

## **Important achievements made during the year “2023-24” up to JUN’23**

### **Signal**

1. EI (Electronic Interlocking) commissioned at CKH [Make-Kyosan] on 06.04.23, KSC [Make-Kyosan] on 01.06.23 along with Yard modification work replacing existing PI.
2. EI (Electronic Interlocking) commissioned at TRG [Make-Kyosan] on 17.06.23 & ASTHAWAN [Make-Kyosan] on 29.06.23.
3. ROR Line commissioned in between PMI-BNF on 29.06.23.
4. 3 Nos. of Interlocking done at LC 71’C’ (GZH-PNC) [TVU < 50,000] on 03.04.23, LC 98A (DHA-SLD) [TVU < 50,000] on 10.06.23 & LC 9 B2 (DLN-TRG) [TVU < 50,000] on 17.06.23.
5. Replacement of obsolete UAC (Universal Axle Counter) with Track circuit in DN Loop at TWG station on 09.05.23.
6. 3 Sets of UFSBI provided at KSC-SHK (Make-Webfil) on 01.06.23, ASTHAWAN-BEHS [Make-DDC] on 29.06.23 & PMI-BNF [Make-Deltron] on 29.06.23.
7. 4 Nos. of HASSDAC (BPAC) provided at KSC-SHK, KSC-WRS [Make-CEL] on 01.06.23, ASTHAWAN-BEHS [Make-GGT] & PMI-BNF [Make-CEL] on 29.06.23.
8. IPS provided at KSC [Make-Statcon] on 01.06.23, TRG [Make-Statcon] on 17.06.23 & ASTHAWAN [Make-ARPS] on 29.06.23.
9. Data Logger provided at KSC [Make- EFFTRONICS (Digital: 1024)] on 01.06.23, TRG [Make-EFFTRONICS (Digital: 512)] on 17.06.23 & ASTHAWAN [Make- EFFTRONICS (Digital: 1024)] on 29.06.23.
10. LED Signal provided at TRG [Make- RT Vision] (18 Nos.) on 17.06.23 & ASTHAWAN [Make-RT Vision & Tilak International] (12 Nos.) on 29.06.23.
11. LED Signal Aspect provided at TRG (40 Nos.) on 17.06.23 & ASTHAWAN (28 Nos.) on 29.06.23.
12. 22 Nos. of Remote Terminal unit (RTU) provided at interlocked LC Gates 102S (SLD-KCA), 87C (DLN-DRV), 85S (BWH-DLN), 85A/S (BWH-DLN), 82B1 (GMR-BWH), 69S (BUE-BXR), 68A (DURE-BUE), 4S (PNBE-PRBZ), 9A (FUT-DHWN), 23B1 (HIL-IPR), 26B1 (HIL-IPR), 27B1 (HIL-IPR), 29B1 (HIL-IPR), 38 (DNR-NEO), 42 (NEO-BTA), 11A (PRBZ-PPN), 20 (NDW-TEA), 29 (JHD-THA), 30 (JHD-THA), 31 (JHD-THA), 58 (BLA-CKH), 63 (CKH-GYA).
13. COA (Control Office Application) commissioned at DLN on 07.04.23.
