

Important achievements made during the year “2019-20” up to MAR’20

Signal

1. EI (Electronic Interlocking) commissioned at 12 Stations i.e. Natesar (NES) [Make-Westtrace] on 05.04.19, HTZ [Make-Westtrace] on 25.04.19, ATL [Make-Westtrace] (replacing existing PI) on 18.04.19, SCY [Make-Westtrace] on 18.08.19, IPR [Make-Westtrace] (replacing existing PI) on 19.08.19, BFM [Make-Westtrace] on 25.10.19, SHK [Make- Kyosan] on 29.08.19, WZJ [Make-KYOSAN] (replacing existing PI) on 22.12.19, KRJR [Make-KYOSAN] (replacing existing PI) on 22.12.19, PMI [Make-KYOSAN] (replacing existing EI) on 22.12.19, CUX [Make- SIEMENS MKII] on 08.01.20 & KDJ [Make-Westtrace] on 29.02.20.
2. RRI (Route Relay Interlocking) [Make-Siemens] commissioned at DNR on 17.06.19.
3. PI (Panel Interlocking) commissioned at 3 Stations i.e. SARSA JAMALPUR on 29.08.19, JTIN (replacing existing PI) on 25.10.19 & ORO (replacing existing PI) on 31.12.19.
4. LED unit provided at 3 Stations i.e. NES (Make - Urban) [Signal – 17, Aspect – 40] on 05.04.19, SARSA JAMALPUR [Signal – 8, Aspect – 20] on 29.08.19 & KDJ [Signal – 12, Aspect – 28] on 29.02.20.
5. 11 Nos. of Interlocking done at LC 59B (ATL-RH), LC 60B (BKP Link-ATL) on 18.04.19, LC 44’S’ (NEO-BTA) on 23.07.19, LC 30’S’ (BEHS-WENA), LC 35C (HIL – IPR) on 19.08.19, LC 38C (IPR – NET) on 19.08.19, LC 10B1 (SHK) on 29.08.19, LC 11C (SHK) on 29.08.19, LC 52B (BEA-KRS) on 21.11.19, LC 82B (BWH-GMR) on 30.12.19 & LC 85B (BWH-DLN) on 12.01.20.
6. 25 Nos. of Sliding Boom provided at LC 59B (ATL-RH) on 18.04.19, LC 60B (BKP Link-ATL) on 18.04.19, LC 76B (CSA) on 10.05.19, LC 77B (CSA) on 10.05.19, LC 69B (BXR) on 15.05.19, LC 62B (TWG) on 15.05.19, 44’S’ (NEO-BTA) on 23.07.19, LC 15C (KSC), 4C (SRY), 73B (BXR), LC 35C (HIL-IPR), LC 36B (HIL-IPR), LC 38C (IPR-NET), LC 10C (HRT), LC 9C (SHK), 10B1 (SHK), LC 11C (SHK), LC 30’S’ (BEHS-WENA) on 03.08.19, LC 52B (BEA-KRS) on 21.11.19, LC 82B (BWH-GMR) on 30.12.19, LC 7C (PRBZ) on 24.12.19, LC 85B (BWH-DLN) on 12.01.20, LC 25C (NDU) on 28.12.19, LC 28C (JHD) on 13.01.20 & LC 46C (BLA) on 30.01.20.
7. 24 Nos. of ELB provided at LC 59B (ATL-RH) on 18.04.19, LC 60B (BKP Link-ATL) on 18.04.19, 44’S’ (NEO-BTA) on 23.07.19, LC 35C (HIL-IPR), LC 36B (HIL-IPR), LC 38C (IPR-NET), LC 9C (SHK), 10B1 (SHK), LC 11C (SHK), LC 30’S’ (BEHS-WENA) on 03.08.19, LC 52B (BEA-KRS) on 21.11.19, LC 81B1 (GMR) on 27.11.19, LC 30S (SCY) on 21.11.19, LC 82B (BWH-GMR) on 30.12.19, LC 73B (BXR) on 03.12.19, LC 68B (KOO) on 31.12.19, LC 85B (BWH-DLN) on 12.01.20, LC 67C (KOO) on 02.01.20, LC 86B (DLN) on 24.02.20, LC 51C (MKA) on 29.02.20, LC 94B1 (DHA) on 29.02.20, LC 38B (NEO) on 29.02.20, LC 50B (MKA) on 20.03.20 & LC 46A (JMU) on 22.03.20.
