

TELECOM ACHIVEMENTS (2021-22)

- 1. NEW OFC LAID IN SKI-BIRL SKI-TMA &SOU-RGV SECTION(100 km).**
- 2. NEW OFC TAKEN OVER FROM CONSTRUCTION WING. (27 Section)**
MFP-KVC, KTI-PPRH, PPRH-MTR, MTR-MHL, MHL- MAI, MAI-CAA, CAA-PPA, JDR-BMKI, SGL-MJL, MJL-BTH, KUMB-CAI, CAI-SAHI, SAHI-NKE, NKE-CAMU, CAMU-HIR, HIR-BRU, BUG-VKNR. **SKI-MGI, MGI-LNO, LNO-JJP, JJP-TMA, SHC-PGC, PGC-GEB, GEB-SOU, SOU-TB, TB-SRGR, SRGR-RGV.**
- 3. NEW QUAD CABLE TAKEN OVER FROM CONSTRUCTION WING. (29 Section)**
KVC-KTI, KTI-PPRH, PPRH-MTR, MTR-MHL, MHL-MAI, MAI-CAA,CAA-PPA, JDR-BMKI, SGL-MJL, MJL-BTH, KUMB-CAI, CAI-SAHI, SAHI-NKE, NKE-CAMU, CAMU-HIR, HIR-BRU, BRU-KPB, KPB-BUG, BUG-VKNR. **SKI-MGI, MGI-LNO, LNO-JJP, JJP-TMA, SHC-PGC, PGC-GEB, GEB-SOU, SOU-TB, TB-SRGR, SRGR-RGV.**
- 4. INSTALLATION OF CCTV**
CCTV camera provided at SKI Stn(4 Nos), BUG (4 Nos) Stn, DBG (ASM room), in Signal Store (6 Nos) & Telecom Store(9 Nos) at Samastipur.
- 5. PROVISION OF FREE WI-FI FACILILTY (13 Stations)**
Wi-Fi facility provided at MAI, DUMR, GARA, RUSD, PATR, JUBS, TB, SOU, SRGR, BIRL, MGI, LNO & JJP Stations.
- 6. REPLACEMENT/REHABILITATION OF DEFECTIVE QUAD AND OFC CABLES ON RELIABILITY.**
(a) Quad Cable- 23.662 Km.
(b) OFC cable- 1.055 Km
- 7. INSTALLATION OF FCT PHONE (TOTAL – 4 No.)**
DBG enquiry, HYT, HRGR, PDW station
- 8. PROVISION OF FABIO 4C EQUIPMENT (08 Section)**
FABIO 4C equipment installed for connectivity of Axle counter & UFSBI on E1 at NKE – SAHI, ADX-RXL, CAO-ADX, SBV-SBM, SBM-SHC, BJT-DMH, MRIJ-JNKR, JNKR-BNKI Sections of division.
- 9. PROVISION OF FABIO 2CX EQUIPMENT (TOTAL – 40 Section)**
FABIO 2CX equipment installed for connectivity of Axle counter & UFSBI on E1 & Quad cable in SGL-MJL, GEB-SOU, LSI-TLWA, MAI-MHL,SGL-RGH, BTH-KUMB, DBG-MHP, SMI-RGA, RGA-DAG, DAG-BGU SPJ-MKPR, MKPR—KSP, KSP-RBZ, HYT-TLWA, TLWA-LSI, LSI-DBG, DBG-KKHT, KKHT-TRS, TRS-SKI, SKI-PDW, PDW-MBI, MBI-RJA, RJA-KJI, KJI-JYG, SKI-MGI, MNE-BHB, BHB-DHT, DHT-KFA, KFA-SBV, SHC-PGC, PGC-GEB, GEB-SOU, SOU-TB, TB-SRGR, SHC-BYP, DMH-BDMA, BDMA-MRIJ, BNKI-SRSI, SRSI-KTNR, KTNR-PRNC.
- 10. PROVISION OF SIGNAL-X EQUIPMENT (TOTAL – 4 Section)**
SIGNAL-X equipment installed for connectivity of Axle counter & UFSBI on Dark OFC, E1 & Quad cable in BGU-KWC, KWC-GRH, GRH-CAO & MGI-LNO.
