

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

Signal

1. Safety counseling done for 1902 safety category staffs.
2. 167 employees of DNR Division were given training of UFSBI (Make-Deltron) organized by Sr.DSTE/DNR at DNR, NDU, FUT, MKA, KSC, BEHS, BXR & PNBE in MAR’24.
3. 321 employees of DNR Division were given training of Axle Counter (Make-Cell) organized by Sr.DSTE/DNR at DNR, NDU, KEU, FUT, PNC, MKA, BKP, NWD, TIA, ZNA, DLN & PNBE in MAR’24.
4. EI (Electronic Interlocking) commissioned at 4 Stations i.e. CKH [Make-Kyosan] on 06.04.23, KSC [Make-Kyosan] on 01.06.23, WRS [Make-Kyosan] on 20.10.23, DHWN [Make-Siemens MK II] on 12.02.24 along with Yard modification work replacing existing PI.
5. EI (Electronic Interlocking) commissioned at 5 Stations i.e. TRG [Make-Kyosan] on 17.06.23, ASTN [Make-Kyosan] on 29.06.23, Jat Dumri (JTDM) [Make-Siemens MK II] on 08.02.24, Top Sarthua (TPSA) [Make-Siemens MK II] on 09.02.24 & Fazalchak (FLCK) [Make-Siemens MK II] on 10.02.24.
6. HTZ station was converted to Class ‘B’ from Class ‘C’ station after modification was done in Electronic Interlocking on 28.07.23.
7. ROR Line commissioned in between PMI-BNF on 29.06.23.
8. Double Line commissioned in between SHK – KSC Section along with modification in existing EI based Signalling system at SHK & KSC on 01.09.2023.
9. Double Line commissioned in between KSC-WRS on 23.01.24 along with CRS inspection.
10. Two goods line alongwith shunting facility commissioned at JHD involving alteration in PI on 15.09.23.
11. IBH commissioned at NADAON (NDON) in between BUE-BXR on 04.11.23, Achuara (ACU) in between ATL-RH on 17.03.24 which has enhanced capacity.
12. MSDAC (Frauscher – Make) with 16 DP commissioned in between BUE-NDON & NDON-BXR replacing HASSDAC (Make – CEL) provided in between BUE-BXR on 04.11.23 & ATL-ACU & ACU-RH replacing HASSDAC (Make – CEL) provided in between ATL-RH on 17.03.24.
13. 80 Nos. of TWS Point Machine installed. At BSQP (P52B) on 23.06.23, KRS (P54B on 27.08.23, P55B on 04.09.23, P52B on 07.09.23, P51B on 11.09.23), GHR (P55B on 27.09.23, P56B on 30.09.23, P57A on 02.10.23, P57B on 10.10.23), DHA (P53B on 11.09.23, P55B on 27.09.23, P51B on 08.10.23), ARA (P52B on 29.09.23, P54B on 06.10.23, P64B on 22.09.23, P59B on 14.09.23), RJO (P54B on 24.11.23, P52B on 09.11.23), BKPL (P52A) on 07.11.23, MKA (P65B) on 01.11.23, RPR (P58B on 26.10.23, P59B on 02.11.23, P54B on 06.11.23, P52B on 05.11.23, MNP (P57B) on 15.12.23, BKPL (P53A) on 21.12.23, MKA (P64A) on 29.12.23, ARA (P64A) on 28.01.24, BKPL (P52B) on 28.01.24, KEU (P88B) on 28.01.24, MNP (P52B) on 28.01.24, JMU (P54B, P52B, P56B, P58B) on 28.01.24, KUA (P55B on 11.01.24, P56A on 18.01.24, P52B on 28.01.24, P54B on 25.01.24, P56B on 31.01.24), TWS Point Machine installed. At TKBG (P51B) on 03.02.24, TKBG (P51A) on 06.02.24, TWG (P53B) on 07.02.24, MKA (P60B) on 07.02.24, MKB (P51B) on 07.02.24, KEU (P94A) on 07.02.24, MKA (P56B) on 08.02.24, TWG (P52B) on 08.02.24, MKB (P54A, P52B) on 08.02.24, BEA (P57B, P56B) on 09.02.24, BTA (P55B) on 09.02.24, BEA (P53B, P52B) on 10.02.24, MKB (P57B) on 10.02.24, SLD (P53B, P51A, P53A, P54A) on 11.02.24, BTA (P60A, P58B, P57B, P55B) on 11.02.24, BRYA (P52A, P54B) on 11.02.24, KEU (P89B, P86B, P97A) on 11.02.24, BKG (P51B) on 24.02.24, BKPL (P51A) on 27.02.24, CSA (P53A) on 03.03.24, MKA (P57B) on 03.03.24, MKB (P55B) on 03.03.24, MKA (P52B) on 17.03.24, BRYA (P52B) on 17.03.24, BRYA (P53A) on 17.03.24, JAJ (P101) on 17.03.24, BLA (P53B) on 23.03.24, CSA (P51B) on 24.03.24 replacing existing IRS Point Machine.
