiar Lat 32°35'51"N, Lon 75°59'05"E to Ranjeet Sagar Dam at Basoli Lat 32°26'36"N, Lon 75°43'45"E.
85.	National Waterway 85	*Revadanda Creek Kundalika River System*: Arabian Sea at Revadanda Lat 18°32'20"N, Lon 72°55'33"E to bridge on Roha-Astami Road near Roha Nagar Lat 18°26'32"N, Lon 73°07'11"E.
86.	National Waterway 86	*Rupnarayan River*: Confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22°40'17"N, Lon 87°46'43"E to confluence with Hooghly river at Geonkhali Lat 22°12'42"N, Lon 88°03'14"E.
87.	National Waterway 87	*Sabarmati River*: Barrage near Sadoliya Lat 23°26'50"N, Lon 72°48'35"E to confluence with Gulf of Khambhat near Khambhat Lat 22°09'18"N, Lon 72°27'28"E.
88.	National Waterway 88	*Sal River:* Orlim Deusa Bridge Lat 15°13'11"N, Lon 73°57'30"E to confluence with Arabian Sea at Mobor Lat 15°08'32"N, Lon 73°57'0"E.
89.	National Waterway 89	*Savitri River (Bankot Creek):* Bridge near Sape at Lat 18°05'54"N, Lon 73°20'09"E to Arabian Sea at Bankot Lat 17°58'47"N, Lon 73°01'45"E.
90.	National Waterway 90	*Sharavati River:* Honnavar Port Sea Mouth at Lat 14°17'56"N, Lon 74°25'27"E to link at highway at Gersoppa Lat 14°14'15"N, Lon 74°39'06"E.

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91.	National Waterway 91	*Shastri River Jaigad Creek:* Sangmeshwar at Lat 17°11'16"N, Lon 73°33'03"E to confluence with Arabian Sea at Jaigad Lat 17°19'12"N, Lon 73°12'39"E.
92.	National Waterway 92	*Silabati River:* Barrage near Shimulia village at Lat 22°34'53" N, Lon 87°38'31"E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22°40'17"N, Lon 87°46'43"E.
93.	National Waterway 93	*Simsang River:* Bangladesh Border at Lat 25°11'05"N, Lon 90°39'25"E to bridge on National Highway-62 near Nongalbibra Lat 25°27'20"N, Lon 90°42'22"E.
94.	National Waterway 94	*Sone River:* Sone Barrage near Dehri at Lat 24°50'14" N, Lon 84°08'03"E to confluence of Sone and Ganga rivers at Lat 25°42'15"N, Lon 84°52'02"E.
95.	National Waterway 95	*Subansiri River:* Gerukamukh Lat 27°27'03" N, Lon 94°15'16"E to Brahmaputra confluence at Lat 26°52'25"N, Lon 93°54'31"E.
96.	National Waterway 96	*Subarnrekha River:* Chandil Dam at Lat 22°58'29" N, Lon 86°01'14"E to confluence with Bay of Bengal at Lat 21°33'29"N, Lon 87°22'59"E.
97.	National Waterway 97	*Sunderbans Waterways:* (i) Namkhana at Lat 21°45'46" N, Lon 88°13'06"E to Athara Banki Khal Lat 21°56'57"N, Lon 89°05'32"E; (ii) Bidya River: Lot No. 124 at Lat 21°54'43" N, Lon 88°41'08"E to near Uttar Danga at Lat 22°11'48"N, Lon 88°51'55"E; (iii) *Chhota Kalagachi*(*Chhoto Kalergachi*) *River*: Near Rajani ferry ghat Lat 22°19'57" N, Lon 88°54'21"E to near Nazat at Lat 22°26'05"N, Lon 88°50'12"E; (iv) *Gomar River*: Near Ramkrishnapur Lat 22°11'53" N, Lon 88°44'42"E to near Gosaba Kheya ghat at Lat 22°10'05"N, Lon 88°47'37"E; (v) *Haribhanga River*: Bangladesh Border Lat 21°53'19" N, Lon 89°01'24"E to confluence with Jhila river at Lat 21°58'18"N, Lon 88°55'08"E; (vi) *Hogla* (*Holgal*)-*Pathankhali River*: Near Parandar Lat 22°12'22" N, Lon 88°40'43"E to near Sandeshkhai Ferry Ghat at Lat 22°21'12"N, Lon 88°52'48"E; (vii) *Kalindi* (*Kalandi*) *River*: Bangladesh Border at Hingalganj Lat 22°28'08" N, Lon 88°59'46"E to Bangladesh Border near Khosbash at Lat 22°24'41"N, Lon 88°58'21"E; (viii) *Katakhali River*: Bangladesh Border near Barunhat Lat 22°30'31" N, Lon 88°58'25"E to Lebukhali ferry at Lat 22°21'45"N, Lon 88°57'30"E;

