भारत सरकार **Government of India**
रेल मंत्रालय **Ministry of Railways**
रेलवे बोर्ड **Railway Board**

E Office: 3435093
New Delhi, dt. 27.11.2024

No. 2024/EnHM/06/04

General Managers
All Zonal Railways

Managing Director
CRIS

Sub: Points noted during review of AI-based Application for monitoring of OBHS
Ref i. Railway Board letter of even number dated 15.05.2024 & 30.05.2024.
ii. Railway Board letter of even number dated 24.07.2024.
iii. Central Railways' letter No.BB.M.LTT.OBHS.4 dated 19.11.2024.
iv. Railway Board letter of even number dated 21.11.2024.

Vide letter under reference(i), CRIS was advised to develop AI enabled application for monitoring of OBHS activities on trains across IR. Various issues being faced were already highlighted to CRIS vide letter under reference (iv) above.

In this regard a review was held with CRIS on date and following points were discussed:

1. It was discussed that at present the application is not at a level where financial payments can be linked with it. Accordingly, the need to store images for 120 days as envisaged by CRIS needs to be relooked and images need to be stored till 24 hours after the arrival of the train.

2. To reduce bandwidth requirement CRIS may explore compressing the image before transmitting.

3. As part of Phase-I of the project CRIS to plan for launching the App for about 50 trains spread across depots over IR to check the working and efficacy of the application (the list of nominated depots is at Annexure). Based on the above, CRIS may revise the estimate suitably and send to Board for further approval. Further, concerned Zonal Railways to associate with CRIS for onboarding on the application and monitoring of performance.

4. It was also discussed that at present there are some issues regarding categorization of the image by the AI Model. The same needs to be improved further.

5. Various issues highlighted by the LTT Depot need to be resolved at the earliest.

(रवि जैन)
कार्य.निदेशक / यांत्रिक इंजी. को.
रेलवे बोर्ड

Copy to:
- **PCMEs/All Zonal Railways and GM/CMM/CRIS: For kind information and necessary action please**

Annexure - List of nominated depots for launch of OBHS AI Application

The following depots are nominated for launching the CRIS AI OBHS Application in 5 Primary Trains each, to check the working and efficacy of the application:

1. LTT Coaching depot, Central Railway
2. BCT Coaching depot, Western Railway
3. NDLS Coaching Depot, Northern Railway
4. SBC Coaching Depot, South Western Railway
5. BBQ Coaching Depot, Southern Railway
6. Jabalpur Coaching Depot, West Central Railway
7. Howrah Coaching Depot, Eastern Railway
8. Guwahati Coaching Depot, North East Frontier Railway
9. Muzaffarpur Depot, East Central Railway
10. Madar Depot, North Western Railway