

## Signalling Achievements/Highlights (Apr'20 to Mar'21)

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1	Electronic interlocking has been commissioned at Chichonda station on date 12.09.2020 & Teegaon station on date 22.12.2020 in connection with 3rd line for improving train operation as well as safety in that section
2	Commissioned alteration at Godhni chord cabin station in connection with double line towards Kalumna (SECR) side on date 20.12.2020 thereby improving throughput.
3	At Tuljapur replaced IPS as per latest specification to improve reliability.
4	After completion of codal life old IPS batteries replaced with new 300AH & 200AH, at 15 Stations, 16 LC Gates and 4 IBH.
5	Block Proving Axle Counter (BPAC) commissioned in 25 block sections thereby making signalling system suitable for high speed trains ensuring last vehicle check in sections.
6	Total 698 numbers of out-lived batteries for track circuits (2V, 80Ah) have been replaced.
7	Fire alarm system has been replaced by new RDSO version 2.0 at stations viz. WARDHA RRI, AJNI RRI, MAJRI JN, AMLA, BALLARSHAH for improved monitoring and security.
8	The Neils token block instrument in MOORSA-TADALI section has been replaced with tokenless block panel (UFSBI) improving sectional throughput.
9	Direct boom locking complete in sliding boom at 29 LC's improving safety and reliability.
10	Interlocking of Crank handle at LC Gates installed at 12 nos LC gates improving safety and making system more reliable, viz. LC-287, LC-264B & LC-289, LC-270, LC-265 SPL, LC-282B, LC-1, LC-282A, LC-268D, LC-282.
11	Total 205.684 MT scrap (111.335 Mt Ferrous scrap, 39.389 MT Non ferrous scrap and 54.96 MT Batteries) have been disposed off from Nagpur Division to earn much needed revenue for Railways.
12	5 nos Thick web switch provided at 2 stations, viz. Malkhed & Timtala stations improving their life and enhancing speed of Trains.
13	Integrated LED replace with old LED's 363 of RG, HG & DG aspect at 17 Stations, 7 LC's and 7 IBS of Nagpur Division to improve reliability.
14	RTUs networked with Data Logger in 08 nos LC Gates & IBS to monitor of failures.
15	37 nos of Replacement of stand by fuse boxes in 10 stations & 3 LC's to improve reliability.
16	293 Point Machines replace at 35 stations which are due for replacement to improve reliability and safety.
17	Dual Detection at IBS Tadali(TAE)-Chhotipadoli(CPW) with power segregation and auto resetting commissioned on date 16.06.20 with MSDAC. Also Dual detection provided at 203AXT(Dn main line bridge portion) & 245AXT (Up main line bridge portion) at Barbatpur station to improve availability of system.