

Important achievements made during the year “2023-24” up to OCT’23

Signal

1. Safety counseling done for 931 staffs.
2. EI (Electronic Interlocking) commissioned at CKH [Make-Kyosan] on 06.04.23, KSC [Make-Kyosan] on 01.06.23, WRS [Make-Kyosan] on 20.10.23 along with Yard modification work replacing existing PI.
3. EI (Electronic Interlocking) commissioned at TRG [Make-Kyosan] on 17.06.23 & ASTN [Make-Kyosan] on 29.06.23.
4. HTZ station was converted to Class ‘B’ from Class ‘C’ station after modification was done in Electronic Interlocking on 28.07.23.
5. ROR Line commissioned in between PMI-BNF on 29.06.23.
6. Double Line commissioned in between SHK – KSC Section along with modification in existing EI based Signalling system at SHK & KSC on 01.09.2023.
7. Two goods line alongwith shunting facility commissioned at JHD involving alteration in PI on 15.09.23.
8. 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.
9. 1 No. of temporary LC Gate 47A/T (TVU < 50000) was installed and interlocked at HTZ Station along with provision of ELB, Sliding Boom and Road Signal for NHAH work on 28.07.23.
10. Absolute Block System introduced with UFSBI & BPAC was introduced in between DLN-TRG section along with modification in EI at DLN on 03.10.23. This will facilitate train movement to and fro DL-TRG on proper signal.
11. Replacement of obsolete UAC (Universal Axle Counter) with Track circuit in DN Loop line at TWG station on 09.05.23 & in UP Loop line at BWH station on 09.07.23.
12. 4 Sets of UFSBI provided at KSC-SHK (Make-Webfil) on 01.06.23, ASTN-BEHS [Make-DDC] on 29.06.23, PMI-BNF [Make-Deltron] on 29.06.23 & DLN-TRG [Make-Deltron] on 03.10.23.
13. 4 Nos. of HASSDAC (BPAC) provided at KSC-SHK, KSC-WRS [Make-CEL] on 01.06.23, ASTN-BEHS [Make-GGT] & PMI-BNF [Make-CEL] on 29.06.23.
14. 2 No. of HASSDAC (CEL Make) provided in Bridge Line Track Circuit No. 1T (SHK-KSC) on 01.09.2023, DLN-TRG section on 03.10.23.
15. IPS provided at 4 Stations i.e. KSC [Make-Statcon] on 01.06.23, TRG [Make-Statcon] on 17.06.23, ASTN [Make-ARPS] on 29.06.23 & WRS [Make-Statcon] on 20.10.23.
16. Data Logger provided at 6 Stations i.e. KSC [Make- EFFTRONICS] on 01.06.23, TRG [Make-EFFTRONICS] on 17.06.23, ASTN [Make- EFFTRONICS] on 29.06.23, NWD (Make – Efftronics) in JUL’23, WRS (Make – Efftronics) in JUL’23 & DHWN (Make – Efftronics) in JUL’23.
17. 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.
18. LED Signal Aspect provided at TRG (40 Nos.) on 17.06.23 & ASTN (28 Nos.) on 29.06.23.
19. 33 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), 53/1 (PHK-RH), 7 (SRY-SHK), 48 (TIA-WZJ), 55 (TIA-WZJ), TLAM IBH, BHCL IBH, BQW IBH, PWKP IBH, LC 38 (JAJ-DPX), LC 97 (DHA-SLD) & LC 55 (KEU-BSQ).
20. 34 Nos. of Networking of RTU done at SDE IBH, LC 49 (BFM-MNP), LC 50 (BFM-MNP), LC 52 (BSQP-MNP), LC 55 (KEU-BSQP), LC 47 (RDUM-HTZ), LC 53/1 (RH-PHK), LC 46 (BTA-BHC), LC 64 (TWG-DURE), LC 69 (BUE-BXR), LC 38 (DNR-NEO), LC 43 (GHR-CUX), LC 69 (KOO-FUT), LC 74 (BXR-CSA), LC 42 (NEO-BTA), LC 82 (GMR-BWH), LC 97 (DHA-SLD), LC68 (DURE-BUE), LC 85A (BWH-DLN), LC 87 (DLN-DRV), LC 102 (SLD-KCA), LC 20 (NDW-TEA), LC 58 (CKH-GYA), LC 7 (SRY-SHK), LC 55 (TIA-WZJ), LC 30 (WENA-BEHS), LC 9 (FUT-DHWN), LC 23 (HIL-IPR), LC 38 (JAJ-DPX), LC 39 (JAJ-DPX), LC 4 (DLN-TRG), LC 98 (DHA-SLD), LC 85 (BWH-DLN) & DMRX IBH and working satisfactorily.
21. COA (Control Office Application) commissioned at DLN on 07.04.23.

