

SIGNAL & TELECOMMUNICATION

1. ORGANIZATION

The S&T branch is headed by Sr. DSTE/Cord. who is assisted by 01 Sr.DSTE/W, 01 DSTE, 03 ADSTE and 09 supervisors in-charge.

2. STAFF STRENGTH

Category	Sanctioned strength	On Roll	Vacancy
Supervisor	74	63	11
Group ' C '	348	228	120
Group ' D '	204	212	-8
Total	626	503	123

POSITION OF SAFETY CATEGORY POSTS

Category	Sanction strength	On Roll	Vacancy
SSE/sig	25	24	1
JE/sig	23	22	1
MCM/sig	26	23	3
SM-I	88	24	64
SM-II	33	16	17
SM-III	16	27	-11
SSE/ Tele	17	13	4
JE/Tele	8	4	4
MCM/tele	17	15	2
TCM-I	55	44	11
TCM -II	18	1	17
TCM -III	4	9	-5
Total	330	222	108

3. SIGNALLING

3.1 STANDARD OF INTERLOCKING

Standard	No of stations	Section
A.MACLS standard II (R)		
i.EI	28	RE-SDLP(12), RE-HSR-BTI(9), SOG-SRPR-SGSR(7)
ii.RRI	02	BKN & SRPR
iii.PI	46	BKN-SDLP(18), LGH-SOG-BTI(20), LGH-PLC(8)
B. MACLS standard I (R)	15	BTI-HSR(10), HSR-SDLP(4), SGSR

C.SEMAPHORE		
i.Standard IIR	05	LGH, SOG, HMH, STD & BNW
ii.Standard I	16	HMH-BTI(6), HSR-BNW(3), BNW-ROK(3) & SRPR-APH(4)
iii.Standard I (MG) U/GC	15	HMH-SGNR(3), HMH-SDLP(12)
iv.MNI(MG) U/GC	2	RXW-SRDR

3.2 SYSTEM OF BLOCK WORKING

SYSTEM OF BLOCK WORKING	No. of Block Sections
Singleline Token less Block working	
i.LGH-PLC	09
ii.BKN-LGH-SOG-HMH	19
iii. HMH-BTI A	03
iv. BTI B- HSR	06
v. HSR-BNW-RE	09
vi. RE-SDLP	13
vii. SDLP-HSR	05
viii. SDLP-BKN	19
ix. SOG-SRPR-SGNR	08
Singleline Token Block working	
i. HMH-BTI	07
ii. BTI B-HSR	07
iii. HSR-BNW	04
iv. BNW-ROK	04
v. SRPR-APH	04
Single line BPAC Block	
i. BTI A-BTI, BTI B-BTI	02

4. TELECOMMUNICATION

4.1 CONTROL COMMUNICATION

Control	Section	Signalling & Media	Radio Patching at
1	RE-SSA-ROK	DTMF on 6Quad	RE, HSR. BNW, ROK & SSA
2	SOG-BTI-SSA	DTMF on 6 Quad	HMH, SOG, BTI & SSA
3	BKN-SOG-APH	DTMF on 6 Quad	SOG, LKS & APH
4	BKN-SDLP-HSR	DTMF on 6 Quad	RTGH, CUR, SDLP & HSR
5	LGH-PLC, RE-SDLP	DTMF on 6 Quad	PLC, KLYT, SDLP & RE
6.	SOG-SGNR-HMH-SDLP Via CLL	DTMF on 6 Quad	RSNR, SGNR, HMH, NHR

4.2 AUTO TELEPHONE EXCHANGE

Location	Exchange	Port Capacity	Intercom
BKN	Coral	3000	Coral, Byte
LGH	NEC	256	
SOG	NEC	256	
HMH	NEC	256	
SGNR	CDOT	88	
SDLP	NEC	256	
SSA	CDOT	128	
HSR	NEC	256	
BNW	NEC	256	
RTGH	NEC	256	
CUR	NEC	256	

4.3 OTHER TELECOMMUNICATION CIRCUITS

BSNL Telephones with caller ID except RKK and 25 watt VHF sets have been provided at all 129 stations over the division.

5. PASSENGER AMENITIES

Type of Amenity	Nos	Locations
Computerized Announcement System	25	BKN, SOG,SGNR,HMH, BNW,HSR, SSA,LGH, MBY, LKS, PGK, SGRA, CUR,SDLP, RTGH, STD, KSI, CKD, LHU, MHRG, HNS, ADR, KNL, APH & KLNK
Conventional PA System	9	SDGH, ENB, HMO,KLYT, MHJ, SRW, RMN, RJR & GAMI
Digital Clocks	13	BKN, SOG,SGNR,HMH, BNW, HSR, SSA, LGH, MBY, LKS, CUR, RTGH & APH
Train Indication Board	9	BKN, SOG,SGNR,HMH, BNW,HSR, SSA,LGH, MBY
Coach Indication System	9	BKN, SOG, SGNR, HMH, BNW, HSR, SSA, LGH, MBY

6. PERFORMANCE

Sr. No	Item	2012-2013	2013-2014	% Variation
1	Signaling incidences (up to Sep)	1736	1423	-18.03
2	DESU in 1000	91.37	98.35	
3	Signal Incidences per 1000 DESU per month (up to Sep)	3.17	2.41	-23.97