14. 5 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, LC

- 65'A' (TKBG-KWO) [TVU < 50,000] on 20.01.24, LC 18'A' (KSC-WRS) [TVU < 50,000] on 23.01.24.
15. 2 Nos. of new LC Gate 47A/T (TVU < 50000), 2'S' (TVU > 50000) was installed at HTZ on 28.07.23 & DHWN on 12.02.24 respectively and interlocked with provision of ELB, Sliding Boom and Road Signal.
 16. 1 No. of new manned Non-Interlocked LC Gate 1'C' (TVU < 50000) installed at TPSA (towards DHWN) Station & Telephone connected with TPSA on 09.02.24.
 17. Safety integrity test done at 6 Station i.e. NLD on 28.01.24, POE on 28.01.24, BKPL on 18/24.01.24, SGYN on 05/19/20/22.01.24, PNC on 28/29.01.24 & GZH on 28/29.01.24.
 18. 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.
 19. 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.
 20. 8 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, FLCK – TPSA [Make- Deltron] on 10.02.24, TPSA – DHWN [Make- Deltron] on 09.02.24, JTDM – FLCK [Make- Deltron] on 09.02.24, TRG-Gazipur Ghat (GZT) on 05. 03. 2024.
 21. 8 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, FLCK – TPSA [Make- CEL] on 10.02.24, JTDM - FLCK [Make- CEL] on 08.02.24, DHWN – TPSA [Make- CEL] on 12.02.24.
 22. 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, TRG-Gazipur Ghat (GZT) [Make- CEL] on 05. 03. 2024.
 23. 13 Nos. of IPS provided at 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, NDON IBH (Make-HBL) on 04.11.23, LC 65'A' (TKBG-KWO) on 20.01.24, LC 18'A' (KSC-WRS) on 23.01.24, JTDM [Make- ARPS] – 2 Nos. on 08.02.24, TPSA [Make- ARPS] on 09.02.24, FLCK [Make-ARPS] on 10.02.24, LC 38/A (MDE - BLA) [Make- Statcon] on 31. 03. 2024, ACU IBH (Make- HBL) on 17.03.24.
 24. 11 Nos. of Data Logger provided at 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, JTDM [Make- Efftronics] – 2 Nos. on 08.02.24, TPSA [Make- Efftronics] on 09.02.24, FLCK [Make- Efftronics] on 10.02.24, ACU IBH [Make- Efftronics] on 17.03.24.
 25. LED Signal provided at 5 Stations i.e. TRG [Make- RT Vision] (18 Nos.) on 17.06.23, ASTN [Make- RT Vision, Tilak International] (12 Nos.) on 29.06.23, JTDM [Make- GECL] (20 Nos.) on 08.02.24, TPSA [Make- GECL] (12 Nos.) on 09.02.24, FLCK [Make- GECL] (12 Nos.) on 10.02.24.
 26. LED Signal Aspect provided at 5 Stations i.e. TRG (40 Nos.) on 17.06.23, ASTN (28 Nos.) on 29.06.23, JTDM [Make- GECL] (55 Nos.) on 08.02.24, TPSA [Make- GECL] (28 Nos.) on 09.02.24, FLCK [Make- GECL] (28 Nos.) on 10.02.24.
 27. 35 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), LC 18'C' (KSC-WRS) on 23.01.24, LC 38/A (MDE - BLA) on 31. 03. 2024.
