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**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD**

2016/21/CE-III/BR/Inland Waterways

New Delhi, 18.05.16

The Principal Chief Engineers,
All Indian Railways.

Sub: Inland Navigation Channels passing through Railway Bridges on Indian Railways network.

There are large numbers of Railway Bridges in the country built across important rivers/navigation channels etc. However, it is observed that the information on all such navigation channels passing through railway bridges such as its extent, exact location, safety measures taken to protect railway bridges, draft requirement etc. are not available with the Zonal Railways in a systematic manner.

2.0 In this regard, it is advised to coordinate and hold joint meetings/inspections with the concerned shipping authorities such as Inland Waterways Authority of India etc. to inspect and gather the information on all such navigation channels which pass through the Railway Bridges on your railway along with the width/extent of channel, location at which they pass the Railway Bridges, availability of safety measures to protect bridge substructure/superstructure, lighting arrangements, draft availability etc. with a view to prepare the data-base and to make action plan jointly with concerned authority for making good the deficiencies if any.

3.0 The information/action plan on existing navigation channels passing through railway bridges to be submitted to Board by 30.06.2016 in the following proforma alongwith the sketch showing railway bridge, navigation channel and its extent and other important structures in the vicinity.

SN	Rly	Div	section	state	Br no	Location	River	Type of bridge	Span Arrangement	Route	Imp / Maj
1	2	3	4	5	6	7	8	9	10	11	12

Span through which navigation permissible	Width / extent of navigation channel	Whether demarcation of navigation channel is available or not	Horizontal clearances for substructure		Vertical clearance for superstructure		Details of Protection measures available for bridge	
			Minimum required	Actual available	Minimum required	Actual available	Substructure	Superstructure
13	14	15	16	17	18	19	20	21

Details of Lighting arrangement for ships to make bridges clearly visible	Draft availability under the bridge (m)	Max ship size permitted in the channel (DWT)	Name of navigation route	Navigation channel meant for passenger traffic/goods traffic/Both	Name of concerned Waterway Authority	Details of deficiencies found	Action plan for making good the deficiency.
22	23	24	25	26	27	28	29

PB-699

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