

Telecom Achievements from April 2021 to November 2022

New Installation

1. New GPS based tower digital clock installed at Kolhapur station main entrance roof.
2. New Blue color GPS clock installed at platform no. 6 of Pune station.
3. 05 nos. of counter communication system installed at ground floor Pune PRS and 01 at Hadapsar PRS.
4. New PC based Announcement system installed at Hadapsar station.
5. New column speaker installed in waiting room at Uruli station.
6. New CCTV cameras installed at Shivajinagar, Khadki, Dapodi, Kasarwadi and Pimpri station by RCIL under VSS work.
7. Installation of New router and switch of HP make completed at 20 stations of Pune division.
8. New 36 ATVM wiring done at various stations of Pune division.
9. New WEBFIL Mux installed at Lonavala for Pune-Daund Control protection.
10. Provided Electronic gate phone at LC-62A for communication between Dapodi & LC-62A along with standby 2-wire 12-way DTMF phone.
11. Provided standby Gate phone arrangement at LC GATE-62AA with Dapodi along with 12V/10A charger with 12V/65AH battery.
12. Electronic LC gate telephone provided at LC 100 gate between Karad-Shirwade section.
13. In house Development, configuration and customization of open source Network Monitoring tool (NMS) for Railnet equipment based on PHP, Mysql and database programming language and open source Ubuntu operating system.
14. New 21 Nos. Coach guidance display boards installed on down side platform of Chinchwad station.
15. 3 KVA isolation transformer installed at Hatkanangle, Valivade & Gurmarket station in OFC room.
16. Fire Alarm installation at 49 telecom rooms at various stations of Pune division.
17. Commissioning of 2-Wire control communication over OFC in Pune-Lonavla section.
18. Double roof work of porta cabin completed at 11 stations of Pune-Lonavla section namely: Shivajinagar, Kasarwadi, Pimpri, Chinchwad, Akurdi, Begdewadi, Ghorawadi, Talegaon, Vadgaon, Kamshet and Malvali stations.
19. Shifting of all telecom assets from old OFC to new OFC Hut and cable wiring done at Shenoli and Loni.
20. OFC connectivity provided at SMM/D/GPR office for Railnet connections.

New Circuit Provisioning

21. Testing and programming of E1 channel for SCADA at 12 stations/locations along with SCADA equipments installation.
22. Testing and programming of channel for TPC phone 16 stations/locations.
23. Testing and programming of E1 channel at 11 stations for Block working.
24. Block Phone installed and commissioned at 9 stations.
25. Provisioning of 4Mbps Ethernet link for MSDAC connectivity from Pune to Kamshet station.
26. 6 Quad media & E1 & OFC channel provided for USFBI between 6 sections of Pune-Kolhapur.

27. Provided 6 Quad media & OFC channel for DUAL BPAC circuit between Palsi-Wathar section.
28. PFC contact of charger is given in Data logger at 41 stations of Pune division.
29. Pune exchange connectivity has been successfully migrated to upgraded Railnet network from NGN Network by installing Router at Pune Microwave building.
30. Provisioning of E1 connectivity for FOIS, Datalogger, Exchange, Railnet protection path over Pune division.

Replacement of Assets/Maintenance of cables

31. Old CISCO PRS & UTS Router and Switch replaced by new HP Switch and Routers at 20 locations.
32. At 22 stations out-lived battery for telecom installation is replaced having 24 cells for 48V (battery bank).
33. At 14 stations out-lived Charger for telecom installation is replaced having (n+1) configuration with capacity 48V/25A.
34. New 48V battery bank for telecom is installed at Akurdi, Shivajinagar, Khadki station.
35. New Charger for telecom equipments installed at Akurdi, Shivajinagar, Khadki station having (n+1) configuration with capacity 48V/50A.
36. 12V/65AH battery replaced for 25 W VHF at 14 stations of Pune division.
37. 25W VHF set replaced at Salpa.
38. Webfil Mux replaced at 18 stations of Pune-Kolhapur section.
39. 1Km OFC & 6-Quad cable laying with trenching work is done in Alandi-Shindawane section as existing cable was out of Railway boundary due to which one cable cut case occurred. Its jointing and termination is done at Alandi station.
40. STM-1 Equipment have been replaced at Kamshet station of Pune-Lonavla section and from Pune to Satara at 18 stations.
41. At Loni station, the outlived Electronic Exchange is replaced and upgraded by New Matrix IP Exchange.
42. Rewiring done for 40 Railnet users at Admin building of diesel shed.