- 11. RAILNET CONNECTIVITY PROVIDED AT DIFFERENT LOCATIONS**
Railnet connectivity provided at CCTV/SKI. DMO/DBG, AME/Off, SS/BMKI, SS/RXL, BMKI (Health unit) ,NKE (Rly. Hospital), SS/SHC
- 12. INSTALLATION OF ELECTRONIC TRAIN DISPLAY BOARD (2 Station)**
Smart electronic train indication board Installed at **Bugha, Sitamarhi** Stations.
- 13. 2Mbps NETWORK CONNECTIVITY PROVIDED & COA SYSTEM INSTALLED/ COMMISSIONED - at BMKI.**

- 14. 2Mbps NETWORK CONNECTIVITY EXTENDED & ICMS SYSTEM INSTALLED/ COMMISSIONED - (13 Station)**
At SPJ, SHC, DMH, DBG, SKI, JYG, SMI, BMKI, BTH RXL, NKE, BNKI & PRNC ASM Room.
- 15. INSTALLATION OF DIGITAL CLOCK (2 Station)**
Digital Clock Installed at SOU & SRGR station of Samastipur
- 16. INSTALLATION OF TMS (1 Station)**
TMS provided at SBM
- 17. CGB SYSTEM INTIGRATED WITH COIS NETWORK (05 Station)**
SHC, SPJ, DBG, SMI, BMKI.
- 18. OSPF MIGRATION WORK OF UTS/PRS SYSTEM OF ENTIRE SAMASTIPUR DIVISION DONE.**
- 19. UTS LINK PROVIDED FOR COMMISSIONING NEWLY INSTALLED ATVM SYSTEM**
At RXL station (3No.), DBG station (3No.).
- 20. AUTO ANNOUNCEMENT INSTALLED AT BUG Stn.**
- 21. MANUAL P A SYSTEM INSTALLED : (10 Stn.)**
At PGC, GEB, SOU, TB, SRGR, RGV, HRGR, MGI, LNO & JJP Stn
- 22. ANALOG CLOCK INSTALLED: (10 Stn.)**
At PGC, GEB, SOU, TB, SRGR, RGV, HRGR, MGI, LNO & JJP Stn
- 23. SPD INSTALLED AT OFC ROOM (13 stn.)**
MKPR, MNE, BHB, DHT, KFA, SBV, SBM, SHC, TB, SRGR, SOU, BYP & DMH., KSP, RBZ, TLWA, LSI, DBG Exch., KKHT, TRS, SKI
- 24. PROVISION OF ADM PHONE (5Stn.)**
ADM Phone provided at ASM table at PGC, GEB, SOU, TB, SRGR stn.
- 25. PROVISION OF LARGE SCREEN FOR SIGNALLING MULTIMONITORING SYSTEM INSTALLED IN CNL TEST ROOM SAMASTIPUR.**
- 26. PROVISION OF TPC PHONE (115 LOCATION)**
- 27. E1 CONNECTIVITY ESTABLISHED FROM SPJ SCADA ROOM TO NEWLY INSTALLED SCADA EQUIPMENT (10 Stn.)**
E1 connectivity established for newly installed SCADA Circuit has been provided in SMI, DUMR, RUSD, PATR, DBG, KML, JNR(Chandauna), BJT, RGA, VKNR station from SPJ.
- 28. PROVISION OF MASTER - SLAVE GATE PHONE (60 No.)**
Slave Gate phone provided at LC-41 (controlled from PGC), LC 10, 11 (controlled from MBI), LC Gate 8, 9, 10, 11 (controlled from MBI), LC Gate 66,64,63,62 (controlled from MRIJ), LC Gate 61, 60, 59, 58, 55 (controlled from JNKR)., LC Gate 16,17,18 (controlled from RJA), LC Gate 22,23,24 (controlled from RJA) & LC Gate 1A,1B,1C &1D (from OLP). Gate No. 21c, 23c, 24c (KML-JGA), Gate no. 50c, 51c (JNKR-BNKI Sec), G.No. 43, 46c, 47, 48 and 49c (GEB-SOU), Gate No. 43,44 (connected with KP.B. Sec), Gate no. -06,08,09 (SRGR-RGV Sec), G.No. 3C,4C,6C,7C,17C,15C,14C,9C,10C (BNKI-BAKT) Gate No. 34C,35V,36C KP.B-BRU (controlled from BRU), Gate No. 43c controlled from BLV & 44c controlled from STF in STF - BLV, LC gate no. 56c & 57c controlled from GKA in GKA - MRJD, LC gate no. 2C,3C,4C controlled from BGU in BGU-KWC in Samastipur Division.