8. 24 Sets of UFSBI (Universal Fail Safe Block Interface) provided in between NES-RGD on 05.04.19, BEA-BYN on 21.05.19, BYN-RPR on 15.05.19, HIL-IPR on 01.05.19, DNR - PWS on 17.06.19, DNR - PPTA on 17.06.19, PRBZ - PNBE on 18.07.19, SCY - PNBE on 18.08.19, SCY – PWS on 18.08.19, SHK - SARSA JAMALPUR on 29.08.19, SHK – SRY on 29.08.19, SHK – KSC on 29.08.19, SARSA JAMALPUR – SHK on 29.08.19, BFM-MNP, BFM-JMU, CUX-JMU, JTN-NES on 25.10.19, ARA-GQN on 23.11.19, BSQ-MNP on 27.11.19, TIA-JTIN on 10.12.19, ORO-TIA on 31.12.19, ORO-JTIN on 31.12.19, KDJ-IPR on 29.02.20 & KDJ-NES on 29.02.20.
9. 27 Nos. of HASSDAC provided at NES-RGD (Make-GGT) on 05.04.19, DNR Berthing Track Platform No. 1, 2, 3, 4, 5, 6 and DD Line No. 1, 2 & 3 (Make-GGT) on 17.06.19 at PET-NDW (Make-CEL) on 23.05.19, DNR-PWS/UP Line, DNR-NEO/DN line on 17.06.19, SCY – PWS/UP Line (Make-GGT), SCY – PWS/DN Line (Make-CEL) on 18.08.19, SHK - SARSA JAMALPUR on 29.08.19, SARSA JAMALPUR – SHK on

- 29.08.19, BFM – MNP (DN) (Make – CEL), JTN – NES (Make – GGT) on 25.10.19, , WZJ-KRJR (Make-CEL) on 22.12.19, KRJR-PMI (Make-CEL) on 22.12.19, PMI-MPO (Make-CEL) on 22.12.19, TIA-JTIN (Make-GGT) on 10.12.19, ORO-TIA (Make-GGT) on 31.12.19 & ORO-JTIN (Make-GGT) on 31.12.19, KDJ-IPR (Make-GGT) on 29.02.20& KDJ-NES (Make-GGT) on 29.02.20.
10. 6 Nos. of HASSDAC (Make – CEL) provided at TLAM IBH/DN – DHA on 21.06.19, DHA/UP – TLAM IBH on 20.06.19, SLD - TLAM IBH/DN on 12.07.19, SHK – SRY on 29.08.19, SHK – KSC on 29.08.19 & TLAM-SLD (UP Line) replacing the existing SSDAC (Make – CEL).
 11. 14 Nos. of IPS installed at NES on 05.04.19, HTZ (Make – ARPS) on 25.04.19, DNR (RRI – 2 Nos., WRH – 1 No. & ERH – 1 No.) (Make – ARPS) on 17.06.19 & LC 44'S' (NEO-BTA) (Make – ARPS) on 23.07.19, SHK (Make – STATCON) on 29.08.19, SARSA JAMALPUR (Make – STATCON) on 29.08.19, LC 11C (SHK) (Make – STATCON) on 29.08.19, LC 30S (BEHS-WENA) on 03.08.19, LC 82B (BWH-GMR) on 30.12.19, LC 85B (BWH-DLN) on 12.01.20 & KDJ on 29.02.20.