22. 8 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, LC 26 B1 (HIL-IPR) on 21.08.23 & 27 B1 (HIL-IPR) on 21.08.23, LC 23'B' (HIL) on 17.10.23, LC 21'B' (WRS) on 20.10.23 & LC 22'C' (WRS) on 20.10.23.
23. 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.
24. DSMG under Rolling block done at 96 Stations except ASTN, TRG, KHRUN & SARSA_IMP.
25. 576 Nos. of TRD structural bond insulation provided beneath positive rail of track circuit.
26. 133 Nos. of Ballast clearance of Track circuit zone in view of pre monsoon precaution done.
27. Maintenance Free earth in Axle Counter Location Box done at 23 Stations i.e. DLN, DRV, JMIR, KUA, BHC, DNR, SDE, NEO, RH, PHK, TAL, WENA, POE, RGD, BRYA, MKB, KEU, MNP, JAJ, ORO, NWD, KSC, SHK.
28. 133 Nos. of Heat Retarding Paints provided on Location Boxes.
29. Fuse Monitoring Alarm System provided at WRS on 20.10.23.
30. Air Condition provided in relay room of WRS on 20.10.23.
31. 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.
32. 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, ASTN (08 Nos.) on 29.06.23.
33. 111.99 Kms. of defective signalling cable replaced.
34. 24 Nos. of Point Machine replaced at PNBE (3 Nos.), RDUM, NDW, MDE, BLA, BWH, BEA, FUT, MNP, JMU, GHR (6 Nos.), DHA (2 Nos.) & ARA (4 Nos.).
35. 391 Nos. of Batteries (80 Ah – 225, 200 Ah – 111, 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. Master slave non interlocked LC Gate telephone with voice recording facility provided at 55 LC Gate and 34 Station i.e. LC 8 (DLN-TRG) connected with TRG on 21.09.23, LC 9 (DLN-TRG) connected with TRG on 21.09.23, LC 90 (ZNA-DHA) connected with ZNA on 23.09.23, LC 83 (GMR-BWH) connected with BWH on 25.09.23, LC 92 (ZNA-DHA) connected with DHA on 26.09.23, LC 79 (CSA-GMR) connected with GMR on 27.09.23, LC 63 (TWG-DURE) connected with TWG on 28.09.23, LC 61C (TWG-RPR) connected with TWG on 29.09.23, LC 1C (PWS-PPTA) connected with PWS on 30.09.23, LC 51C (KRS-BEA) connected with KRS on 01.10.23, LC 8C (PRBZ-PPN) connected with PRBZ on 05.10.23, LC 11C (PRBZ-PPN) connected with PRBZ on 05.10.23, LC 64C (TKBG-BKP) connected with TKBG on 06.10.23, LC 65C (TKBG-KWO) connected with TKBG on 06.10.23, LC 55C (RH-ATL) connected with RH on 07.10.23, LC 56C (RH-ATL) connected with RH on 07.10.23, LC 57C (ATL-RH) connected with ATL on 08.10.23, LC 61C (ATL-BKPL) connected with ATL on 08.10.23, LC 53 (MOR-PHK) connected with MOR on 09.10.23, LC 48 (TAL-HTZ) connected with TAL on 09.10.23, LC 49 (TAL-HTZ) connected with TAL on 09.10.23, LC 66 (KWO-TKBG) connected with KWO on 10.10.23, LC 14 (PPN-PFT) connected with PPN on 11.10.23, LC 41 (DPX-GHR) connected with GHR on 12.10.23, LC 45 (CUX-JMU) connected with JMU on 13.10.23, LC 47 (JMU-BFM) connected with JMU on 13.10.23, LC 48 (JMU-BFM) connected with BFM on 13.10.23, LC 44 (GHR-CUX) connected with CUX on 14.10.23, LC 6 (SRY-SHK) connected with SRY on 15.10.23, LC 6A (SRY-SHK) connected with SHK on 15.10.23, LC7 (SRY-SHK) connected with SHK on 15.10.23, LC 13 (SHK-KSC) connected with SHK on 15.10.23, LC 18 (KSC-WRS) connected with KSC on 16.10.23, LC 26 (WRS-NWD) connected with WRS on 16.10.23, LC 14 (TIA-ORO) connected with TIA on 19.10.23, LC 15 (TIA-ORO) connected with TIA on 19.10.23, LC 16 (TIA-ORO) connected with TIA on 19.10.23, LC 40 (TIA-NWD) connected with TIA on 19.10.23, LC 43 (TIA-NWD) connected with TIA on 19.10.23, LC 47 (TIA-WZJ) connected with TIA on 20.10.23, LC 48 (TIA-WZJ) connected with TIA on 20.10.23, LC 50 (TIA-WZJ) connected with TIA on 20.10.23, LC 10 (ORO-TIA) connected with ORO on 21.10.23, LC 11 (ORO-TIA) connected with ORO on 21.10.23, LC 54 (TIA-WZJ) connected with WZJ on 22.10.23, LC 55 (TIA-WZJ) connected with WZJ on 22.10.23, LC 60 (PMI-KRJR) connected with PMI on 23.10.23, LC 33 (JHD-THA) connected with THA on 27.10.23, LC 38 (MDE-BLA) connected with MDE on