 28. 39 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, Sarvodaya (XSAN) IBH, LC 52 (BEA-KRS), ARA/WRH, LC 29 (JHD-THA), LC 31 (JHD-THA), 11A (PRBZ-PPN) and working satisfactorily.
29. COA (Control Office Application) commissioned at DLN on 07.04.23.
 30. 20 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, LC 41S (POE) on 03.11.23, LC 29B (EKR) on 06.11.23, LC 65'A' (TKBG-KWO) on 20.01.24, 4'S' (PNBE-PRBZ) on 19.01.24 & LC 18'A' (KSC-WRS) on 23.01.24, LC 10C (DHWN) on 12.02.24, LC 11C (DHWN) on 12.02.24, 2S (DHWN), LC 17C (WENA) on 24.02.24, LC 40S (DPX) on 24.02.24, LC 1C (RGD) on 15. 03. 2024, LC 38/A (MDE - BLA) on 31.03.24.
 31. 8 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, LC 47A (HTZ) on 28.07.23, LC 65'A' (TKBG-KWO) on 20.01.24, & LC 18'A' (KSC-WRS) on 23.01.24, 2S (DHWN) on 12.02.24, LC 38/A (MDE - BLA) on 31. 03. 2024.
 32. DSMG under Rolling block done at 96 Stations except ASTN, TRG, KHRUN & SARSA_IMP.
 33. 576 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 and DHA (3 Nos.), DRV (2 Nos.), DURE (4 Nos.), TWG (4 Nos.), ARA (8 Nos.), NDW (8 Nos.) & JAJ (10 Nos.) in JUL'23 and ZNA (3 Nos.), XSAN IBH (1 No.), DURE (4 Nos.), BXR (14 Nos.), PPTA (6 Nos.) in AUG'23, ZNA (1 No.), BLA (4 Nos.) in SEP'23.
 34. 133 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 and DURE (1 No.), ZNA (3 Nos.), NWD (3 Nos.), ARA (3 Nos.), BTA (6 Nos.), THA (2 Nos.) & PPTA (4 Nos.) in JUL'23 and HRT (2 Nos.) in AUG'23 and PWS (5 Nos.), PPTA (6 Nos.), BEA (1 No.), ORO (1 No.) in SEP'23.
 35. Maintenance Free earth in Axle Counter Location Box done at 27 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, JTDM, TPSA, FLCK, DHWN.
 36. 133 Nos. of Heat Retarding Paints provided on Location Boxes.
 37. Fuse Monitoring Alarm System provided at 3 Stations i.e. WRS on 20.10.23, BSQP & BFM.
 38. Fuse Auto change-over system commissioned at 8 Station i.e. WENA, KWO, SGYN, MOR, MKA, PHK-WRH, BSQP & BFM.
 39. Fire Detection Alarm system provided at JTDM on 08.02.24, TPSA on 09.02.24, FLCK on 10.02.24, DHWN on 12.02.24, ACU IBH on 17.03.24
 40. 5 Nos. of Air Condition provided in relay room of WRS on 20.10.23, JTDM on 08.02.24, TPSA on 09.02.24, FLCK on 10.02.24, DHWN on 12.02.24.
 41. Class 'A' Protection provided at JTDM on 08.02.24, TPSA on 09.02.24, FLCK on 10.02.24, DHWN on 12.02.24, ACU IBH on 17.03.24.

42. Ring earth provided at JTDM on 08.02.24, TPSA on 09.02.24, FLCK on 10.02.24, DHWN on 12.02.24.
43. 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.
44. IRS Point Machine provided at 8 Stations i.e. 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, JTDM (25 Nos.) on 08.02.24, TPSA (12 Nos.) on 09.02.24, FLCK (09 Nos.) on 10.02.24, DHWN (15 Nos.) on 12.02.24.
45. 134.95 Kms. of defective signalling cable replaced.
46. 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.).
47. 1010 Nos. of Batteries (80 Ah – 400, 200 Ah – 167, 300 Ah - 443) replaced.
48. 14.28 MT Ferrous and 21.89 MT Non Ferrous component of scrap material was auctioned.