 12. 6 Nos. of IPS installed at ATL on 18.04.19, IPR on 19.08.19, JTN on 25.10.19, WZJ on 22.12.19, KRJR on 22.12.19 & ORO on 31.12.19 replacing existing IPS (old Model).
 13. 9 Nos. of Data Logger (Make – Efftronics) installed at NES on 05.04.19, HTZ on 25.04.19, DNR/RRI on 17.06.19, SCY on 18.08.19, SHK on 29.08.19, SARSA JAMALPUR on 29.08.19, BFM on 25.10.19, CUX on 08.01.20 & KDJ on 29.02.20.
 14. 8 Nos. of Data Logger (Make – Efftronics) installed at ATL on 18.04.19, HRT in Jul'19, TKBG in July'19, IPR on 19.08.19, JTN on 25.10.19, WZJ on 22.12.19, KRJR on 22.12.19 & ORO on 31.12.19 replacing existing Data Logger (old Model).
 15. DG Set provided at NES (15 KVA) [Make-TMTL] on 05.04.19, SHK (15 KVA) on 29.08.19 & SARSA JAMALPUR (15 KVA) on 29.08.19.
 16. ELD (Earth Leakage Detector) provided at 52 Stations i.e. BLA on 17.04.19, PNC on 21.05.19, FUT on 27.05.19, JHD on 24.05.19, ARA, RJO , BXR, MNP, TAL, BKP, BTA, JMU, RDUM, DNR/RRI, PWS, ZNA, NEO on 28.06.19, RPR on 16.07.19, SHK on 29.08.19, KOO, IPR on 21.10.19, WZJ on 22.12.19, KRJR on 22.12.19, PMI on 22.12.19, PRBZ on 22.01.20, PPN on 23.01.20, PET on 23.01.20, TEA on 24.01.20, NDU on 25.01.20, THA on 28.01.20, MDE on 29.01.20, GZH on 30.01.20, BKG on 15.02.20, ATL, RH, SLD, DRV, DLN, KRNN, BUE, NDW, KWO, BWH, CSA, DURE, TWG, BYN, BEA, KUA, KRS, KDJ & NWD.
 17. Automatic Fire Detection system provided at 27 Stations i.e. RJPB, PNC on 15.04.19, FUT on 13.09.19, JHD on 18.04.19, ARA, BXR, JAJ, PPTA, DURE, BTA, BKP, PNBE (WRH), SHK on 29.08.19, SARSA JAMALPUR on 29.08.19, KEU/EC, ATL, KRNN, MKA, RH, RGD, BKP_LINK, BFM on 25.10.19, IPR on 21.10.19, WZJ on 22.12.19, KRJR on 22.12.19, PMI on 22.12.19 & PWS.
 18. Auto change over system of UFSBI provided at 58 Stations i.e. ARA-KUA on 10.04.19, KRS-ARA on 16.04.19, KRS-BEA on 19.04.19, BXR-BUE on 14.04.19, BXR-CSA on 26.04.19, CSA-GMR on 28.04.19, BUE-DURE on 15.04.19, DURE-TWG on 16.04.19, BHC-KUA on 10.04.19, BHC-BTA on 08.04.19, GZH-RJPB, GZH-PNC, PNC-BKG, FUT-BKG, FUT-DHWN, MKB-BRYA on 22.04.19, TAL-MKA on 03.04.19, TAL-HTZ on 25.04.19, TAL-LINK on 04.04.19, LINK-RDUM on 04.04.19, MOE-MKA on 05.04.19, ATL-LINK on 18.04.19, BKP-LINK on 20.04.19, RDUM-BRYA on 24.04.19 & LINK-RJO on 22.04.19, BYN-BEA on 22.05.19, RPR-TWG on 15.05.19, KOO-KWO, KWO-TKBG on 27.05.19, HIL-SGYN on 02.05.19, IPR-HIL, MKB, SGYN-HIL on 02.05.19, TKBG-KWO on 27.05.19, DLN-DRV on 08.05.19, DRV-DLN on 08.05.19, BWH-DLN on 08.05.19, KCA-SLD on 13.05.19, SLD-KCA on 12.05.19, DHA-ZNA on 11.05.19, ZNA-DHA on 10.05.19, NDU – TEA on 13.06.19, PWKP IBH - BXR on 23.06.19, DNR – PWS, NEO on 17.06.19, PRBZ-PNBE on 18.07.19, THA – MDE on 01.07.19, BLA - CKH on 02.07.19, MDE – BLA on 09.07.19, NDU – JHD on 23.07.19,

- JHD – THA on 23.07.19, NLD – RGD, NLD – POE & HRT – WENA, DHA – BHCL IBH on 09.07.19 & ZNA – BHCL IBH on 09.07.19.
