



भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
रेलवे बोर्ड RAILWAY BOARD



No.2024/I & Trans. Cell / GMT

New Delhi, Date: 24.04.2024

The General Manager MD, CRIS
PFA, PCE, PCOM, PCCM New Delhi
All Indian Railways

Subject: Traffic Density (GMT) Data:
a primary performance metric

Traffic Density (GMT) Data is a crucial decision criterion for Planned Track Renewals, Preventive Maintenance (like periodicity of USFD), Riding Quality (Track Degradation Model) and for efficient allocation of rails, track materials and resources, amongst works / projects under plan-heads New Lines, Doubling and Track Renewals.

2. Hitherto, GMT Data was computed by Zonal Statistical Units on the basis of GTKM, Lead (Km) etc. from varied sources and thereafter GMT data was manually input in Track Management System (TMS). A notable policy limitation in current data in TMS (Track Management System) as given by Zonal Stat. units is that GMT despite being a primary unit is empirically 'derived'. Further, for sections with more than two lines (3rd /4th line) the line-wise GMT data is not available.

3. In due consideration of the fact that Traffic Density (GMT) is a primary performance metric that serves three groups of Railway Statistics laid down in IR Statistical Manual; viz. Economic Statistics, Transportation Statistics and Administrative Statistics; and that GMT Data of every train on every line is captured in FOIS/ICMS/CoA, Traffic Density data is an integral part of IR's IT Systems architecture.

4. It has been decided that w.e.f. 01.04.2024, (API based) GMT data from FOIS/ICMS/CoA would flow daily into TAMS (Statistical Module on Rail Transport Information - SMRTI) and the Statistical Module in TAMS would (API based) feed TMS. No physical copies would be issued for Traffic Density Data from FOIS/ICMS/CoA and any practice of signed copies being issued in parallel would be discontinued henceforth with immediate effect.

5. In pursuance to the same, the following instructions are being issued: -

- A. For (and from) the year 2023-24, Zonal Stat Units would provide by May of the following year, GMT Data of previous FY. For instance, GMT for 2023-24 would be provided by May/June 2024 and so on.
- B. For 2023-24, GMT Data would be as per extant format (Block Section wise Up & Dn Lines) and from 2024-25, a refined format of GMT data - Block Section-wise Line-wise would be provided.
- C. No manual input in TMS for GMT data of 2023-24 and onwards.
- D. GMT data upto 31.03.2023 - would be its legacy data. For the year 2023-24, and onwards, all GMT Data in TMS would be in sync (API based) with the systems architecture as per para 4 above.

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- E. Chainages as well as line mapping (TMS vs. FOIS/ICMS/CoA) would be reconciled by 31.05.2024. Zonal Railways (PCEs, PCOMs, PCCMs) to ensure and render all assistance as required by CRIS/FOIS.
- F. All Track Renewal Works on GMT criterion is to be sanctioned on actual GMT as per Stat Info. Module. Track Renewals where GMT data of 2023-24 and onwards is required, shall not be processed w.r.t. manual input or assumed or mark-up or forecast/estimated GMT.
- G. Zonal Railways (Stat. Units under PFAs) would issue Monthly and Annual GMT Data. Further necessary technical instructions on domestic / zonal statistical data, to improve Data quality / accuracy as & wherever required for Zonal Stat. Units w.r.t. Statistics Manual, Primary Data Source and Statistical Field Checks, may be issued by respective PFAs with the approval of the GM.

[footnote: (i) Traffic density (GMT) data from FOIS/ICMS/CoA would flow (API based) into TAMS (Stat. Info. Module –named as SMRTI - Statistical Module for Rail Transport Information) not only for GMT data input (API based) into Track Management System (TMS) but all statistical compilations, particularly Monthly (eg. St 1-B, St-2, St-3) and Annual (eg. St.8 & 25). (iii) SMRTI would progressively cover all statistical compilations / statements prescribed in IR Statistical Manual – I & II and as directed by the Board]

6. The single point of contact (SPOC) at CRIS for Stat info. module is GM/TAMS and for input data of FOIS/ICMS/CoA is GM/OR/CRIS.

7. CPDE (TMS) / NR would render necessary co-ordination with Zonal Railways, in particular on targeted compliance to para 5.E above.

8. The above instructions are in supersession of any previous instructions on the subject and in the event of conflict with any other instructions / part of any other instructions, the above instructions would prevail.

This issues with the approval of the Railway Board (MOBD, MI, MF and the CRB & CEO)

Kindly acknowledge receipt and ensure compliance.

Pranav Kumar Mallick
29/04/2024
(Pranav Kumar Mallick)

ED / Transformation, Railway Board
email: pranav.mallick@nic.in

No.2024/I & Trans. Cell / GMT

New Delhi, Date: 24.04.2024

1. PFAs, All Indian Railways & Production Units
2. The ADAI (Railways), New Delhi
3. The Director of Audit, All Indian Railways

[Signature]
24/04/2024
(JDF/CCA)
for Member (Finance)

Copy-As per list enclosed

Copy for information to:

1. Director General, National Academy of Indian Railways, Vadodara.
2. Director General, Indian Railway Institute of Civil Engineering, Pune.
3. Director General, Indian Railway Institute of Mechanical and Electrical Engineering, Jamalpur.
4. The Director General, Indian Railway Institute of Signal Engineering and Telecommunications, Secunderabad.
5. The Director General, Indian Railway Institute of Electrical Engineering, Nasik.
6. The Director General, Indian Railway Institute of Transport Management, Lucknow.
7. The Executive Director, Indian Railways Centre for Advanced Maintenance Technology, Gwalior.
8. The Registrar, Railway Claims Tribunal, Delhi.
9. The Chief Commissioner of Railway Safety, Lucknow.
10. The Secretary, Railway Rates Tribunal, Chennai.
11. The Chairman. Railway Recruitment Board, Ahmedabad. Ajmer, Allahabad, Bangalore, Bhopal, Bhubaneswar, Chandigarh, Chennai, Gorakhpur. Guwahati, Jammu & Srinagar, Kolkata, Malda, Mumbai, Muzaffarpur, Patna, Ranchi, Secunderabad and Trivendrum.
12. CAO/FOIS/NR
13. The Genl. Secy., AIRF, Room No. 253, & NFIR Room No. 256-E, Rail Bhavan
14. The Secy. Genl., IRPOF, Room No. 476-K. FROA, Room No. 256-A & AIRPFA, Room No. 256-D Rail Bhavan

Pranav Kumar Mallick
24/04/2024
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Copy for information and necessary action:

1. ED/CE(Plg.)/RB,
2. CPDE (TMS)/NR
3. GM (Civil Engg. Proj.)/CRIS,
4. GM (Operations Research), CRIS,
5. GM/TAMS/CRIS
6. Dy.CPM FOIS/NR

Pranav Kumar Mallick
24/04/2024
(Pranav Kumar Mallick)

ED / Transformation, Railway Board

Copy to:

1. Advisor/MR, EDPG/MR, OSD/MR, OSD/Coord/MR, Additional PS/MR PS/MoSR(D), EDPG/MoSR(D), EDPG/MoSR(J), Addl.PS/MoSR(J)
2. PSOs/Sr.PPSs/PPSs to CRB & CEO, M/O&BD, MF, M/TRS, M/Infra
3. All DGs, Secretary/RB, All AMs, PEDs, All EDs, Railway Board.
4. IG/P&TS, Railway Board.
5. RBCC, Room No. 476 for uploading on the website.

Pranav Kumar Mallick
24/04/2024
(Pranav Kumar Mallick)

ED / Transformation, Railway Board