

## 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 30.06.2021

	Sanctioned	Actuals	Vacancy
<b>SIGNAL:</b>			
SSE	15	15	0
JE	12	10	2
Technicians	80	70	10
Signal Total	<b>107</b>	<b>95</b>	<b>12</b>
<b>TELECOM:</b>			
SSE	11	11	0
JE	8	6	2
Technicians	34	21	13
Telecom Total	<b>53</b>	<b>38</b>	<b>15</b>
<b>Artisans</b>	0	0	0
<b>Group D</b>	<b>86</b>	<b>62</b>	<b>24</b>
Ministerial and Drawing staff	12	11	1
<b>Grand Total</b>	<b>258</b>	<b>206</b>	<b>51</b>

## **Signalling Assets as on 30.06.2021**

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	65	
2	No. of 'B' route stations	59	
3	No. of 'D' route stations	1	
4	No. of 'E' route stations	5	
5	Std 1R	3	GNT, RAL & MCLA
6	Std 2R	63	
7	No. of Block sections	69	
8	No. of SGE Block sections	04	KCC- MAG, MAG-NBR, NBR-REP & GNT-NLDP
9	No. of Diado block sections	04	, PGDP-BMMP, VNUP-JNPD, TEL-VMU, VMU-RAL
10	No. of UFSBI block sections	58	
11	No. of SSDAC block sections	01	GNT-MIX
12	Continues Track circuits Block sections	02	GNT-REP & REP-MIX
13	No. of BPAC sections	64	
14	No. of non BPAC Sections	5	VNUP-JNPD, GNT-REP, REP-MIX, TEL-VMU, VMU-RAL
15	No. of EI stations	16	SJL,VJA,MIX,NLPD,PRCA,PPM,NDPU,STUR,SYM,NDL,RPCA,NMLI,PGRN,NDKD,DKD.GJJ
i	Distributed EI Stations	4	NLPD,STUR, NDKD & NDL
ii	Centre EI Stations	12	SJL,VJA,MIX, PRCA,PPM,NDPU,SYM,RPCA,NMLI,PGRN,DKD,GJJ
16	No. of Interlocked LC Gates	84	
17	No. of yard interlocked gates	52	
18	No. of Mid section	32	

	interlocked gates		
19	No. of emergency slide gates	64	
20	No. of EOLBs	29	
21	No. of MOLBs	55	
22	No. of Route setting panels	13	BMMP, NRDP, RMNP, RYGA, KADM, VNUP, JNPD, MCLA, BDPL, NDPL, YADA, POO, VMU
23	No. of non route setting Panels	38	
24	No. of IPS	65 (stations)	
25	No. of data loggers	65 (stations)	

## TELECOMMUNICATION ASSETS

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

S. No	Description	Numbers
1	6 Quad cable	676.76 Km
2	OFC Cable	676.76 Km
3	No of BSNL Phones at Stations	80
4	No of 5W VHF Radios	797
5	No of 25W VHF Radios	88
6	No of Speech Circuits/Patching Circuits: BSNL	09
7	LC Gates with Telephone	150
8	No of 2 Mbps Channels	120
9	No of Control Boards(NRDP & NDL)	02
10	Total No. of STM-1	65
11	Total No. of STM-4	13
12	Total No.of PD Muxes	80
13	Total No. of FOIS locations	12
14	Total No.of Wi-Fi locations	63
15	Total No of EC Sockets	682
16	Exchanges GNT,GNT DRM Office, NNRC,NRT ,NDKD, NDL, NLDA	07

## PASSENGER AMENITIES

All important Stations are covered with public announcement systems. BSNL phones are made available at all the stations for convenience of the passengers. 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	Touch Screen Enquiry System	GNT-2, NDL-1, NRT-1, MRK-1, GID-1, MAG-1, SAP-1, PGRL-1, NDKD-1, MRGA-1 & NLDA-1	12 Stations
2	PA Systems	GNT, MAG, NBR, RAL, NDL, GID, CBM, MRK, DKD, VKN, NRT, NLPD, PKPU, SAP, PGRL, NDKD, VNUP, MRGA, NLDA, MCLA & PPM	21 Stations
3	At a Glance Boards	NDL, GID, MRK, NRT, GNT, RAL, NDKD, MRGA & NLDA	09 Stations
4	Train Indication Boards	GID, MRK, GNT, NDKD, MRGA & NLDA	06 stations
5	Coach Indication Boards	NDL, GID, MRK, NRT, GNT, NDKD, MRGA & NLDA	08 Stations
6	Video Surveillance System	GNT, NLDA & NDL	03 Stations
7	Total No of Digital Clocks	GNT, SAP, PGRL, NDKD, MRGA, NLDA, MCLA, MAG, RAL, PPM, NRT, VKN, CBM, MRK, GID & NDL.	16 Stations
8	Automatic ticket vending machine locations	GNT-6, MAG-2, RAL-2, NDL-2, NLDA, MRGA, SAP, MCLA, NDKD, PGRL, NRT, VKN, DKD, MRK, CBM & GID.	24 Locations
9	Total No of Unified PRS & UTS	RMNP, CTYL, MRGA, VNUP, MCLA, NDKD, PGRL, SAP, PKPU, SRPM, NGNT, MAG, VJA, CIV, BQU, VMU, POA, PRCA, PPM, NRT, VKN, KCD, DKD, MRK, CBM, GID, GZL & NBR.	28 Stations
10	Total No of PRS	NDL, GNT, RAL, NLDA & AP Secretariat.	05 Stations
11	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 & YADA.	30 Stations
12	Total No of Indian Post PRS	Suryapet P.O, SAB P.O, MRK P.O, Devarakonda P.O & Srisailam P.O	05 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, 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, YADA, KADM, RYGA, KDGL ,NLPI,RPCL,PGRN,NDPL,BMMP	63
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