19. IRS Point Machine provided at DNR/RRI (124 Nos.) on 17.06.19, IPR (13 Nos.) on 19.08.19, SHK (32 Nos.) on 29.08.19, SARSA JAMALPUR (4 Nos.) on 29.08.19 & JTN (8 Nos.).
 20. 10 Nos. of SM Slide has been overhauled at LC 29A (JHD) in APR'19 & LC 63A (RGD) on 26.03.19, LC 78A on 18.06.19, LC 69 on 21.06.19, LC 73 on 22.06.19, LC 58B (CKH-GYA) on 18.09.19, LC 78B (CSA-GMR) on 18.09.19, LC 35B (THA), CUX on 03.12.19 & LC 11A (PRBZ-PPN) – 21.02.20.
 21. 811 Nos. of Battery have been replaced.
 22. 4 Nos. of DLBI replaced at DNR/RRI connected with NEO on 17.06.19, NEO C/With DNR/WOC on 09.07.19, PNBE C/With SCY on 13.07.19 & KEU C/With MKB on 29.08.19,
 23. 2 Nos. of TLBI replaced at PWS connected with PPTA on 28.08.19 & PPTA connected with PWS on 24.08.19.

Telecom

1. CGS (Coach Guidance System) installed at 5 Stations i.e ARA [Platform No. 1 (24 Nos.), 2 (24 Nos.) on 12.07.19, RJPB [Platform No. 1 (23 Nos.), 2 (24 Nos.), 3 (24 Nos.), 4 (24 Nos.)] on 19.09.19, PNBE [Platform No. 10 (21 Nos.)] on 27.09.19, GMR [Platform No. 1 (24 Nos.), 2 (24 Nos.) & JAJ [Platform No. 3 (21 Nos.) on 14.02.20.
2. Coach at a glance (Single Line Single Face) commissioned at 5 Stations i.e BXR (2 Nos. at PF No.1) on 18.04.19, ARA (2 Nos. at PF No. 1 & 2) on 12.07.19, DLN (1 No. at PF No.3) on 06.08.19, BTA (1 No. at Platform No.2) on 20.02.20 & RJPB (1 No. at Platform No.1) on 07.02.20.
3. TIB (5 Line Single Face) installed at 11 Stations i.e. DNR (Platform No. 1 near FOB) on 22.05.19, PPTA (Platform No. 1 near FOB) on 25.05.19, RJPB (Circulating area near booking office) on 07.06.19, ARA (Platform No.1 near enquiry office) on 12.07.19, BXR (Platform No.1 near Waiting Hall) on 18.04.19, DLN (Platform No.1 near Booking office) on 06.08.19, PNC (Platform No.1 near Main entrance) on 12.11.19, JAJ (near Booking office) on 14.02.20, KEU (PF No. 3 near Enquiry office) on 17.02.20, PWS (Parking near PF No. 1) on 24.02.20 & BKP (Between Enquiry & Booking office) on 27.02.20.
