

## **ACHIEVEMENTS: (April 2020- March- 2021)**

### **A. SIGNAL**

- 1) 02 Nos. New Route Relay Interlocking (RRI) Commissioned at Kharbao and Juinagar.
- 2) One new Visual Display Unit (VDU) commissioned at Thakurwadi In lieu of operating panel .
- 3) 2 Electronic Interlocking (EI) of M/s Medha Ltd has been commissioned at Reay Road Auto Hut and DKRD.
- 4) 83 Nos. of Siemens make MSDAC have been commissioned at Kharbao (22 Nos.), Somatane (24 Nos.), Kharghar (13 Nos.) and JITE (24 Nos.) for dual detection.
- 5) 15 Nos. of CEL make MSDAC have been commissioned at Khopoli for dual detection.
- 6) 25 No.of Frauscher make MSDAC have been commissioned at Vikhroli for dual detection.
- 7) 67 No. of existing DAC provided with auto resetting at OMB-9, Ulhasnagar (8), LC-7 (14), LC-19 (12) and Jite-24 in dual detection system.
- 8) Rewiring and 'rehabilitation of Indoor equipment of LC-30.
- 9) 27 Nos. Of over aged Alstom AFTC replaced by Siemens AFTC at Thane Trans Harbour line.
- 10) Modification of EI at Khandala Station in connection of Signal no-I(R) made 3 Aspect.
- 11) 01 No.of RTU has been commissioned at LC-48 Kalyan - Titwala Section.
- 12) 1 No. of Statcon make IPS have been commissioned at LNL 'A' cabin.
- 13) Crank Handle of 11 Nos. of LC Gate Interlocked in NE Section (Gate No 58, 60, 64 & 73) and SE Section (Gate No 17,19,20,21, 23, 5 & 7).
- 14) 257 Nos. of S bonds and  $\alpha$  bonds have been replaced at various stations.
- 15) 78 Nos. Point Machines have been replaced at various stations.
- 16) 82 Nos. Signals have been replaced.

## **B. Telecom Achievements (April 2020- March- 2021)**

- 1) Additional CCTV Camera Installation:- Total 174 Nos. of CCTV installed at Tilak Nagar, Lonavla, Mankhurd, Asangaon, Khardi, Slon, Kurla, CSMT, Wadala, Dadar, LTI, Thane, Kalyan, Govandi, Chembur, Ray Road and Dockyard Road.
- 2) Wi-Fi Commissioning:- Total 16 Stations are commissioned i.e. Juinagar, Mansarovar, Nerul, Vithalwadi, VidhyaVihar, Sanpada, Kharbov, Kasara, Khardi, Kasu, Chouk, BamanDongri, Kalva, Kharkopar, Kharghar and Seawood.
- 3) Replacement of Exchange:- Replaced AWAYA VoIP exchange at KLMG as Old exchange of same make became faulty.
- 4) Replacement of Battery Bank:- Battery Bank replaced at PNVL Exchange, Lonavala OFC room.
- 5) New Battery Charger Installation:- New battery charger installed at Sanpada Exchange room, Vidhyavihar OFC room.
- 6) Installation of EC sockets:- EC socket changed in SE Ghat section at 113/23A, 113/IA, 112/23A, 112/47A, 111/23A, 111/SA, T No 21 (2 Sockets)
- 7) Installation of MUX:- Replaced 4 Nos of PCL-30 MUX by PCL-100 MUX in PNVL-PEN-ROHA
- 8) GPS Clock Installation:- New GPS clock installed at LTT old Building, Tilak Nagar, KPI CTL, Chembur CTL, Vidhyavihar Central cabin.
- 9) IP Based CA System installation:- New IP based CA system installed at 19 Stations i.e. CSMT Main Line, CSMT Suburban, Byculla, Vashi, Vidyavihar, Sion, Parel, Dadar, Malunga, Chinchpokali, Kurla, Ghatkopar, Vikhroli, Kanjur Marg, Bhandup, Nahur, Mulund and Currey Road.
- 10) Coach Guidance Installation:-171 Numbers of Coach Guidance installed at Lonavla, Panvel and Igatpuri.
- 11) Indicators:- 37 Numbers of Indicator installed at Lonavla, Vadala, Vangani and Khopoli.
- 12) Main Line Train Arrival/Departure display board installation:- Main line train A/D LFD type display board installed at Dadar, LTT. IP based New LED arrival and departure display board (Double face 5 Line) installed in main line concourse at CSMT.
- 13) NTES Connectivity:- NTES connectivity given at CSMT, Dadar and Lonavla.
- 14) Work Done During Pandemic:- Arrangement of temporary control office with parallel arrangement in DRM building during pandemic for emergency. (7 Nos. of control board, CA system, 138 helpline etc.)
- 15) Counter Communication installation:-
  - a) Counter Communication installed at LTI, Dombivali, Kalyan, Vashi, Ghalkopar, Panvel, Dadar, CSMT, Thane and Mulund.
  - b) New Covid-19 A/C Ward Byculla Hospital:- Railnet switch 24 port provided with optical connectivity.