- 29. NEW OFC SYSTEM (STM & PD MUX) INSTALLED AND ALL VOICE & DATA CIRCUIT TRANSFERED ON OFC MEDIA IN** (16 Stn.)
DUMR, GARA, RUSD, PATR, JUBS, MGI, LNO, JJP, BIRL, PGC, GEB, SOU, TB, SRGR, RGV, TMA
- 30. TRANSFER OF UTS/PRS on OFC MEDIA** (15 Stn.)
Transfer of UTS/PRS Circuit has been done on OFC media from V-SAT at DUMR, GARA, RUSD, PATR, JUBS, MGI, LNO, JJP, BIRL, PGC, GEB, SOU, TB, SRGR. RGV,
- 31. PROVISION OF NEW STM-4 (NEW INSTALLATION OR REPLACEMENT WITH STM1)** (25 Stn.)
New STM-4 Provided at SPJ OFC Room, MFP, KVC, SGL, RXL, NKE, SMI, SKI, JYG, MNE, SHC, PGC, GEB, SOU, TB, SRGR, RGV, MGI, JJP, MNE, DBG, LSI, TLWA, HYT, RBZ, MKPR,
- 32. PROVISION OF STM 1 TJ 1400 (NEW INSTALLATION OR REPLACEMENT WITH STM1 TJ100)** (21 Stn.)
New STM-1 TJ1400 Provided at DUMR, DARA, RUSD, PATR, JUBS, PPA, JDR, SRA, CAI, SAHI, HIR, BRU, KPB, LNO, RGH, CAO, GRH, JNR, MHP, BIRL, PRNC.
- 33. OPTICAL CONNECTIVITY BETWEEN RAILWAY STM & RCIL STM DONE** (11 Stn.)
NMS ROOM/SPJ, MW/SPJ, DBG, JYG, SMI, RXL, SGL, NKE, MFP, MNE, SHC.
- 34. WEBFIL MUX INSTALLED (08 Stn.)**
BDMA, MRIJ, JNKR, BNKI, SRSI, KTNR, PRNC & PRNA.
- 35. 48V (24Nos X 2V) 400AH, BATTERY SET PROVIDED FOR OFC/EXCH. EQUIPMENT: (40 Set)**
SHC, OFC Room/SPJ, TELE EXCH./SPJ, SKI, BIRL, NKE/OFC, NKE/EXCH, BDMA, MRIJ, JNKR, BNKI, SRSI, KTNR, PRNC, PRNA, TRS, LSI, KKHT, TLWA, DMH, DHT, MHP, KML, BYP,BHB, SHC exchange, DBG exch. JYG, TRS, PDW, KKHT, KJI, JGA, JNR, BJT, RGA, DAG, TLWA, KSP & CAI.
- 36. 48V CHARGER INSTALLED OFC EQUIPMENT AT**
OFC Room/SPJ, TELE EXCH./SPJ, NKE/OFC, NKE/EXCH, PRNC, KTNR, SRSI, JNKR, DMH, SKI, BIRL, BDMA, MRIJ, JNKR, BNKI, SRSI, KTNR, PRNC, PRNA, TRS, LSI, KKHT, TLWA, DMH, DHT MHP KML, BYP, BHB, SHC exchange, DBG exch. JYG, TRS, PDW, KKHT, KJI, JGA, JNR, BJT, RGA, DAG, TLWA, KSP, GKA & CAMU (42 No.)
- 37. MAINTENANCE FREE EARTHING DONE (94 Stn./236 No.)**
- 38. CONVENTIONAL EARTHING DONE** (64 No.)
At all LC gate between DMH-PRNC section (52 No.), LC gate nos. 37c, 38c, 39c and 40c between JNR-BJT, At LC Gate no 8, 9, 10, 11 (MBI-RJA) & 18 (RJA-KJI). At LC Gate no 30, 31 (KJI-JYG).
- 39. VSAT INSTALLED FOR UTS TICKETING. (TOTAL -03 STATION)**
NMA, PPV, LLP.