- 27.10.23, LC 43 (MDE-BLA) connected with MDE on 27.10.23, LC 48 (BLA-CKH) connected with BLA on 28.10.23, LC 52 (BLA-CKH) connected with CKH on 28.10.23, LC 64 (CKH-GYA) connected with GYA on 28.10.23, LC 23 (TEA-NDU) connected with NDU on 29.10.23 & LC 24 (TEA-NDU) connected with NDU on 29.10.23.
4. Maintenance Free Earthing provided at 12 Stations i.e. ARA on 20.08.23, BYN on 22.08.23, BEA on 21.08.23, RPR on 23.08.23, KRS on 05.09, BHC on 06.09.23, KUA on 07.09.23, ZMIR IBH on 08.09.23, NEO on 09.09.23, SDE on 09.09.23, KCA on 09.09.23, DLN on 12.09.23.
 5. STM-1 (Make-Tejas) [1 No.] & MUX (Make-Webfil) [1 No.] commissioned at ASTN on 29.06.23.
 6. 25 W VHF set (Make-Motorola) provided at TRG on 17.06.23 replacing existing VHF set.
 7. PA System provided at TRG (replacing existing PA system) on 17.06.23 & ASTN on 21.08.23.
 8. Railnet connectivity provided at 16 Stations i.e. RPR, BEA, BTA, DNR, PWS, RJPB, PNC, JAJ, PPTA, PPN, DURE, JMU, FUT, IPR, BEHS & RGD.
 9. 2 Mbps (Railway) circuit provided between WZJ-KRJR on 14.04.23 & WZJ-PMI on 03.05.23.
 10. 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.
 11. 91 Nos. of Temporary joint has been made permanent joint.