

Signalling Achievements / Highlights (Apr'16 to Mar' 17)

- 1) Automatic block signalling system (16 Kms.) has been commissioned on 06th and 07th July 2016 in between Lonavala-'B to Kamshet section of Pune Division.
- 2) Route Relay interlocking has been commissioned at Goods cabin no. I, II & GF-10 of Pune Yard in place of mechanical operated lever frames.
- 3) New line of Lonand-Phaltan (26.650 Kms.) has been commissioned. In-connection with this alterations carried out in Lonand relay room (Point-3, Signal-6 and Track-13).
- 4) Reduction in signaling incidences by 14% compared to last year (from 1121 in 2015-16 to 960 in 2016-17).
- 5) Multi Section Digital Axle Counter (MSDAC) of M/s Siemens make (10 DP and 08 track sections) has been installed and commissioned for dual detection of track circuits at Shelarwadi station (covering 17 tracks out of total 19 tracks).
- 6) Multi Section Digital Axle Counter (MSDAC) of M/s Siemens make (10 DP and 08 Track section) has been installed and commissioned for dual detection of track circuits at Vadgaon station of Pune Division.
- 7) Level Crossing Gate no. 112 (Kirloskarwadi station), 38 (Malavali-Kamshet) and 17 (Patas-Daund) converted from MLB/leaf type to ELB.
- 8) Sliding boom at total 10 LC gates i.e. no. 52 (SLRW), 36A (MVL) 17 (PAA-DD), 49 (VDN-TGN), 9 (URI-YT), 20 (DD-BRMT), 13 (KDG-PAA), 14 (KDG-PAA), 40 (LNN) and 03 (DD-BRMT) have been commissioned.
- 9) New IPS of make Amara-Raja of latest version with VRLA batteries of 300AH (55+5 cells of 2V/300AH) installed and commissioned along with existing conventional power supply as standby at Pune Central (external, Axle counter, Panel indication, Signals, MSDAC, cutting in relays etc).
- 10) Fire alarm system has been provided at stations viz. Hadapsar, Loni, Uruli, Yevat, Kedgaon, Patas, Lonand, Adarki and Wathar stations.
- 11) For continuous monitoring of discrete signaling power supply, indication panel has been provided in ESM room at Loni, Kedgaon & Patas stations.
- 12) Total 110 nos. (CO2 type / 4.5KG) of fire extinguishers have been provided at all way side stations (one in relay room and one in IPS room) of Pune Division.
- 13) Overhauling of Goods cabin of Loni yard and GC-IV carried out.
- 14) Total 22 Nos. of AFTC track circuits of Pimpri, Dapodi and Pune stations have been converted into DC track circuits.
- 15) Total 83.4 MT scrap (27.0 MT ferrous scrap, 8.1 MT non-ferrous scrap and 48.3 scrap batteries) have been disposed off from Pune Division.
- 16) After completion of codal life old IPS batteries replaced with new 300AH VRLA batteries at 14 stations / LC Gates.
- 17) Total 262 numbers (10 stations) of out-lived batteries for track circuits (2V, 80AH) have been replaced.
- 18) Program switch of East zone AFTC has been replaced at Pune RRI with heavy duty contact of capacity 100Amp in place of 63Amp.
- 19) Program switch at Miraj RRI has been replaced with heavy duty contact of capacity 100Amp in place of 63Amp (60V external supply).

- 20) Outlived 15 nos. of Track feed battery chargers have been replaced at Saswad station.
- 21) As per HQs policy guidelines cross wiring carried out for all Key lock relays at all stations.
- 22) Total 50 nos. of indoor Q style (QNA1) relays have been replaced at Khadki station in place of old relays of 2000-2001.
- 23) Around 6 Kms. signaling cable have been replaced in the division.

As on 28.06.2017