



भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड (Railway Board)



No. 2020/Tele/15(3)/2

Rail Bhawan, New Delhi – 110 001  
Dated: 16.01.2023

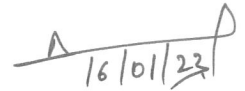
**PCSTE,  
All Indian Railways**

**Sub: Revision of Yardsticks of Telecom Department.**

**Ref: (i) Railway Board Letter No. (MPP)2021/1/1 dated 13.10.22.  
(ii) Railway Board Letter No. E(MPP) 2021/1/1 Dated 15.11.2022.  
(iii) Railway Board Letter No. E(MPP) 2021/1/1 Dated 12.01.2023.**

Vide reference above, Yardsticks for Telecom Department have been reviewed, revised & issued by MPP Directorate with clarifications. In view of above, Manpower for Telecom Department may be calculated as per the revised yardsticks/clarifications issued by the MPP Directorate and any surplus/shortage of manpower at Zonal Railway level as result of above exercise may be communicated to Board within two months time.

DA: 3 letter as referred in reference above.

  
(धर्मेन्द्र सिंह)

निदेशक/ दूरसंचार

दूरभाष 011-23388504, 030-44613

ई.मेल [dtele@rb.railnet.gov.in](mailto:dtele@rb.railnet.gov.in)

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
RAILWAY BOARD

RBE No. 128 /2022

No. E(MPP)2021/1/1

Dated, 13 / 10 /2022

The General Managers,  
All Indian Railways, including Production Units and Others

**Sub:** Revision of Yardsticks of Telecom Department.

An action plan was formulated by Board for Manpower Management, wherein, it was decided that yardsticks of O&M activities of various departments be revised taking into account technology Upgradation, Outsourcing experience and Benchmarking standards set by different Railways.

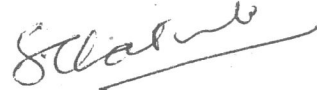
2. Accordingly, the yardsticks for Telecom department have been revised and enclosed as an annexure.
3. Henceforth, the requirement of Manpower for the said activities should be calculated based on the revised yardsticks. The Manpower strength for the existing assets should be reviewed, based on the revised yardsticks and excess posts be surrendered immediately.
4. All the clarifications/queries/references, if any, regarding revised yardsticks are to be made to Telecom directorate Railway Board.
5. This supersedes all earlier instructions on the yardsticks for above activities, issued in past.
6. This issues with the concurrence of Finance Directorate of the Ministry of Railways.
7. Please acknowledge receipt.

  
Renu Yadav  
Director (MPP)  
Railway Board  
13/10/22

DA: As above

Copy forwarded for information to:

1. PFAs, All Indian Railways and Production Units, DG/RDSO, DG/NAIR & CTIs.
2. The Dy. Comptroller & Auditor General of India (Railways), Room No.224, Rail Bhawan, New Delhi.



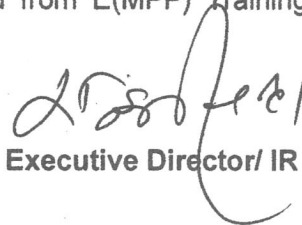
For Member Finance /Railway Board

No. E(MPP)2021/1/1

Dated 13/10/2022

**Copy to:**

1. The General Secretary, NFIR, 3 Chelmsford Road, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
2. The General Secretary, AIRF, 4 State Entry Road, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
3. The Secretary General, FROA, R.No.256-A, Rail Bhavan, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
4. The Secretary General, IRPOF, R.No.268, Rail Bhavan, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
5. All Members, Department Council & Secretary Staff side National Council 13-C, Ferozeshah Road, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
6. The Secretary General, AIRPF Association, Room No.256-D, Rail Bhavan, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
7. General Secretary, All India SC & ST Railway Employees Association, 171/B-3, Basant Lane Railway Colony, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).