Telecom

1. VoIP Control communication commissioned between DNR to DDU on 16.03.24.
2. UTS commissioned at KRJR on 14.04.23 & PMI on 03.05.23.
3. CCTV Camera commissioned at HTZ (40 Nos.) on 10.06.23.
4. CGS (Coach Guidance System) commissioned at PPTA Platform No. 1 (24 Nos.), Platform No. 2 (24 Nos.) replacing existing CGS and Platform No.3 (24 Nos.), Platform No.4 (24 Nos.) & Platform No.5 (24 Nos.) on 16.11.23.
5. PA System provided at TRG (replacing existing PA system) on 17.06.23, ASTN on 21.08.23, Jat Dumri (JTDM) on 08.02.24, Top Sarthua (TPSA) on 09.02.24 & Fazalchak (FLCK) on 10.02.24.
6. STM-1 (Make-Tejas) [1 No.] & MUX (Make-Webfil) [1 No.] commissioned at ASTN on 29.06.23.
7. STM-4 (Make- Tejas) commissioned at Jat Dumri (JTDM) on 08.02.24, Top Sarthua (TPSA) on 09.02.24 & Fazalchak (FLCK) on 10.02.24.
8. MUX (Make- Webfill) commissioned at Jat Dumri (JTDM) on 08.02.24, Top Sarthua (TPSA) on 09.02.24 & Fazalchak (FLCK) on 10.02.24.
9. VoIP control communication installed at 24 Stations i.e. BTA on 26.12.23, KUA on 29.12.23, BHC on 27.12.23, ARA on 19.12.23, KRS on 20.12.23, BYN on 15.01.24, BEA on 28.01.24, RPR on 28.01.24, DNR on 01.02.24, NEO on 06.02.24, TWG on 03.02.24, DURE on 05.02.24, BUE on 27.01.24, BXR on 26.01.24, CSA on 02.02.24, GMR on 03.02.24, BWH on 04.02.24, DLN on 05.02.24, DRV on 07.02.24, ZNA on 11.02.24, DHA on 12.02.24, SLD on 19.02.24, KCA on 20.02.24 & TRG on 06.02.24.
10. Crowd management using telecom facilities at various stations across Division and PRP War Room was done successfully during/post Chhatth in NOV'23.
11. Master slave LC Gate telephone with voice recording facility provided at 99 non interlocked LC Gates and 45 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, LC 24 (HIL-IPR) connected with HIL on 03.11.23, LC 25 (HIL-IPR) connected with HIL on 03.11.23, LC 28 (HIL-IPR) connected with HIL on 03.11.23, LC 30 (HIL-IPR) connected with IPR on 03.11.23, LC 31 (HIL-IPR) connected with IPR on 03.11.23, LC 32 (HIL-IPR) connected with IPR on 03.11.23, LC 33 (HIL-IPR) connected with IPR on 03.11.23, LC 34 (HIL-IPR) connected with IPR on 03.11.23, LC 5 (FUT-DHWN) connected with DHWN on 05.11.23, LC 6 (FUT-DHWN) connected with DHWN on 05.11.23, LC 7 (FUT-DHWN) connected with DHWN on 05.11.23, LC 12 (SGYN-HIL) connected with SGYN on 05.11.23, LC 13 (SGYN-HIL) connected with SGYN on 05.11.23, LC 14 (SGYN-HIL) connected with SGYN on 05.11.23, LC 15 (SGYN-HIL) connected with HIL on 05.11.23, LC 16 (SGYN-HIL) connected with HIL on 05.11.23, LC 17 (SGYN-HIL) connected with HIL on 05.11.23, LC 18 (SGYN-HIL) connected with HIL on 05.11.23, LC 19 (SGYN-HIL) connected with HIL on 05.11.23, LC 2 (FUT-DHWN) connected with FUT on 06.11.23, LC 3 (FUT-DHWN) connected with FUT on 06.11.23, LC 4 (FUT-DHWN) connected with FUT on 06.11.23, 5 LC Gate and 3 Station i.e. LC 12 (TIA-ORO) connected with ORO on 08.12.23, LC 13 (TIA-ORO) connected with ORO on 08.12.23, LC 35 (BEHS-POE) connected with BEHS on 08.12.23, LC 37 (BEHS-POE) connected with BEHS on 08.12.23, LC 55 (NLD-SILO) connected with NLD on 08.12.23, LC Gates and 2 Station i.e. LC 6 (RGD-NES) connected with NES on 25.12.23, LC 7 (RGD-NES) connected with NES on 25.12.23, LC 3 (RGD-NES) connected with RGD on 25.12.23.

