

## SIGNAL & TELECOMMUNICATIONS

### Mission:

- Maintenance of all signaling and telecom assets of the division for safe & punctual running of trains.
- Maintenance of the Modern IP based networks & telephone exchanges for administrative & control communication
- Maintenance of passenger information systems and surveillance systems at stations to serve the needs of the passengers.

### Work force Status as on 31.7.2025

	Sanctioned	Actual	Vacancy
<b>SIGNAL:</b>			
SSE	15	14	01
JE	12	9	03
Technicians	84	72	12
Signal Total	<b>111</b>	<b>95</b>	<b>16</b>
<b>TELECOM:</b>			
SSE	9	9	00
JE	8	7	01
Technicians	34	35	-1
Telecom Total	<b>51</b>	<b>51</b>	<b>0</b>
<b>Artisans</b>	0	0	0
<b>Group D</b>	<b>85</b>	<b>78</b>	<b>07</b>
Ministerial and Drawing staff	10	10	0
<b>Grand Total</b>	<b>257</b>	<b>234</b>	<b>23</b>

### **Signalling Assets as on 31.07.2025**

Entire section is provided with colour light LED signaling and panel /EI interlocking. The population of assets is given below:

<b>S. No</b>	<b>Description</b>	<b>Numbers</b>	<b>Remarks</b>
1.	No. of Stations	64	
2	No. of 'B' route stations	58	
3	No. of 'D' route stations	1	MCLA
4	No. of 'E' route stations	6	RAL,VMU,JNPD,RPCA,NMLI, VNUP-BP
5	Std 1R	3	GNT, RAL & MCLA
6	Std 2R	41	
	Std 3R	21	
7	No. of Block sections	70	
8	No. of SGE Block sections	04	KCC- MAG, MAG-NBR, NBR-REP & GNT-NLPD
9	No. of Diado block sections	03	PGDP-BMMP, TEL-VMU, VMU-RAL
10	No. of Web Fill block sections	02	SYM-VKN,VKN-CEM
11	No. of Doule line Efftronics block sections	03	TEL-SJL,SJL-VJA,VJA-MIX
12	No. of UFSBI block sections	54	
13	No. of SSDAC block sections	01	GNT-MIX
14	Continues Track circuits Block sections	03	GNT-REP, REP-MIX & VNUP-VNUP.BP
15	No. of BPAC sections	64	
16	No. of non BPAC Sections	2	TEL-VMU, VMU-RAL
17	No. of EI stations	45	
i	Distributed EI Stations	5	NLPD, STUR, NDKD,GKM & NDL
ii	Centre EI Stations	40	

16	No. of Interlocked LC Gates	82	
17	No. of yard interlocked gates	45	
18	No. of Mid section interlocked gates	37	
19	No. of emergency slide gates	82	
20	No. of EOLBs	70	
21	No. of MOLBs	12	
22	No. of Route setting panels	9	BMMP, RYGA, KADM, JNPD, MCLA, BDPL, NDPL, VMU, RAL.
23	No. of non route setting Panels	11	GNT, SRPM, PKPU, SAP,REM, BMKD,REP,NBR,MAG,CMZ,GZL
24	No. of IPS	65 (stations)	
25	No. of data loggers	65 (stations)	

### **Telecommunication Assets as on 31.07.2025**

Entire division is provided with 6 Quad underground Cable and Optical fiber cable for Control Communication and Data Circuits..

<b>S. No</b>	<b>Description</b>	<b>Numbers</b>
1	6 Quad cable	719.73 Km
2	OFC Cable	720.23 Km
3	No of BSNL Phones at Stations	13 Nos.
4	No of 5W VHF Radios	1047 Nos.
5	No of 25W VHF Radios	88 Nos.
6	No of Stations Provided with Voice Loggers for Non-Interlocked LC Gates Conversation Recording	29 stations
7	No of Control Boards(NORTH,CENTRE,WEST)	03 Nos.
8	Total No. of STM-1	68 Locations
9	Total No. of STM-4	11 Locations