  
For Principal Executive Director/ IR

Telecom Yardsticks

## 1. Staff for Stations:

| Category     | A1 with >12 Platform                                                                                        | A1 with <12 Platform | A&B               | C                | D & E             | F                |
|--------------|-------------------------------------------------------------------------------------------------------------|----------------------|-------------------|------------------|-------------------|------------------|
| SSE/JE       | 1*                                                                                                          | 1                    | 1/12 <sup>s</sup> | 1/6 <sup>s</sup> | 1/24 <sup>s</sup> |                  |
| Technician   | 2*                                                                                                          | 1*                   | 1/4 <sup>s</sup>  | 1/3 <sup>s</sup> | 1/6 <sup>s</sup>  | 1/6 <sup>s</sup> |
| Helper       | 2*                                                                                                          | 1*                   | 1/4 <sup>s</sup>  | 1/4 <sup>s</sup> | 1/12 <sup>s</sup> |                  |
| SSE Incharge | For every 6 sectional SSE/JE there shall be 1 SSE in-charge along with 01 JE/SSE, 02 Technician & 02 Helper |                      |                   |                  |                   |                  |

## 2. Additional Station Staff on account of PRS/UTS:

| Category   | 10 to 20 Nodes | >20 Nodes |
|------------|----------------|-----------|
| SSE/JE     | -              | 1         |
| Technician | 1              | 1         |
| Helper     | -              | 1         |

## 3. Staff for OFC (every 600 Rkms):

| Category   | Without AMC | With AMC |
|------------|-------------|----------|
| SSE/JE     | 3           | 2        |
| Technician | 3           | 2        |
| Helper     | 5           | 2        |

*Note: Technicians & JE should be trained & used for cable jointing & splicing.*

## 4. Staff for Quad Cable (every 600 Rkms):

| Category   | Without AMC | With AMC |
|------------|-------------|----------|
| SSE/JE     | 3           | 2        |
| Technician | 3           | 2        |
| Helper     | 5           | 2        |

*Note: Technicians & JE should be trained & used for cable jointing & splicing.*

## 5. Staff for Exchanges:

| Category     | Upto 1024 Ports                                                                                             | 1024 - 4096 Ports | >4096 Ports |
|--------------|-------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| SSE/JE       | -                                                                                                           | 1                 | 2           |
| Technician   | 2                                                                                                           | 2                 | 8           |
| Helper       | 0                                                                                                           | 2                 | 8           |
| SSE Incharge | For every 4 sectional SSE/JE there shall be 1 SSE in-charge along with 01 JE/SSE, 02 Technician & 02 Helper |                   |             |

## 6. Staff for Railnet:

| Category   | < 750 Nodes    | 750 to 1500 Nodes | 1500 to 2500 Nodes | >2500 Nodes    |
|------------|----------------|-------------------|--------------------|----------------|
| SSE/JE     | 1 <sup>#</sup> | 1 <sup>#</sup>    | 1 <sup>#</sup>     | 2 <sup>#</sup> |
| Technician | 2 <sup>#</sup> | 3 <sup>#</sup>    | 4 <sup>#</sup>     | 6 <sup>#</sup> |
| Helper     | -              | -                 | -                  | -              |

## 7. MTRC:

| Category   | BSC/MSR/EPC | BTS/eNodeB        |
|------------|-------------|-------------------|
| SSE/JE     | 1*          | 1/10 <sup>†</sup> |
| Technician | 2*          | 1/10 <sup>†</sup> |
| Helper     | 1*          | 1/10 <sup>†</sup> |

## 8. Staff for Rajdhani/Shatabdi Express:

| Category   | Static Maintenance | Supervision | Running Staff |
|------------|--------------------|-------------|---------------|
| SSE/JE     | -                  | 1           | -             |
| Technician | 2                  | 2           | 1             |
| Helper     | 1                  | 2           | -             |

**9. Major NOC/Control Office:**

| Category   | Major NOC |
|------------|-----------|
| SSE/JE     | 2*        |
| Technician | 2*        |
| Helper     | 1         |

**10. CCTV Monitoring Setup:**

| Category   | Command Control Centre |
|------------|------------------------|
| SSE/JE     | 1*                     |
| Technician | 1*                     |
| Helper     | 1*                     |

**11. V-SAT Hub Staff:**

| Category   | V-SAT Hub |
|------------|-----------|
| SSE/JE     | 2*        |
| Technician | 2*        |
| Helper     | 1*        |