12. MUX (Make-MROTEK) commissioned at NADAON (NDON) IBH (2 Nos.), BUE (1 No.) & BXR (1 No.) on 04.11.23 and ACU IBH (2 Nos.), ATL (1 No.) & RH (1 No.) on 17.03.24 for IBH phone and Data Logger.
13. Mini STM (Make-MROTEK) commissioned at NADAON (NDON) IBH (2 Nos.), BUE (1 No.) & BXR (1 No.) on 04.11.23 and ACU IBH (2 Nos.), ATL (1 No.) & RH (1 No.) on 17.03.24.
14. Maintenance Free Earthing installed at 74 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, TEA on 02.01.24, NDU on 02.01.24, NDW on 05.01.24, PFT on 07.01.24, JHD on 09.01.24, PPN on 10.01.24, PRBZ on 12.01.24, BLA on 12.01.24, CKH on 12.01.24, THA on 13.01.24, MDE on 13.01.24, BRYA on 16.01.24, MKB on 17.01.24, LKR on 18.01.24, KEU on 19.01.24, DMRX on 20.01.24, BSQP on 21.01.24, HRT (1 No.) on 23.01.24, POE (1 No.) on 24.01.24, NLD (2 Nos.) on 24.01.24, BKP (2 Nos.) on 27.01.24, TKBG (2 Nos.) on 28.01.24, MKA (5 Nos.) on 14.02.24, HTZ (4 Nos.) on 18.02.24, PHK (2 Nos.) on 19.02.24, MOR (2 Nos.) on 19.02.24, RH (5 Nos.) on 19.02.24, ATL (1 Nos.) on 21.02.24, WENA (6 Nos.) on 22.02.24, JAJ on 26.02.24, DPX on 16.03.24, GHR on 16.03.24, CUX on 23.02.24, JMU on 24.02.24, BFM on 26.02.24, MNP (PI,SSP) on 23.02.24, 24.02.24, BRYA on 27.02.24, DMRX IBH on 24.02.24, KRTR on 09.03.24, SRY on 09.03.24, SHK

- on 09.03.24, WRS on 10.03.24, KSC on 10.03.24, EKR on 06.03.24, HIL on 07.03.24, KDJB on 05.03.24, SGYN on 08.03.24, IPR on 04.03.24, PFT on 07.03.24, PPN on 10.03.24, PRBZ on 11.03.24, CKH on 12.03.24, BLA on 12.03.24, NDW on 05.03.24, TEA on 02.03.24, NDU on 02.03.24, JHD on 09.03.24, THA on 13.03.24, MDE on 13.03.24, PNBE on 28.02.24, SCY on 01.03.24, PWS on 02.03.24.
15. 25 W VHF set (Make-Motorola) provided at 4 Stations i.e. TRG (replacing existing VHF set) on 17.06.23, Jat Dumri (JTDM) on 08.02.24, Top Sarthua (TPSA) on 09.02.24 & Fazalchak (FLCK) on 10.02.24.
 16. Railnet connectivity provided at 16 Stations i.e. RPR, BEA, BTA, DNR, PWS, RJPB, PNC, JAJ, PPTA, PPN, DURE, JMU, FUT, IPR, BEHS & RGD.
 17. 2 Mbps (Railway) circuit provided between WZJ-KRJR on 14.04.23 & WZJ-PMI on 03.05.23.
 18. 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.