10	Total No.of PD Muxes	80 Locations
11	Total No. of FOIS locations	21 Locations
12	Total No.of Wi-Fi locations	63 Stations
13	Total No of EC Sockets	672 Nos.
14	Total No of Exchanges	07 Locations

## PASSENGER AMENITIES

All important Stations are covered with public announcement systems. LED based train Indication Boards, clocks, UTS/PRS and Surveillance systems are installed at important stations of Division. All the stations/cabins are provided with CUG FCT phone connection as an alternate communication medium. The population of assets is given below:-

SL NO	Description of Passenger Amenities	Name of the Stations	Locations
1	Integrated Passenger Information System-IPIS	GNT,NGNT,SAP,PGRL,NDKD,MRGA,NLDA,NRT ,VKN,NDL,MRK	11 Stations
2	Solid State PA Systems	RAL,VMU,CIV,SJL,VJA,NBR,PDKN,MAG,NLPD, PRCA,PPM,NDPU,STUR,SAB,BDPL,SRPM,PKPU, REM,BMKD,TMLU,PDGL,TPPI,SRMR,VLG,NRDP, MCLA,CBM,GID,CMZ,DKD,NDPL.	31 Stations
4	At a Glance Boards	GNT,NGNT,SAP,PGRL,NDKD,MRGA,NLDA,NRT ,VKN,NDL,MRK	11 Stations
5	Train Indication Boards	GNT,NGNT,SAP,PGRL,NDKD,MRGA,NLDA,NRT, VKN,NDL	10 Stations
6	Coach Indication Boards	GNT,NGNT,SAP,PGRL,NDKD,MRGA,NLDA,NRT, VKN,NDL,MRK	11 Stations
7	Video Surveillance System	GNT, NLDA & NDL	03 Stations
8	Digital GPS Clocks	SAP, PGRL, MRGA, NLDA, MAG, RAL, NGNT.	07 Stations
9	Analog GPS Clocks	GNT,MAG,NDL,RAL,CBM,GID,MCLA, MRGA,MRK,NDKD,NLDA,NRT,VKN, PPM,DKD,BDPL,BMKD,BQU,CEM,CIV, CMZ,CTYL,DMT,GJJ,GKM,GZL,JBK,KCD, MUK,NBR,NDPU,NLPD,NRDP,PDGL, PDKN,PKPU,POA,POO,PRCA,REM, RMNP,SAB,SDV,SJL,SYM,SRPM,SRMR, STUR,TLU,TMLU,TPPI,VJA,VLG,VMU, VNUP,NDPL	56 Stations
10	Total No of Unified PRS & UTS	VMU, VJA, NGNT,NBR, MAG,PRCA, PPM,NRT,VKN,KCD,DKD,MRK,CBM,GID, GZL,SRPM,PKPU,SAP,PGRL,NDKD, MCLA,VNUP,MRGA,CTYL,RMNP	25 Stations
11	Total No of PRS	NDL, GNT, RAL, NLDA & AP Secretariat.	05 Stations
12	Total No of UTS	NRDP, VLG, SRMR, NLDA, TPPI, PDGL, TMLU, REM, BMKD, BDPL, NLPD, GNT, SJL, RAL, STUR, SAB, MUK, SYM, GKM, GJJ, TLU, SDV, DMT, CMZ, NDL, NDPU, JBK, POO, CEM,NLPI, RPCA, PGRN	32 Stations

13	Total Wi-Fi locations	GNT, NBR, MAG, VJA, SJL,BDPL, SRPM, PKPU, SAP, REM,NRT, VKN, DKD, BMKD,PGRL, TMLU, NDKD, PDGL, VNUP, MRGA, TPPI, SRMR, CTYL, RMNP, VLG, NRDP, CBM, CEM, CMZ,DMT, GID, GJJ, GKM, GZL, JBK, KCD, MCLA,MRK, MUK, NDL, NDPU, NGNT, NLDA, NLPD, POO, PPM, PRCA, RAL, SAB, SDV, STUR, SYM, TLU, VMU, KADM, RYGA, KDGL ,NLPI,RPCA,PGRN,NDPL,BMMP,JNPD	63
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