

SIGNALLING HIGHLIGHTS FOR YEAR 2023-24 MUMBAI DIVISION

SIGNAL REPLACED	POINT GROUND CONNECTION REPLACED	S, ALPHA, SHORT BOND REPLACED	POINT M/C REPLACED	NEW TWS POINT INSTALLED	POINT MOTOR REPLACED	IPS BATTERIES SET REPLACED
122	397	991	170	74	164	101

5 Nos of IBH Power Supply monitoring unit installed at Asangaon station for Asangaon UP & DN IBH and at Titwala for LC-53 IBH, Kaman Road, Kharbao

03 Nos. of Servin Make RTU replaced by Efftronics Make RTU at LC-4 (Bhivandi), LC-1 (Dativli) and LC-5 (Palasdari-Khopoli) Section

03 Nos. New RTUs are Commissioned at Kurla LC-9A, Chunabhatti LC-1, Panvel-Dapoli LC-23

03 Nos. of Fire Alarm Box were replaced at Janmburg, Thakurwadi, Palasdari

26 Nos. of new DC Track Circuit commissioned at Mankhurd

Modification in Electronic Interlocking related to provision of dual VDU and Alteration work related to LC Gate LX-60 & LX-61 closing

Modification of Medha make Electronic Interlocking changed logic departmentally to avoid failure of FCOR Relay at Dockyard Road

Monsoon Precaution of gears such as Signal Sealing, AWS Sealing, AFTC TU Sealing, Water Proof Motors provided in most of the Points and 100% Meggering work completed in BB Division

Shifting of old Relay Room from Porta Cabin (ABB Type) to new Relay Room (Siemens type), including shifting of Power Supply, Signal cable & AFTC Tx-Rx

15 km new Quad Cable charged at Asangaon-Atagaon LC-68 IBH

Water proof Detector Trolley are provided at Byculla Point no 108 & 109

CT Rack description writing & correctness checking work completed CSMT, MZN, BY, PR, DR, CLA, VVH, VK, BND, NHR, MLND, TNA, PSK, KLV, DW, DCC, DI, THK and KYN

New Electronic Interlocking of M/s Siemens make commissioned at Juinagar

Block Proving Axle Counter commissioning on Khadvali-Vasind and the Vasind-Asangaon section

13 Nos. of Siemens Make MSDAC commissioning on JNJ (9), KDV (2) and VSD (2) for Dual Detection

50 Nos. of old AFTC replaced by Frauscher Make Digital Axle Counter at Kaman

Road (22 U&S AFTC) and Thakrwadi (12 Alstrom AFTC) Ulhasnagar (8) and LC-9 Ambernath-Badlapur Section (8)
01 Nos. IPS commissioned at Nilje LC-06
15 km new Quad Cable charged at Asangaon-Atagaon LC-68 IBH
New Electronic Interlocking (78 routes) of M/s Medha make commissioned at Panvel Harbour. In this works 34 Siemens AFTC, 14 Point Machines and 06 Nos of Signal Units are replaced
03 Nos of New Siemens AFTCs are commissioned at Panvel Harbour
37 Nos of Siemens DAC commissioned at Panvel Harbour for Dual Detection
27 Nos of old (24 Nos. Alstom and 03 Nos Siemens) AFTC are replaced by Frauscher Make Digital Axle Counter at Lonavala B Cabin
08 Nos Frauscher Make Digital Axle Counters are commissioned at Lonavala B Cabin for dual detection
01 Nos IPS HBL make Power System commissioned at Panvel Harbour
01 Nos Datalogger Efftronics make commissioned at Panvel Harbour
New Fire Alarm Sensor (67 nos) of Avani Raval Make commissioned at Panvel Harbour
Provision of Signal Gantry at Khadavli DN Main Line Starter Signal S-12 for better visibility
04 Nos. Siemens AFTC converted to DC TC at Koparkhairne
Winter Precautions, Datalogger Validation and Meggaring Work is in Progress
Provision of Dual Block Proving Axle Counter on UP & DN Lines between Panvel-Dapoli Section
21 Nos. ABB AFTC replaced by 14 nos of Frauscher Make Digital Axle Counter at LC-7 Ambernath-Badlapur Section
Provision of 3rd power supply at LC-22 in Neral-Bhivpuri Section
TGR-2 ALSTOM AFTCs (18 Nos) have been replaced with new Frauscher DAC
Outdoor Signalling gears have been painted for section from CSMT to KYN in connection with GM Inspection
The keys for the MSDAC Reset boxes have been removed and are now kept in the custody of On-Duty Signalling staff at all stations of BB Division, except at Stations where Operating staff is performing resetting
Commissioning of BPAC (Block Proving Axle Counter) Dual on UP & DN Lines

between Asangaon-Atgaon Section
21 Nos. of M/S Elydyne make MSDAC commissioned for Dual Detection at Mazgaon Yard
Thane Signal S-32 and Kalyan S-46 & S-48 shifted to TTC (Two Track Centre) for better visibility of Signal
15 Nos. of PATM (Parallel Additional Track Magnet) provided at CSMT-Kalyan Section
2 Nos. of Intermediate Block Hut (IBH) Commissioning at Ulhas Bridge Cabin Dombivali- Bhivandi and Roha-Nagothane Section

TELECOM HIGHLIGHTS FOR YEAR 2023-24 MUMBAI DIVISION

60 nos. of new counter communication system (CCS) install at Shahad (4 Nos.), Ambivali (3 Nos.), Khadavali (2 Nos.), Vasind (2 Nos.), Atgaon (1 No.), Khardi (1 No.), Vadala Rd (6 Nos.), Kings Circle (3 Nos.), Nerul (5 Nos.), Vashi (4 Nos.), Kharghar (3 Nos.), Mansarover (3 Nos.), Khandeswar (3 Nos), Bamandongri (3 Nos), Kharkopar (2 Nos.), LNL (5 Nos.), Badlapur (7 Nos.) and Ulhasnagar (4 Nos.)
IP based CA provided at 48 stations.
New Coach Guidance installed at Bhiwandi Road stn. (PF/2 – 18, PF/3 – 21 and PF/4 – 24 Nos.)
Kalyan station all indicator and Coach guidance replaced with new.
Suburban indicators are replaced with new at Vadala, Byculla, Chinchpokli, Sandhurst Rd, Parel, Matunga, Vikiroli and Shahad.
Voice logger provided at 16 LC gates.
New section (Kharkopar – Uran) is commissioned with 4 stations (Ranjanpada, Nhavasheva, Dronagiri and Uran) with all Telecom facilities as under: - <ul style="list-style-type: none"> • Control equipments are commissioned. • PC based Public address system commissioned. • PC based Train display boards commissioned.