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(1)	(2)	(3)
		(ix) *Matla River*: Bay of Bengal at Lat 21°33'04" N, Lon 88°38'26"E to Canning ferry ghat at Lat 22°18'39"N, Lon 88°40'43"E; (x) *Muri Ganga* (*Baratala*) *River*: Bay of Bengal near Bisalakshmipur Lat 21°37'52" N, Lon 88°10'0"E to near Kakdwip at Lat 21°52'17"N, Lon 88°09'08"E; (xi) *Raimangal River*: Hemnagar at Lat 22°11'41" N, Lon 88°58'01"E to Rajnagar at Lat 22°33'57"N, Lon 88°56'17"E; (xii) *Sahibkhali* (*Sahebkhali*) *River*: Near Ramapur Lat 22°17'52" N, Lon 88°56'35"E to Bangladesh Border near Khosbash at Lat 22°24'41"N, Lon 88°58'21"E; (xiii) *Saptamukhi River*: Bay of Bengal at Henry Island Lat 21°34'57" N, Lon 88°19'08"E to near Chintamanipur at Lat 21°51'14"N, Lon 88°18'41"E; (xiv) Thakurran River: Bay of Bengal at Lat 21°33'32" N, Lon 88°27'45"E to Madhabpur at Lat 22°02'52"N, Lon 88°33'28"E;
98.	National Waterway 98	*Sutlej River*: Sunni Road Bridge at Lat 31°14'45" N, Lon 77°07'34"E to Harike Dam at Lat 31°08'33"N, Lon 74°56'57"E.
99.	National Waterway 99	*Tamaraparani River*: Sulochana Mudalir bridge, Tirunelveli Lat 8°43'43" N, Lon 77°42'54"E to confluence with Bay of Bengal near Punnaikayal at Lat 8°38'25"N, Lon 78°07'38"E.
100.	National Waterway 100	*Tapi River*: Hatnur Dam Near Mangalwadi Lat 21°04'22"N, Lon75°56'45"E to Gulf of Khambhat (Arabian Sea) at Lat 21°02'16"N, Lon 72°39'30"E.
101.	National Waterway 101	*Tizu and Zungki Rivers*: Longmatra at Lat 25°46'12"N, Lon 94°44'35"E to Avanghku at Myanmar border Lat 25°35'03"N, Lon 94°53'06"E and in Zungki river from bridge at Lat 25°48'26"N, Lon 94°46'36"E to confluence of Zungki and Tizu rivers at Lat 25°46'58"N, Lon 94°45'21"E.
102.	National Waterway 102	*Tlwang* (*Dhaleswari River*): Khamrang near National Highway-54 Lat 23°55'22"N, Lon 92°39'08"E to Bridge on National Highway-154 at Gharmura Lat 24°17'19"N, Lon 92°31'0"E.
103.	National Waterway 103	*Tons River*: Bridge on National Highway-27 near Chakghat at Lat 25°02'05"N, Lon 81°43'45"E to Ganga confluence at Sirsa Lat 25°16'32"N, Lon 82°05'0"E.
104.	National Waterway 104	*Tungabhadra River*: Bridge on State Highway No. 29 near Chikka Jantakal village at Lat 15°24'33"N, Lon 76°35'13"E to confluence with river Krishna near village Murva Konda at Lat 15°57'20"N, Lon 78°14'30"E.

