

SIGNAL ACHIEVEMENTS 2024-25

1. Commissioning of Std. II Electronic Interlocking (EI) with MACLS & Dual VDU at RAS station in BNGM-RAS section done on 20.02.2025.
2. Commissioning of Std. II EI with MACLS & Dual VDU at BPKH Station as a 'B' Class with 01 loop line and 04 stabling lines on 28.02.2025.
3. Meter Gauge yard included in Electronic Interlocking (EI) and dual display provision for visual display has also been made at MJ Junction on 04.02.2025.
4. LC-1 (MD-BPKH) has been commissioned on dt 04.09.2024 with equipment IPS, ELB, RTU, FACS, ELD etc....
5. Provision of SSBPAC–BNGM-RAS (Efftronic) with HASSDAC (CEL) & EI logic update for the same at BNGM on 10.02.2025.
6. RPZ, PMO & KIN station commissioned in connection with additional loop line provision during the month with Kyosan make EI (Dual VDU) by GSU with the help of division.
7. A new SSBPAC (Efftronic make) was installed in the MVJ-NDT section in place of the Single line Tokenless block instrument with HASSDAC (GG Tronics make) this month by Dy. CSTE/C/AII with the help of division.
8. 23 Nos. of old and over aged IPS system were replaced in AII-DET & COR-UDZ section by GSU unit.
9. CEL make HASSDAC commissioned at JTY at 01 AT/BT/CT, SZA at 46 T & MXO at 12 BT steel girder bridges in parallel to conventional DC track circuit.
10. New fire alarms RDSO approved (Notofire) were installed at 17 stations:
11. Logic circuits have been updated at BHWA & LSD Station.
12. A new safety point alarm unit (SPAU – Efftronic make) were installed & commissioned at 84 stations over Ajmer division during the year.
13. Ring power supply arrangement completed at 12 stations.
14. 130 dummy glued joints have been removed at 9 stations to improve the reliability of track circuits over AII Division
15. 12 Nos. of over aged Point machines have been replaced during the year.
16. 92 Mos. of Point machines have been replaced in c/w TWS point over AII Division.
17. Total 03 SGE Double line block instt. Replaced (JAL-SOS, BWA-AU & BWA-SOS).

- 18.** Total 1062 Nos. over aged LED aspect have been replaced over AII Division.
- 19.** Updation of ECB & SYNC PCB firmware of MLK-II Installation to version 7.70 done at 03 stations (PDWA, KVJ, BNS).
- 20.** Compliance of EI TAN on cyber security dated. 01.03.2003 done at 05 stations (PDWA, KVJ, BNS, MD, UDZ).
- 21.** Selection Table testing has been done at 26 Stations during the year.
- 22.** Directive maintenance has been done at all Stations of the Division.
- 23.** Total 2760 Nos. Secondary batteries of IPS, 366 Nos. of track batteries and 552 VRLA batteries have been replaced during the year.
- 24.** 18.23 M/Ton Ferrous and 14.782 M/Ton mom ferrous has been D-S8ed during the year.
- 25.** Power supply segregation done at 3 section HP-BAR, AHO-HTD & BER-BNGM during this FY.
- 26.** 06 Nos. AC boxes have been lifted at PDWA station.
- 27.** Total 6930 Mts. of 12 cores, 500 Mts. of 24 core and 180 mts. of 6 core defective signalling cable have been replaced at DOZ, JAL, BNGM, SOD, DRS, BMN, RLR, SSR, SIM, CTT & KRJD Station during the year.
- 28.** Total 2185 Mts. of defective power cable (24V) have been replaced at MAA, SIM, JTY & CTT during the year.
- 29.** 04 Nos of location box shifted at BER Station during FOB work.
- 30.** 33385 Mts of signalling cables have been shifted at ABR Station for RUB work, 40 Mts cable has been shifted at RLR station for NHAI work and at UDZ for Electric loco trip shed work.
- 31.** LC 49 (WSL) at AII yard closed permanently for Road traffic on date 28.08.2024 & LC-72 (DRB-RPZ) closed on 22.01.2025.
- 32.** 5 Nos Location box shifted at NDT station during GC work & 3 Nos Location box shifted at UDZ station during ABS work.
- 33.** 4 Nos. Location box shifted at KIN station during additional third loop line work.
- 34.** 3 Nos. of 48 V SMPS chargers replaced at JWB, MOI & BMN during this month.