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 <b>आज़ादी का अमृत महोत्सव</b>	<b>भारत सरकार Government of India</b> <b>रेल मंत्रालय Ministry of Railways</b> <b>रेलवे बोर्ड Railway Board</b>	 <b>Azadi Ka Amrit Mahotsav</b>
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New Delhi-24.01.2022

Managing Director  
CRIS  
Chanakyapuri/New Delhi

**Sub: CMMS (Coaching Maintenance Management System).**

CRB and CEO addressed all the Zonal Railways on issues related to maintenance, safety and reliability of Rolling Stocks on 19 Jan 2022. Safety and reliability of rolling assets are of paramount concern. CMMS functionalities are being used by Zonal Railways for maintenance data and granting fitness certificates to coaches/rakes.

This IT backbone maintains the rolling asset history and is a great tool to permit rationalization of maintenance practices. The safety of rolling stock, availability and reliability essentially needs a strengthened IT backbone. The objective is a complete switchover to CMMIS and to do away with manual record keeping and reporting.

Zonal Railways have highlighted problems to CRIS regularly regarding implementation of CMMS. Some of the issues are shortlisted and enclosed as Annexure I.

CRIS may act quickly and bring out a time bound action plan to address the above technical problems being raised by Zonal Railways to achieve complete switchover to CMMIS. CRIS may firm up the action plan and share with Railway Board within 10 Days.

  
(D C Sharma)

Additional Member (Mech.Engg.)  
Railway Board

C/-All PCMEs Zonal Railways, ICF, RCF and MCF for information and necessary action please.

pTo...

**Key pending issues with CMMS**

1. Integration of CMMIS with WISE, ICMS & Rail Madad:
  - 1.1. POH coach history is not visible in CMMIS
  - 1.2. Coach consist of ICMS and CMM are not matching
  - 1.3. Rail-Madad complaints are not being ported to Escorting App
  - 1.4. Related CRIS applications need to be integrated with CMMIS modules for integrity of data across CRIS applications.
  - 1.5. PU data regarding manufactured rolling stock is not fully ported to WISE and CMMIS.
2. Rolling stock certificates issued from PUs of Coaches to be made available on CMM for all the basic coach details.
3. DMUs, DEMUs, EMUs/MEMUs/Vande-Bharat type of coaches' maintenance functionalities/Modules are not developed in CMMIS.
4. User interface design of CMMS need to be improved:
  - 4.1. Once the coach type is selected (LHB/ICF) relevant forms only should be visible.
  - 4.2. Provision of additional Field for Entry of remarks after visual examination of rolling stock.
  - 4.3. Provision of entry of special Drive data and linking it with scheduled/Un-scheduled maintenance to make it available for record.
5. Information not necessarily relevant is being displayed at various user hierarchies. Specific Dashboard for each hierarchical level should have been created to display only meaningful and relevant information.
6. For facilitating 100% feeding of maintenance data in real time, CRIS need to provide tablets to Zonal Railways.
7. System does not generate alerts if logically incorrect data is fed:
  - 7.1. Date of release of the coach is prior to the date of its sick marking.
  - 7.2. Generation of alert while issuing BPC for coach which is overdue of schedule.
8. Data feeding forms need to be aligned with standard forms included in maintenance manuals so that manual recordkeeping is completely eliminated.
9. Provision of Coach Modification module by Production units under commissioning Certificate as per advice of Board and RDSO.
10. Provision of coach modification Module by ZRs (Workshop and Zonal Railways) to ensure execution of Modifications in coaches as advised by the RDSO/PU/Board.
11. Provision of entry of Tyre Turning details by depot wherever, this facility is available.
12. Provision of entry of trolley details by coaching depot during SS-I and IOH.
13. Integration of OMRS, Hot box detectors and other wayside monitoring equipment/On Board condition monitoring equipment for directly capturing the maintenance data into CMMS.
14. An interface/Module may also to be provided for Rolling-in examination and entering related records.