

## **Important achievements made during the year “2021-22” up to FEB’22**

### **Signal**

1. EI (Electronic Interlocking) commissioned at BKP [Make-Siemens MK II] with dual VDU on 20.04.21 replacing existing EI & PPTA [Make-Siemens MK II] with dual VDU on 16.01.22 replacing existing PI.
2. 6 Nos. of interlocking done at LC 28A (NWD-WRS) on 30.11.21, 29A (NWD-WRS) on 30.11.21, LC 69S (FUT-KOO) on 24.12.21, LC 65S (DURE) on 07.01.22, LC 97A (SLD-DHA) on 13.01.22 & LC 68A (BUE-DURE) on 30.01.22.
3. 27 Nos. of ELB provided at Interlocked LC 21'S' (TEA) on 12.04.21, LC 62B (TWG-DURE) on 12.06.21, LC 78'S' (CSA-GMR) on 15.07.21, 102'S' (SLD-KCA) on 27.07.21, LC 1PG'S' (PNBE) on 31.07.21, LC 69B (BUE-BXR) on 31.07.21, LC 7C (PRBZ) on 30.08.21, LC 1B (FUT) on 03.09.21, LC 11AC (PPN) on 11.09.21, LC 29A (JHDC) on 05.10.21, LC 33B (NWD) on 06.10.21, LC 35A (NWD) on 06.10.21, LC 21C (HIL) on 02.11.21, LC 34 B (JHD-THA) on 22.11.21, LC 28A (NWD-WRS) on 30.11.21, LC 29A (NWD-WRS) on 30.11.21, LC 20B (HIL) on 30.11.21, LC 35B2 (THA-MDE) on 29.12.21, LC 22B2 (HIL) on 30.12.21, LC 58B1 (CKH-GYA) on 31.12.21, LC 65S (DURE) on 07.01.22, LC 97A (SLD-DHA) on 13.01.22, LC 56B (CKH) on 22.01.22, LC 68A (BUE-DURE) on 30.01.22, LC 46C (BLA) on 31.01.22 & LC 54C (BSQP) on 31.01.22.
4. 7 Nos. of Sliding Boom provided at interlocked LC 1'C' (RGD) on 10.07.21, LC 28A (NWD-WRS) on 30.11.21, 29A (NWD-WRS) on 30.11.21 LC 69S (FUT-KOO) on 24.12.21, LC 65S (DURE) on 07.01.22, LC 97A (SLD-DHA) on 13.01.22 & LC 68A (BUE-DURE) on 30.01.22.
5. 5 Nos. of HASSDAC provided in between DHWN-BEHS (Make-GGT) on 20.04.21, BLA-CKH UP Line (Make-GGT) on 05.04.21, BLA-CKH DN Line (Make-GGT) on 09.05.21, PPTA-PHLG East & West Line 16.01.22.
6. DN loop Track circuit commissioned at MOE on 29.06.21 replacing existing Analog Axle Counter.
7. 5 Sets of UFSBI (Make-WEBFIL) provided in between DHWN-BEHS on 20.04.21, SEA – RJO on 07.06.21, PWS-PPTA on 16.01.22, PPTA-PHLG East & West Line 16.01.22.
8. 7 Nos. of IPS provide at 102'S' (SLD-KCA) [Make – IRPS] on 27.07.21, 29A (NWD-WRS) [Make – IRPS] on 30.11.21, LC 69S (FUT-KOO) [Make-HBL] on 24.12.21, PPTA Relay Hut – 2 [Make-Statcon] on 16.01.21, PPTA Station -1 [Make-Statcon] on 16.01.22, LC 68A (BUE-DURE) [Make-HBL] on 30.01.22.
9. 3 Nos. of Data Logger (Make-Efftronics) provide at PPTA Relay Hut – 2 & PPTA Station -1 on 16.01.22.
10. AC provided at 7 Stations viz. DURE, RJPB, PNC, BEHS, JHD, DLN & ZNA on 05.10.21 in Relay Room.
11. MUX (Make- Deltron) commissioned at Dumri (DMRX) IBH between MKB-BRYA on 15.08.21.
12. Axle Counter one unit wiring done at 67 Stations in MAY'21.
13. 22 Nos. of Shunt Signal Lamp replaced with LEDs at PNBE in APR'21.
14. 131 Nos. of Signal Lamps replaced with LEDs at PNBE yard on 23.05.21.
15. 864 Nos. of Old LED replaced.
16. 659 Nos. of old Relay replaced.
17. 59 Nos. of Point Machine provided.
18. 592 Nos. of battery (80 Ah - 415, 300 Ah – 112, 200 Ah - 65) replaced.

### **Telecom**

1. CCTV Camera commissioned at 5 Stations i.e. PPTA (26 Nos.) on 18.05.21, JHD (32 Nos.) on 13.07.21, TEA (30 Nos.) on 31.07.21, JMU (37 Nos.) on 08.10.21 & FUT (39 Nos.) on 30.10.21.
2. CCTV Camera provided at LC 1PG'S' (PNBE) [4 Nos.] on 15.12.21 & 33B (PWS) [4 Nos.] on 11.12.21.
3. Wi-Fi commissioned at ORO on 19.04.21 & TRG on 08.10.21.
4. CGS (Coach Guidance System) commissioned at ZNA [Platform No. 1 (24 Nos.) & Platform No. 2 (24 Nos.) on 25.12.21.
5. TIB (5 Line Single Face) commissioned at ZNA (In front of Booking office) on 25.12.21 & GMR (Main Entrance) on 25.12.21.
6. UTS provided at KRTR on 08.12.21.
7. PA System commissioned at NES on 11.08.21.
8. Wireless system provided between Patna Jn. to Patna Saheb Gurudwara for PRS network on 16.12.21.
9. Passenger Operated Enquiry Terminal (POET) commissioned at 7 Stations i.e. DNR (4 Nos.) on 20.01.22, PNBE (4 Nos.) on 03.01.22, KEU (4 Nos.) on 18.02.22, MKA (4 Nos.) on 21.02.22, PNC (6 Nos.) on 22.02.22, RGD (4 Nos.) on 23.02.22 & JAJ (4 Nos.) on 27.02.22.
10. FCT (Fixed Cellular Telephone) provided at all stations in DEC'21.
11. COA (Control Office Application) commissioned at MKA on 17.08.21.
12. STM-4 (Make-Tejas) & MUX (Make-Webfil) commissioned at SGYN on 10.12.21.
13. Auditorium Provided at Central Super Specialty Hospital (CSSH), Patna on 27.06.21.
14. 10 Nos. of Fire Alarm System provided at KCA/OFC, DHA/OFC, BWH/OFC, GMR/OFC, CSA/OFC, BTA/OFC, NEO/OFC, DNR/OFC, DNR/Exchange & MNP/OFC.