4. TIB (2 Line Single Face) installed at 3 Station i.e. RJPB (2 Nos. at Platform No.1) on 06.01.20, JAJ (1 No. at Platform No.2) on 14.02.20 & BTA (2 Nos. at Platform No.1 & near Booking office) on 20.02.20.
5. Single Line Double Face TIB installed at 2 Stations i.e. JMU (1 No. at Platform No.1) on 14.02.20 & BTA (1 No. at Platform No.2) on 20.02.20.
6. CCTV Camera (IP based) provided at KEU/RRI (3 Nos.) and LKR/RRI (West Relay Hut) (3 Nos.) on 14.03.20.
7. WiFi commissioned at 65 Stations i.e. JHDC on 01.04.19, KUA on 29.07.19, PRBZ on 31.07.19, CKH on 05.08.19, PET on 11.08.19, NDW on 13.08.19, TEA on 13.08.19, MDE on 15.08.19, KRS on 15.08.19, BYN on 17.08.19, SDE on 17.08.19, DPX on 20.08.19, GHR on 20.08.19, CUX on 20.08.19, BFM on 21.08.19, MNP on 21.08.19, BLA on 21.08.19, KCA on 25.08.19, SLD on 25.08.19, LKR on 26.08.19, BTA on 27.08.19, TLAM IBH on 27.08.19, DRV on 27.08.19, DHA on 27.08.19, BWH on 27.08.19, GMR on 27.08.19, JAJ on 29.08.19, KRTR on 29.08.19, CSA on 29.08.19, NDU on 31.08.19, BUE on 01.09.19, THA on 02.09.19, JHD on 02.09.19, TWG on 02.09.19, KRNN on 02.09.19, DURE on 02.09.19, BKP_LINK on 03.09.19, RPR on 05.09.19, NEO on 07.09.19, HRT on 08.09.19, TAL on 08.09.19, MKB on 11.09.19, BRYA on 12.09.19, KRJR on 13.09.19, WZJ on 13.09.19, DHWN on 13.09.19, TIA on 13.09.19, NWD on 14.09.19, WRS on 14.09.19, HIL on 15.09.19, KSC on 15.09.19, SHK on 18.09.19, PMI on 21.09.19, WENA on 21.09.19, RJO on 27.09.19, POE on 27.09.19, NLD on 29.09.19,

- SGYN on 10.10.19, BSQ on 12.10.19, BEA on 17.10.19 & SRY on 18.10.19, HTZ on 7.11.19, IPR on 14.11.19, PPTA on 23.11.19, TKBG on 27.12.19 & RGD on 12.02.20.
8. Computerized Announcement System provided at 4 Stations. i.e. NWD on 31.10.19, BTA on 20.02.20, BKP on 27.02.20 & PWS on 24.02.20.
 9. PA System provided at 3 Stations i.e. SHK on 29.09.19, SARSA JAMALPUR on 29.09.19 & KDJ on 29.02.20.
 10. On line Paperless Train Charting Display Board commissioned at 3 Stations i.e. PPTA on 27.05.19, DNR on 06.06.19 & RJPB on 06.08.19.
