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## GOVERNMENT OF INDIA MINISTRY OF RAILWAYS (RAILWAY BOARD)

No. 2016/52/CE-III/BR/Safety

New Delhi, Dt.22.04.2024

General Manager, All Zonal Railways.

Sub: Protection of bridge piers and bridges on navigational/freight ferry movement routes.

Ref: ED Safety (Civil)'s note no. 2024/ संरक्षा(सिविल)/8/1/सलाह dated 09.04.2024.

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In the recent past in USA, an incident of damage of bridge structure was reported by Commercial Ship in the vicinity of Port. Some of the water-ways, river/backwaters are being used/planned to be used for navigation of commercial, naval ships and freight ferries in our country also.

It is advised that in addition to bridges in Kolkata ,Cochin, Goa, Mumbai, Pamban (Rameswaram) closer to the port, railway bridges through which any commercial/naval ships and freight ferry movement are being done/planned to be done in near future should be identified. Protective/remedial measures need to be identified and planned/executed on priority on such identified bridges. The contingency plan for dealing with such exigencies to avoid disruption to railway traffic may also be prepared in advance by concerned Zonal Railways.

It is requested to look into the matter and take necessary action and submit the action taken report by 30-4-24.

(Nraj Kumar) Executive Director/Civil Engg.(B&S) Phone No. 011-478-47574

Copy to: - PCE/All Zonal Railways for information and necessary action please. CBE/All Zonal Railways for information and necessary action please.

Sub: Protection of bridge piers and bridges on navigational/freight ferry movement routes.

In the recent past in USA, an incident of damage of bridge structure was reported by Commercial Ship in the vicinity of Port.

Some of the water-ways, river/backwaters are being used / planned to be used for navigation of commercial, naval ships and freight ferries in our country also.

It is advised to identify railway bridges through which any commercial/naval ships and freight ferry movement are being done/planned to be done in near future and study the adequacy of protective/preventive measures to avoid damage to these structures in case of uncontrolled movement/accidental deviation of such navigational ships/freight ferries.

The protective/remedial measures need to be identified and planned/executed on priority. The contingency plan for dealing with such exigencies to avoid disruption to railway traffic may also be planned in advance by concerned Zonal Railways.

It is requested to advise Zonal Railways for necessary action in above matter and feedback may please be apprised to Safety Dte. also.

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कार्य. निदेशक/संरक्षा(सिविल) ED/Safety(Civil)

अपर सदस्य/सिविल अभियांत्रिकी (AM/CE)

प्रधान कार्य. निदेशक/पुल (PED/Bridges)