

## **SIGNAL ACHIEVEMENTS 2021-22**

- Provision of Double distant signal for making signaling fit for 130 Km/h in AII - PNU section.
- MSDAC in parallel to track circuit in yard has commissioned at BER & AHO stations.
- HASSDAC commissioned in 10 sections in RANI- BNS section.
- LC gate No. 9 between HTD-ROS Interlocked.
- Automatic Fire Detection & Alarm system provided at all stations in division.
- 06 Nos. Emergency Slide boom has been commissioned during the year.
- SSDAC commissioned at girder bridge on Track circuit 46T at BNS station.
- Redundancy provided in BPAC in MJ-DRS section departmentally using released material.
- BPAC Media Redundancy by Quad and OFC done in 10 sections in MD-PNU section.
- Trolley suppression arrangement to improve reliability of DAC used in BPAC done at 71 stations.
- Control office application (COA) system linked with Data Logger at MVJ.
- Division has interlocked MSDAC with EI at BER station. For this several bits were generated and connected with EI. This **system is introduced first time in NWR and probably in IR also.**
- In house alteration done in Kyosan & Westrace make EI and VDU layout for closing of LC gate at KZQ, SOD, AUWA, SOS, HP, CNL, JAL, MOI, IQJ, BRLY, MLI, PDWA, RANI and BER.
- Setup of diagnosis centre for Kyosan make EI at MJ station by means of networking of MTC and installation of test Jig.
- Development of SATGURU App for easy access of latest HQ and Railway Board Policy letters.
- 74.205 M Ton Ferrous/ non ferrous have been D-S8ed during the year.
- 78 Nos. of defective Glued Joint have been replaced to improve reliability of track circuits over division.
- 119 Nos. old and worn out Point Machines have been replaced over division.
- Total 1060 old secondary batteries have been replaced over division.
- 220 mm Point Machines provided on 81 Thick Web switches.
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- Hardware & Software Modification of GGTronics Make SSDAC/HASSDAC have been done at BER-APA, APA-SEU, HP-GRI, BQN-SOD & DRS-MJ block section.
- 15 Nos. of defective Glued Joint have been replaced at 11 stations ( AHO-01, SDH-01, BAR-01, JAL-01, JWB-01, MOI- 01, NANA-01, JWS-04, BDW-02, MDPA-01 & BSJ-01) to improve reliability of track circuits over AII Division.

- 05 Nos. Pt. M/c have been replaced at stations.
- 17 Nos machines replaced with TWS .
- Safety integrity test has been done at 05 stations.
- Telephone numbers of RPZ station shifted from 6 Quad to OFC through Gateway at RPZ
- 1.630 M/Ton Ferrous has been D-S8ed during the month by SSE/SIG/AII.
- Directive maintenance has been done at 22 Stations during till date.