

Issued by bmuell
on 06.08.2024

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2021/25/CE-III/BR/1/BMS/Drone

New Delhi, Dt.06.08.2024

Principal Chief Engineers,
All Zonal Railways.

Sub: - Launch of "Tunnel Master" module of Tunnel Management System (TUMS).

Ref: - Chief Project Director/TMS/NR's letter no. 198-W/e-Gov/Tunnels/TMMS dated 05.08.2024.

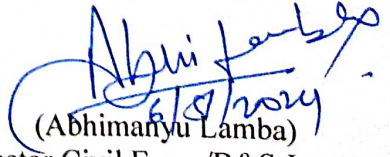
The inspection/maintenance of tunnels is covered under Chapter 10 of IRBM. For inspection and maintenance of Tunnel, details of all tunnels are required. For this purpose, Tunnel master module has been developed in BMS Application to cover various aspects of tunnels as detailed below:-

1. Jurisdiction details (tunnel no, section, location, register no. etc.)
2. Jurisdiction details (tunnel no, section, location, register no. etc.)
3. Track details (lines, ballasting etc.)
4. Age & Service (construction year etc.)
5. Geometry (construction method, tunneling media, shape, width, lining, cutting etc.)
6. Structural elements (portals etc.)
7. Drainage
8. Lighting
9. Ventilation
10. Fire safety & rescue
11. Sensor & instrumentation
12. Last inspection details

The TUMS has been developed in line of BMS having concept of tunnel register, data has to be filled by ADEN and test checked by DEN/SrDEN etc.

In this regard, CRIS will demonstrate the use of Tunnel master module through Video Conference (VC) on 09.08.2024 (Friday) at 15:00 Hrs, link for the VC will be shared in advance.

DA: As above.


(Abhimanyu Lamba)
Director Civil Engg./B&S-I
Phone No. 011-478-45459

Copy to:-

1. CBEs/All Zonal Railways for information & necessary action please.
2. MD/CRIS, Chanakyapuri, New Delhi for information & necessary action please.

Northern Railway

Headquarters Office,
Baroda House,
New Delhi.

No. 198-W/e-Gov/Tunnels/TMMS

Dated: 05.08.2024

Principal Executive Director (Bridge),
Railway Board,
Rail Bhavan,
New Delhi.

Sub:- Launch of "Tunnel Master" module of Tunnel Management System (TUMS)

A work named "Tunnel management system (TUMS) " for inspection/maintenance of tunnels has already been sanctioned. The inspection/maintenance of tunnels are covered under Chapter 10 of IRBM. So, it has been decided to make TUMS as part of BMS to avoid multiplicity of login/password.

For inspection and maintenance of Tunnel , details of all tunnels are required. For this purpose, Tunnel master module has been developed in BMS Application to cover various aspects of tunnels as detailed below :-

1. Jurisdiction details (tunnel no, section, location, register no. etc.)
2. Track details (lines, ballasting etc.)
3. Age & Service (construction year etc.)
4. Geometry (construction method, tunneling media, shape, width, lining, cutting etc.)
5. Structural elements (portals etc.)
6. Drainage
7. Lighting
8. Ventilation
9. Fire safety & rescue
10. Sensor & instrumentation
11. Last inspection details

The TUMS has been developed in line of BMS having concept of tunnel register, data has to be filled by ADEN and test checked by DEN/SrDEN etc.. CRIS will demonstrate the use of Tunnel master module through Video Conference (VC) on Friday (09.08.2024) at 3 PM, link for the VC will be shared on 08.08.2024.

As data has to be filled by ADen, so, Railway Board may please advise to all zonal Railways to ensure that all concerned **ADEN** must attend the VC besides officers of Division and HQ.

ACHAL JAIN Digitally signed by ACHAL JAIN
Date: 2024.08.05 12:17:43
+05'30'
Chief project Director/TMS

Copy to:

- 1) AMCE, Railway Board, New Delhi for kind information please.
- 2) MD/CRIS, Chanakyapuri, New Delhi for information please.
- 3) ED/B&S for information and necessary action please.