 19. 129 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 Nos. (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, MOR-MKA – 1 No. (Kms.158/25-157/1) on 27.06.23, KSC-SHK – 1 No. (Kms.29/34-36) on 03.07.23, TIA-WZJ – 1 No. (Kms.95/25-27) on 07.07.23, BFM-MNP – 1 No. (Kms.403/23-25) on 24.07.23, SGYN-HIL – 2 Nos. (Kms.19/5-7) on 19.08.23, ARA-KRS – 1 No. (Kms.594/29-595/01) on 19.08.23, DURE-BUE – 2 Nos. (Kms.649/14-16) on 20.08.23, DDU/EOC-KCA – 2 Nos. (Kms.745/17-15) on 21.08.23, LC 69S (BUE-BXR) – 1 No. (Kms.658/36-38) on 21.08.23, LC 85S (BWH-DLN) – 1 No. (Kms.696/4-6) on 25.08.23, MNP-BSQP – 1 No. (Kms.409/7-9) on 27.08.23, JAJ-DPX – 1 No. (Kms.369/1-3) on 29.08.23, BWH-DLN – 1 No. (G-85A) on 25.08.23, DLN-BWH – 2 Nos. (Kms.693/2-4) on 01.09.23, DLN-BWH – 1 No. on 02.09.23, MNP-BFM – 1 No. (Kms.403/23-25) on 12.09.23, MNP-BFM – 1 No. (Kms.403/23-25) on 12.09.23, BFM-MNP – 2 Nos. (Gate No.49) on 16.09.23, BFM-MNP – 2 Nos. (G-49) on 16.09.23, MOR-PHK – 2 Nos. (Kms.369/1-3) on 21.09.23, RGD-SILO – 2 Nos. (Kms.50/5-50/7) on 27.09.23, JHD-THA – 1 No. (G-29A- Kms. 47/24-26) on 28.09.23, JHD-THA – 1 Nos. (G-30B- Kms.49/27-29) on 14.10.23, JHD-THA – 1 Nos. (G-31B1- Kms.50/30-51/02) on 16.10.23, RGD-SILO – 1 No. (G-62- Kms.50/37-39) on 16.10.23, TAL-HTZ – 1 No. (Kms.449/14-16) on 18.10.23, WRS-NWD – 2 Nos. (Kms.54/16-18) on 18.10.23, CSA-BQW IBH – 1 No. (Kms.674/09-11) on 18.10.23, SLD-KCA – 1 No. (G-102B - Kms. 739/26-28) on 20.10.23, POE-BEHS – 2 Nos. (Kms.531/5-7) on 01.11.23, KRTR-LKR – 2 Nos. (7/21-19) on 04.11.23, NWD-WRS – 2 Nos. (Kms.57/01) on 06.11.23, KRS-BEA – 1 Nos. (Gate-52) on 09.11.23, NDON IBH-BXR – 1 No. (Kms.660/24-26) on 15.11.23, KSC-WRS – 2 Nos. (Kms.43/1) on 18.12.23, WRS-NWD – 2 Nos. (54/20) on 15.12.23, TAL-HTZ – 1 No. (LC 49) on 10.12.23, NWD-TIA – 2 Nos. (Kms.73/32-34) on 03.01.24, NDU-JHD – 1 No. (43/10-12) on 08.01.24, CUX-JMU – 1 No. (kms. 391-4-6) on 11.01.24, KEU-MKB – 2 Nos. (Kms.423/9-11) on 17.01.24, BEHS-

WENA – 2 Nos. (Kms.25/34-38) on 17.01.24, DMRX-MKB – 1 No. (Kms.429/30-32) on 18.01.24, DMRX-MKB – 1 No. (Kms.430/14-16) on 19.01.24, FUT-DHWN – 1 No. (Kms.2/17-19) on 20.01.24, FUT-BKG – 1 No. (Kms.1018-52/32A) on 20.01.24, FUT-DHWN – 1 No. on 20.01.24, SHK-SRY – 1 No. (Kms.24/23 near LC 7) on 23.02.24, HRT-WENA – 1 No. (1062-1064 WENA Yard) on 24.02.24, PRBZ-PPN – 2 Nos. (kms. 11/36-38) on 25.02.24, MKB-DMRX – 1 Nos. (Kms.428/26-28) on 30.01.24, MKB-DMRX – 1 No. (Kms.428/14-16) on 31.01.24, LKR-KRTR – 2 Nos. (Kms.3/27-29) on 04.02.24 & SHK-SRY – 1 No. (Kms.24/23) on 23.04.24, MKB-LKR – 2 Nos. (Ashok Dham) on 27.02.24, SRY-SHK – 1 No. (17/4-6) on 01.03.24.