14. 3 Nos. of ELB provided at Interlocked LC 71’C’ (GZH-PNC) on 03.04.23, LC 98A (DHA-SLD) on 10.06.23 & LC 9 B2 (DLN-TRG) on 17.06.23.
15. 3 Nos. of Sliding Boom provided at Interlocked LC 71’C’ (GZH-PNC) on 03.04.23, LC 98A (DHA-SLD) on 10.06.23 & LC 9 B2 (DLN-TRG) on 17.06.23.
16. 504 Nos. of TRD structural bond insulation provided beneath positive rail of track circuit at BXR (4 Nos.), NEO (1 No.), DNR (2 Nos.), PWS (3 Nos.), PNBE (3 Nos.), PNC (13 Nos.), GZH (6 Nos.), RDUM (14 Nos.), SGYN (12 Nos.), DHWN (21 Nos.), CKH (09 Nos.), JHD (4 Nos.), TEA (2 Nos.), WZJ (20 Nos.), PMI (50 Nos.) in MAY’23 and KCA (5 Nos.), DHA (1 No.), ZNA (6 Nos.), BQW IBH ( No.), CSA (1 No.), BXR (4 Nos.), PWKP IBH (1 No.), BTA (8 Nos.), BHC (2 Nos.), KUA (7 Nos.), JMIR IBH (02 Nos.), SDE IBH (1 No.), PNC (13 Nos.), BKG (9 Nos.), GHZ (5 Nos.), MNP (3 Nos.), BSQP (15 Nos.), ORO (15 Nos.), KRJR (40 Nos.), TIA (2 Nos.), NWD (2 Nos.), WRS (1 No.), HRT (6 Nos.), WENA (4 Nos.), BEHS (12 Nos.), POE (2 Nos.), NLD (2 Nos.), SILO (4 Nos.), RGD (2 Nos.), KTRI (4 Nos.), GHR (3 Nos.), RJO (4 Nos.), PNBE/W (12 Nos.), ARA (13 Nos.), KRS (4 Nos.), BEA (1 No.), RPR (6 Nos.), KOO (2 Nos.), IPR (10 Nos.), SGYN (10 Nos.), KDJB (13 Nos.), ATL (7 Nos.), BKPL (5 Nos.), KRNN (4 Nos.), TKBG (3 Nos.), BKP (1 No.), THA (4 Nos.), KWO (3 Nos.), FUT (2 Nos.), GHR (4 Nos.), JAJ (4 Nos.), PPN (5 Nos.), PRBZ (2 Nos.), PFT (3 Nos.), NDW (4 Nos.), NDU (3 Nos.), BLA (20 Nos.), PWS (3 Nos.), NES (8 Nos.), JTIN (4 Nos.) & SCY (3 Nos.) in JUN’23.
17. 96 Nos. of Ballast clearance of Track circuit zone in view of pre monsoon precaution done at RJPB (30), PNBE (2 Nos.), KCA (1 No.), JHD (2 Nos.), KRS (2 Nos.), JAJ (2 Nos.), DNR (1 No.) & BRYA (2 Nos.) in MAY 23 and CSA (3 Nos.), BXR (4 Nos.), DNR (10 Nos.), TKBG (2 Nos.), BKP (5 Nos.), ATL (8 Nos.), BTA (3 Nos.), NEO (5 Nos.), KUA (2) & PNBE (12) in JUN’23.
18. 28 Nos. of Maintenance Free earth in Axle Counter Location Box done at 8 Stations i.e. DLN, DRV, JMIR, KUA, BHC, DNR, SDE & NEO.
19. 133 Nos. of Heat Retarding Paints provided on Location Boxes.