 11. PRS provided at TIA on 03.08.19 & POE on 25.10.19.
 12. UTS provided at POE on 25.10.19 & SDE on 22.02.20.
 13. 42 Nos. of STM-4 (Make-Tejas) provided at BHCL IBH on 29.04.19, DMRX IBH on 11.05.19, TLAM IBH on 26.04.19, BQW IBH on 22.05.19, PWKP IBH on 05.05.19, JMIR IBH (ARA-KUA) on 05.06.19, SCY on 18.08.19, RJPB on 23.01.20, PNBE on 14.01.20, DNR on 16.01.20, ARA on 24.01.20, BXR on 29.01.20, BKP on 28.02.20, TKBG on 27.02.20, KWO on 27.02.20, KOO on 26.02.20, FUT on 25.02.20, BKG on 25.02.20, PNC on 25.02.20, GZH on 24.02.20, PWS on 13.02.20, NEO on 17.02.20, BTA on 18.02.20, SDE on 18.02.20, KUA on 20.02.20, KRS on 18.02.20, BEA on 14.02.20, BYN on 19.02.20, RPR on 15.02.20, TWG on 19.02.20, DURE on 08.02.20, BUE on 05.02.20, CSA on 04.02.20, GMR on 19.02.20, BWH on 19.02.20, DLN on 14.02.20, DRV on 18.02.20, ZNA on 20.02.20, DHA on 20.02.20, SLD on 20.02.20, KCA on 20.02.20 & DDU on 20.02.20.
 14. STM-1 (Make-Tejas) provided at 8 Stations i.e. NES on 05.04.19, DNR/RRI on 17.06.19, SHK on 29.09.19 & SARSA JAMALPUR on 29.09.19, IPR [replacing existing (Fibcom-Make)] on 19.04.19, JTIN on 28.11.19, ORO on 31.12.19 & KDJ on 29.02.20.
 15. 10 Nos. of MUX (Make- Webfill) provided at NES on 05.04.19, BHCL IBH (ZNA-DHA) on 03.06.19, TLAM IBH (SLD-DHA) on 18.06.19, DNR/RRI on 17.06.19, JMIR IBH (ARA-KUA) on 22.06.19, SHK on 29.09.19, SARSA JAMALPUR on 29.09.19, JTIN on 28.11.19, ORO on 31.12.19 & KDJ on 29.02.20.
 16. Digital clock provided at 6 Stations i.e. PPTA (PF-1&2) on 12.05.19, DNR/RRI on 17.06.19, MOE (PF-2) on 06.08.19, PHK (PF-2) on 09.08.19, HTZ (PF-2) on 10.08.19 & BXR (PF-1 & 2) on 28.01.20.
 17. Analog clock provided at 12 Statins i.e Jehanabad Court (JHDC) on 12.02.20, Baghibardiha (BBE) on 13.02.20, Garsanda (GSDH) on 13.02.20, Hardashbigha (HDE) on 13.02.20, Jamuawan (JKN) on 13.02.20, Jethian (JTIN) on 13.02.20, Natesar (NES) on 13.02.20, ORO (Jagdishpur) (JDPR) on 13.02.20, Salimpur Bihar (SMBH) on 13.02.20, Silao (SILO) on 18.02.20, Tarighat (TRG) on 12.02.20 & Tulsi Ashram IBH (TLAM) on 12.02.20.
 18. FCT Telephone provided at NES (No.9262399975) on 05.04.19 & JTIN (No.9262399975) at 25.10.19.
 19. VHF Set (25W) installed at 5 Stations i.e. NES on 05.04.19, DNR/RRI on 17.06.19, SHK on 29.09.19, SARSA JAMALPUR on 29.09.19 & KDJ on 29.02.20.
 20. OFC network connected in between PPTA Rail Parisar and Pahleza on 07.05.19.
 21. Auto Telephone provided at DNR/RRI (83032 & 83041) & KDJ (82551).
 22. 5 Nos. of Electronic Gate Telephone provided at LC 63B (GYA/RRI) on 16.05.19, 64C (GYA/RRI) on 16.05.19, 63C (TWG) 07.05.19, 79 (GMR) on 08.05.19 & 80 (GMR) on 08.05.19.
 23. 4 Nos. of LC Gate Telephone provided at LC 38C (IPR-NET), 9C (SHK), 10B1 (SHK) & 11C (SHK).
 24. Solar Panel provided at LC Gate No.19C, 25C, 28C, 30C, 31C, 32C, 33C, 34C, 3C, 4C, 5C, 6C, 7C, 8C, 12C, 13C, 15C, 17C, 18C & 24C in between HIL-IPR section.