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105.	National Waterway 105	*Udayavara River*: Arabian Sea Mouth at Malpe Lat 13°20'57"N, Lon 74°41'28"E to Bridge near Manipura Lat 13°17'33"N, Lon 74°46'26"E.
106.	National Waterway 106	*Umngot (Dwaki) River*: Bangladesh Border near Larbamon Lat 25°11'07"N Lon 92°0'54"E to Nongryngkoh at Lat 25°19'05"N, Lon 92°02'20"E.
107.	National Waterway 107	*Vaigai River*: Barrage near Anai Patti at Lat 10°05'19"N, Lon 77°51'10"E to Viragnoor Dam at Lat 9°53'52"N, Lon 78°10'34"E.
108.	National Waterway 108	*Varuna River*: Road bridge near Kuru at Lat 25°23'15"N, Lon 82°44'07"E to Ganga confluence at Saray Mohana, Varanasi Lat 25°19'45"N, Lon 83°02'41"E.
109.	National Waterway 109	*Wainganga Pranahita River System*: Bridge near Chandapur village at Lat 20°0'30"N, Lon 79°47'08"E to confluence of river Godavari at Kaleshwaram Lat 18°49'33"N, Lon 79°54'33"E.
110.	National Waterway 110	*Yamuna River*: Jagatpur (6km upstream of Wazirabad Barrage) Delhi Lat 28°45'28"N, Lon 77°13'50"E to confluence of Yamuna and Ganga rivers at Sangam, Allahabad at Lat 25°25'24"N, Lon 81°53'20"E.
111.	National Waterway 111	*Zuari River*: Sanvordem bridge Lat 15°16'15"N, Lon 74°07'11"E to Marmugao Port Lat 15°25'55"N, Lon 73°48'13"E.

STATEMENT OF OBJECTS AND REASONS

In many countries, the inland water transport is recognised as fuel efficient, cost effective and environment friendly mode of transport, especially for bulk goods, hazardous goods and over dimensional cargos. It also reduces time, cost of transportation of goods and cargos, as well as congestion and accidents on highways. Yet, when compared to road and rail sectors, required investment has not been made by the Government so far on the preservation and development of inland waterways mode of transportation in the country. The inland waterways mode of transportation has immense potential for domestic cargo transportation as well as for cruise, tourism and passenger traffic. Its systematic development will open up progressive economic and transport opportunities in the country.

2. Five inland waterways, namely, the—

(*a*) Allahabad-Haldia Stretch of the Ganga Bhagirathi-Hooghly River;

(*b*) Sadiya-Dhubri Stretch of Brahmaputra River;

(*c*) Kollam-Kottapuram Stretch of West Coast Canal and Champakara and Udyogmandal Canals;

(*d*) Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank, Bhadrachalam-Rajahmundry Stretch of River Godavari and Wazirabad-Vijayawada Stretch of River Krishna; and

(*e*) Talcher-Dhamra Stretch of Rivers, Geonkhali-Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers; have been so far declared to be national waterways by Acts of Parliament.

3. The regulation and development of inland waterways for the purposes of shipping and navigation and matters related thereto are undertaken by the Inland Waterways Authority of India constituted under the provisions of the Inland Waterways Authority of India Act, 1985.

4. Since the inland waterways is lagging behind road and rail sectors in the country, the Central Government has evolved a policy for integrated development of inland waterways throughout the country and has accordingly identified 101 new inland waterways in addition to five existing national waterways to be declared as national waterways for the purposes of shipping and navigation by a standalone legislation in terms of Entry 24 of the Union List of the Seventh Schedule to the Constitution. The enactments by which the existing national waterways have been declared as national waterways are also proposed to be covered under the proposed legislation, namely, the National Waterways Bill, 2015, by repealing them with a suitable saving clause.

5. The extent of development, the prioritisation of inland waterways for development and related matters shall be finalised after carrying out necessary techno-economic feasibility studies through Inland Waterways Authority of India consequent upon enactment of the National Waterways Bill, 2015. Thereafter, these waterways will be developed by providing adequate infrastructure for safe, convenient and sustained shipping operations. The systematic development for navigation of these inland waterways shall open up the progressive economic and cost effective, fuel efficient and eco-freindly transport potential in the country.

6. The enactment of the proposed legislation will in no way impinge on the rights of the State Governments for usage of water, ownership of appurtenant land, minerals, metal, sand, etc., rather usher in development of transportation and tourism in States.

7. The Bill seeks to achieve the above objects.

NITIN GADKARI.

NEW DELHI;
The 13*th April,* 2015.

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