

1611941/2021/S&amp;R(Bridge)

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RW/G-23012/01/2019-W&A(Part-IV)

**Government of India**  
**Ministry of Road Transport & Highways**  
**(S&R (P&B) Section)**

Transport Bhawan, 1, Parliament Street, New Delhi- 110001

Dated: 28.12.2021

**Office Memorandum**

**Sub: Minutes of the Meeting for meeting held on 22.12.2021 at 04:30 PM under the Chairmanship of Secretary (RT&H) for a presentation and demonstration of the Annual Maintenance Programming Tool (AMT) in Road Asset Management System (RAMS)**

Please find enclosed the Minutes of the Meeting for subject mentioned above for necessary action and compliance thereof.

Yours faithfully

G R Choudhary

Executive Engineer (NFSG) [IBMS & RAMS Cell]

To

1. The Member, NHAI (Shri RK Pandey)
2. The CGM (Tech.), RAMS Cell, NHAI (Shri Ajmer Singh)
3. The Chief Engineer (Planning), MoRT&H
4. The Chief Engineer (RAMS Cell), MoRT&H
5. The GM (Tech), NHAI (Shri K K Arora)
6. DXC Technology (Shri Avanish), Edisha Team (Kind Attention to Priti Nigam)
7. What's New

Copy to- for necessary action

1. Chairman, NHAI
2. The Director General, Border Roads, BRO
3. The Managing Director, NHIDCL
4. The JS(IT), MoRT&H
5. The Chief Engineer Project Zone
6. The CE/SE-RO
7. NIC

Copy for Information:-

1. The Sr. PPS DG (RD&SS)
2. The Sr. PPS Secretary RT&H



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Minutes of the Meeting of meeting held on 22.12.2021 at 04:30 PM under the Chairmanship of Secretary (RT&H) for a presentation and demonstration of the Annual Maintenance Programming Tool (AMT) in Road Asset Management System (RAMS) - Regarding

A meeting chaired by Secretary (RT&H) was held on 22.12.2021 at 04:30 PM for presentation and demonstration of the revised algorithm of Annual Maintenance Programming Tool (AMT) in the Road Asset Management System (RAMS). The meeting was attended by CE (Planning), representatives from eDISHA, DXC Technology & Kearney in the Committee room, 5<sup>th</sup> Floor, Transport Bhawan; Sh. R.K. Pandey, Member (Projects), Sh. K. K. Arora, GM (Tech), NHAI & CE (RAMS Cell) cum Director (IAHE) through VC.

2. At the outset, Secretary (RT&H) welcomed all the participants.

3. The revised algorithm for RAMS software updated by DC Technology as part of ERP was presented, the updated AMT Tool was demonstrated, and next steps were laid out to make the software usable by all stakeholders:

3.1 The difference between the legacy system and the upgraded AMT was explained in terms of the increase in the overall comprehensiveness and configurability of the system.

3.2 The process of assignment of maintenance interventions and its optimization based on maintenance budget was explained, along with important sources of data inputs and their planned integration with AMT.

3.3 The interface of the AMT software was demonstrated using existing data and the output of the optimization exercise were presented, including the dashboard summary views for ease of users.

4. Following decisions were taken after detailed deliberations: -

4.1 Concern was expressed on the data upload for only about 3,000km of NH stretches (2% of total NH network) in the RAMS system. Attention was drawn to the fact that functioning of Centralised RAMS Cell be thoroughly activated to take up the task of data validation and upload into RAMS portal as well as pro-actively reach out to ROs of the Ministry, NHAI, NHIDCL, etc., to get the NSV surveys conducted, ensure data received are as per requirements and validated by the Centralised RAMS Cell well in time. Member (Projects) assured that the process would be immediately put in place. **[Action - NHAI]**

4.2 It was desired that the RAMS Cell in the MoRT&H under CE (RAMS Cell) & Director (IAHE) familiarize itself with the AMT module under upgraded RAM software and coordinate consistently with Centralized RAMS Cell in NHAI for achieving desired analysis and outputs. **[Action - CE (RAMS Cell)]**

4.3 It was also highlighted to DXC and eDisha to release the AMT module to users after getting done the security audit through NIC and start training the users (RAMS Cell, officers at



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MoRT&H, its implementing agencies and at ROs) on the features of the module. [Action - JS(IT), NIC, ERP / eDisha]

4.4 Tool be used to monitor the overall road quality of Concessionaire/ Contractor maintained stretches and to instruct the Concessionaires/ Contractors on undertaking maintenance activities. [Action - CE (RAMS Cell)]

4.5 NSV survey across all stretches be expedited and the data be uploaded across all required parameters by the Centralized RAMS Cell. [Action - NHAI, CE (RAMS Cell), NHIDCL, BRO, All State Govts. / Project Zone CEs & ROs of the MoRT&H]

4.6 As already instructed to all agencies (viz. NHAI, NHIDCL, BRO) / Project Zones and ROs of the MoRT&H, all concerned need to immediately initiate collection of NSV data for all NHs stretches, which are not covered under any ongoing work / Defect Liability Period (DLP) of the completed work / Medium Term (3 years or more) Contract Maintenance, etc. and ensure that at least one cycle of NSV data for all such NHs stretches are uploaded on the RAMS Portal, through the centralised RAMS Cell of NHAI and CE (RAMS Cell) of the Ministry, towards enabling its timely validation and processing for finalizing the outlay for 2022-23. . [Action - NHAI, CE (RAMS Cell), NHIDCL, BRO, All State Govts. / Project Zone CEs & ROs of the MoRT&H]

4.7 All agencies (NHAI, NHIDCL, BRO) and Project Zones and ROs of the MoRT&H shall ensure that the first cycle of such NSV data for the above mentioned categories of NHs stretches is uploaded on the upgraded RAMS portal by 28<sup>th</sup> February, 2022. . [Action - NHAI, CE (RAMS Cell), NHIDCL, BRO, All State Govts. / Project Zone CEs & ROs of the MoRT&H]

4.8 Integration of the tool with PMIS and Data Lake shall be expedited under ERP Project. [Action - JS(IT), eDisha / ERP, NIC]

5. The Meeting ended with a Vote of Thanks to the Chair.

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