**12. Stores in Divisions:**

| Category                                         | Per store in Division |
|--------------------------------------------------|-----------------------|
| SSE/JE                                           | 1                     |
| Technician                                       | 2                     |
| Helper                                           | 5                     |
| Clerk                                            | 1                     |
| <i>Only two central stores in each division.</i> |                       |

**13. Staff at Zonal Headquarter:**

| Category   | Telecom control HQ | TA for Planning, estimation, bill payment, CUG, Stores, WPC & PTCC activities, liaison RCIL and other service providers etc. | Telecom Activities - conference hall, Indication light, video conferencing etc. |
|------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| SSE/JE     | 1*                 | 4                                                                                                                            | 1                                                                               |
| Technician | 1*                 | 1                                                                                                                            | 6                                                                               |
| Helper     | -                  | -                                                                                                                            | -                                                                               |

**14. Staff at Divisional Headquarter:**

| Category   | TA for Planning, estimation, bill payment, CUG, Stores, WPC & PTCC activities, liaison RCIL and other service providers etc. | Telecom Activities - conference hall, Indication light, video conferencing etc. | Telecom related activities related to provision of PAE & display system etc. during VIP functions. |
|------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| SSE/JE     | 3                                                                                                                            | 1                                                                               | 1                                                                                                  |
| Technician | 3                                                                                                                            | 5                                                                               | 3                                                                                                  |
| Helper     | -                                                                                                                            | -                                                                               | -                                                                                                  |

\* 03 shift of 8 hours each to be managed with 4 persons.

# 02 shifts of 8 hours each to be managed with 2 persons.

§ x/y - x person for every y stations

† One person per 10 BTS/eNodeB

**Note 1. The above Yardsticks have been formulated by considering the Annual Maintenance contract (CAMC)/ Annual Repair Contract (ARC) for following assets:**

1. Passengers Information System including Train Indication, Coach Guidance System & PC Based announcement System.
2. Datacom Equipments including Routers, Switches, LAN Extender & Server.
3. Video Surveillance System (VSS)/ Integrated Surveillance System (ISS).
4. Telephone Exchanges.
5. MTRC System including BSC/MSC/EPC & BTS/eNodeB.

**Note 2. Loading, unloading of PCP Sets wherever being done departmentally, should be outsourced.**

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
RAILWAY BOARD**

No. E(MPP)2021/1/1

Dated, 15/11/2022

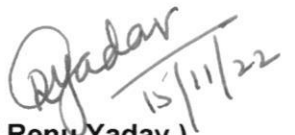
**The General Managers,  
All Indian Railways, including Production Units and Others**

**Sub:** Revision of Yardsticks of Telecom Department.

**Ref:** This office letter of even no. dated 13/10/2022

In continuation of letter under reference regarding revision of yardsticks for Telecom department, following clarification is issued :

1. Adjustment of Excess/Shortage of posts at Divisional level (i.e transfer of surplus sanctioned posts from a Division to the Division having shortage of posts within a Zone) may be done at Zonal level and adjustment of Excess/Shortage of posts at Zonal Level ( i.e transfer of surplus sanctioned posts from a Zone to the Zone having shortage of posts within Indian Railways) will be done by Telecom Directorate at IR level.
2. Due to difference between the sanctioned strength as per the revised yardstick and on roll strength if any work hampers , the same is to be managed by outsourcing, based on requirement of zonal Railways, with no outsourcing at the level of SSE/JE.

  
( Renu Yadav )  
Director (MPP)  
Railway Board

Government of India भारत सरकार  
Ministry of Railways रेल मंत्रालय  
(Railway Board) (रेलवे बोर्ड)

No. E(MPP)/2021/1/1

New Delhi, Date: 12.01.2023

**The General Manager,  
All Indian Railways & Production Units and Others**

**Sub:** Revision of Yardsticks of Telecom Department

**Ref:** This office letter of even no. dated 13.10.2022 (RBE No. 128/2022) & 15.11.2022

In continuation of Board's letters under reference regarding revision of yardsticks for Telecom department, it is clarified that the revised yardsticks do not take into account Leave Reserve (LR) which may be calculated as per the existing norms.

2. This issues with the concurrence of Finance Directorate of Railway Board.

  
(Ashok Kumar Das)  
Joint Director/E(MPP)