20. Paralleling of VPR with TPR done at IBH & Class 'C' Stations to prevent shorting by miscreants viz; JMIR IBH, PWKP IBH, SDE IBH, BH C, SAN IBH, & DMRX IBH.
21. IRS Point Machine provided at CKH (17 Nos.) on 03.04.23, KSC (12 Nos.) on 01.06.23, TRG (23 Nos.) on 17.06.23, ASTHAWAN (08 Nos.) on 29.06.23.
22. 14 Nos. of Maintenance Free earth in Axle Counter Location Box done at 8 Stations i.e. DURE, BYN, PNBE, SCY, PWS, KSC, TRG & ASTHAWAN.
23. 73.86 Kms. of defective signalling cable replaced.
24. 5 Nos. of Point Machine replaced at PNBE (P326A, 325B & 345B), RDUM (P61A) & NDW.
25. 100 Nos. of Batteries (80 Ah – 45, 300 Ah - 55) replaced.

### Telecom

1. UTS commissioned at KRJR on 14.04.23 & PMI on 03.05.23.
2. CCTV Camera commissioned at HTZ (40 Nos.) on 10.06.23.
3. STM-1 (Make-Tejas) [1 No.] & MUX (Make-Webfil) [1 No.] commissioned at ASTHAWAN on 29.06.23.
4. 25 W VHF set (Make-Motorola) provided at TRG on 17.06.23 replacing existing VHF set.
5. PA System provided at TRG replacing existing PA system.
6. 2 Mbps (Railway) circuit provided between WZJ-KRJR on 14.04.23 & WZJ-PMI on 03.05.23.
7. Master slave telephone provided at LC 27C & 29C (BEHS-WENA) on 23.04.23, LC 60C & 62C (RGD-SILO) on 26.04.23, LC 35C, 36C, 37C & 39C (BEHS-POE) on 30.04.23, LC 55C & 56C (NLD-SILO) on 28.04.23, 4C & 6C (HRT) on 28.04.23, LC 6C, 7C, 8C & 9C (NES-RGD) on 24.05.23, 19AC, 19C, 23C, 24AC, 24C & 25C (WENA) on 19.05.23 in BKP-RGD section.
8. 53 Nos. of Temporary joint has been made permanent joint at WRS-NWD – 1 No. (Kms.53/22-24) on 03.04.23, LINK-RDUM – 2 Nos. (Kms.1/11-12) on 17.04.23, LINK-TAL – 2 Nos. (Kms.05/1) on 18.04.23, RGD-SILO – 2 Nos. (Kms.49/33-50/1) on 19.04.23, BLA-CKH – 2 Nos. (Kms.74/23-25) on 17.04.23 & 18.04.23, BLA-CKH – 1 No. (Kms.73/17-19) on 19.04.23, BLA-CKH – 2 Nos. (Kms.77/1-3) on 20.04.23 & 21.04.23, BLA-CKH – 2 Nos. (Kms.81/11-23) on 24.04.23, NWD-TIA – 2 Nos. (Kms.82/34-36) on 24.04.23, PRBZ-PPN – 1 No. (Kms.11/29-31) on 25.04.23, NWD-TIA – 2 Nos. (Kms.83/30-32) on 26.04.23, PRBZ-PPN – 1 No. (Kms.11/18-20) on 28.04.23, PRBZ-PNBE – 2 No. (Kms.544/20) on 29.04.23, NWD-TIA – 1 No. (Kms.87/1-3) on 08.05.23, MDE-BLA – 1 No. (Kms.63/2-4) on 09.05.23, WRS-NWD – 2 Nos. (Kms.55/14-16) on 12.05.23, JHD-THA – 1 No. (Kms.49/21-23) on 12.05.23, NWD-TIA – 2 Nos. (Kms.86/20-22) on 13.05.23, JHD-THA – 2 Nos. (Kms.53/18-20) on 13.05.23, LC 35C (IPR) – 1 No. on 17.05.23, JHD-THA – 1 No. (Kms.49/25-27) on 27.05.23, IPR-KDJB – 1 No. (Kms.42/38-40) on 28.05.23, HIL-IPR – 1 No. (Kms.36/22-24) on 03.06.23, PPN-PFT – 2 Nos. (Kms.14/5-74, 15/36 – 16/2-1) on 03.06.23, SHK-KSC – 2 Nos. (Kms.29/36-38) on 05.06.23, KWO-KOO – 2 Nos. (Kms. 507/27-29, 512/11-13) on 09.06.23, BEHS-POE – 1 Nos. (Kms.31/1-3) on 14.06.23, BEHS-POE – 2 Nos. (Kms.30/13-15 near old Axle location) on 14.06.23, FUT-DHWN – 2 Nos. (Kms.2/11-13) on 15.06.23, FUT-DHWN – 1 No. (Kms.2/15-17) on 15.06.23, BUE-DURE – 1 No. (Kms. 646/16-18) on 15.06.23, DLN-TRG – 1 No. (Kms.15/26-27) on 18.06.23, NES/SSP – 2 Nos. (Near SSP) on 20.06.23, MOR-MKA – 2 Nos. (Kms.158/25-9, 157/1-26) on 27.06.23.