

भारतसरकारGOVERNMENT OF INDIA
रेलमंत्रालयMINISTRY OF RAILWAYS
रेलवेबोर्डRAILWAY BOARD

No.2024/I & Trans. Cell / GMT/ GTKM &TKm

New Delhi, Date: 31.08.2024

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

Subject: GTKM and Train Km Data

Ref. Railway Board's letter no. No.2024/I&Trans. Cell/GMT dt. 24.04.2024

Railway Board vide its letter under ref. has issued instructions on Traffic Density (GMT) Data which is based on every single freight and coaching train on every Block Section over IR.

2. As laid down in the Railway Board's letter under ref.,
 - a) Chainages have been reconciled.
 - b) GMT Data for 2023-24 has been compiled and is available in TAMS (SMRTI) i.e. Traffic Accounts Management System (Statistical Module on Rail Transport Information).
 - c) Data for CFY 2024-25, month-wise (and day-wise) is available in TAMS (SMRTI).

3. However, given the importance of the data and dynamic field conditions in terms of traffic and station / sectional layout, it is important that Zonal Statistical Units along-with Operating and Engg. BOs at Field / Divisional Units should review /reconcile Traffic Density (GMT data) and Chainages on monthly basis with special emphasis on junctions where there are station yard bypass lines / flyovers / RORs and mid-sections Block-Hut / Junctions for diverting traffic to Branch Lines/ Feeder Lines.

4. Heat Map of Traffic Density, visually displaying traffic density data-value patterns across IR Network has been developed by CRIS based on the above data. It gives insight on traffic flows on IR network systems map. CRIS would provide similar Heat Map on the TMS Data (since the Traffic Density is set to zero whenever a rail is replaced either as a planned renewal or casual renewal etc.). Since GMT data is the basis for proposed / planned track renewals,the link on the Heat Map mentioned above shall also be provided by CRIS in IRPSM.

Data Integrity vital for Data Reliability of inter-related & interdependent statistical units.

5. GTKMs and Train Kms are the two statistical units crucial for measuring output of Service performed, Costing, IRFA, Fuel Efficiency, Traffic inter-change data and transactions with SPVs etc. GTKM (Gross Tonne Kilometer) is based on Gross Weight (actual weight of the train including tare weight) of every Train in a Block Section and Traffic

Density (GMT) is also Gross Weight (actual weight of the train including tare weight) of every Train in a Block Section, while Train-Km is movement of a Train over a distance of one Kilometer. Therefore, in continuation to Railway Board's letter under ref. and with due adherence to extant provisions of IR Manual of Statistical Instructions, it has been decided that, for Freight and Coaching Services, GMT Data (as already being captured in TAMS (SMRTI), Train Km Data and GTKM (GTKM = GMT*Train Km) Data (Traction-wise & Gauge-wise), would flow from FOIS/ ICMS/ CoA to TAMS (SMRTI) on a daily /monthly basis and verified by Zonal Statistical Units for use by the Zonal Railways.

6. These 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 (MF and the CRB & CEO)

Kindly acknowledge receipt and ensure compliance.


Pranav Kumar Mallick
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No.2024/I & Trans. Cell / GMT/GTKM &TKm

New Delhi, Date: 31.08.2024

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

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(JDF/CCA)
for Member (Finance)

Copy-As per list enclosed

Copy for information to:

1. The Director General, National Academy of Indian Railways, Vadodara.
2. The Director General, Indian Railway Institute of Civil Engineering, Pune.
3. The 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

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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

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Copy for information to:

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

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