

SIGNALLING ASSETS ON SOLAPUR DIVISION AS ON MARCH-2018

S.N	Description	No of Assets	Remarks
1	Total No. of Stations	79	B-route(43 stns), D-Route(19 Stns) & E-route(17 Stns) WD-DD section, DD-YL section & LUR-KWV-MRJ, PB-SNSI
2	Route Relay Interlocking (RRI)	3	WD, SUR, DD on B-Route
3	Electronic Interlocking (EI) (MEDHA)	7	B Route-07 Stations (MR, GR, AKOR, TLT, MKPT, AAG, WKA,)
4	Panel Interlocking(PI)	69	B Route-33 Stns, D-Route-19 Stns, E-Route-17 Stns
5	Main Signals	1117	
a	2 Aspect Signals	652	
b	3 Aspect Signals	450	
c	4 Aspect Signals	15	
d	No of Main Signal Aspects	2717	
e	LED Lamp (No of Aspects)	2717	
6	Calling ON Signals	197	
a	LED Lamp	182	
b	Conventional Lamp	15	Balance: SRL(1), NNB(2), VBR(2), RRI(2), PDGN(1), BAP(1), PB(4) & YL(2)
7	Shunt Signals	512	Dep SH-167 & Indep-345 (Total Aspect-1369)
a	LED Lamp	146	Provided (Dep-54 & Indep-93), Total Aspect-385,
b	Conventional Lamp	366	Bulb- (Dep-228 & Indep-756, Total-984
8	Junction Route Indicator	462	Total Aspects- 2083, LED -2007, Bulb-76
a	LED Lamp	445	
b	Conventional Lamp	17	Balance: PB(4), NNB(4), DD/RRI(9)
9	Block Instruments	160	
a	Token less Block section-Push button PTJ	76	
b	Token less Block section-Handle type-Daido	46	DD-MMR Section, BGVN-JNTR & GR-BBD block section &
c	Double line block section- SGE Block	36	WD-GR -4, AKOR-MO -8, MO-WKA- 3 & DD-BGVN-3 block sections
d	UFSBI (Universal Fail Safe Block instrument)	2	GR-SULTHANPUR
10	DC Track Circuits	1934	
a	No of Glued Joint	7121	
b	No of Insulation Joint	339	
11	Axle Counter	32	
a	Analogue	31	
b	Digital Axle counter	1	HG(SSDAC)/Track section-1
12	BPAC Block section	40	DD-WD (D/L- 18 & S/L-22) (B-Route 100%)
a	No of Track Section	58	D/L- 36 & S/L-22 Eldyne SSDAC
13	Point machine	1165	
a	Siemens	238	
b	IRS	902	
c	TWS Point Machines	25	AKOR-6, TLT-8, MO-2, MKPT-6 & WKA-3
14	Interlocked Level Crossing Gates	64	Elect. Gate-54, Mech.Gate-10
a	Traffic gate (WSL)	38	Elect. Gate-36 Mech.Gate-02
b	Engg gate (OSL)	26	Elect. Gate-18, Mech.Gate-08
15	Non Interlocked Level Crossing Gates	72	
16	Integrated Power Supply	104	Amararaja-40, HBL-09, Statcon-55
a	Station	83	2 IPS at SUR & 3 IPS at WD, DD-2 IPS
b	LC gate	19	
17	No of Sliding Booms at LC Gates	37	LC-66(AKOR), LC-54(BALE), LC-61(TLT), LC-42(MA), LC-35 (VBR), LC-68(KPG), LC-45(PDGN), LC-62(KNGN),LC-74(YL), LC-40(RRI), LC-31(VL), LC-55 & 56 CIT, LC-13(BWD), LC-21(BGVN), LC-26(JNTR), LC-8(SGND), LC-17(VPR), LC-1(PB), LC- 58(PB), LC-44 (AAG), LC-46(MKPT), LC-46A(MKPT-MO), LC-28(PRW), LC-20(MLM), LC-57(SUR-TKWD), LC-3(WD), LC-82(GR-BBD), LC-4(KSTH), LC-23 & 24 (BGVN-JNTR) LC-31(PPJ-JH) LC-19(DD-BRB) & LC-31(SGLA), LC-5(LUR-LURR), LC-74(BOT-DUD) & LC-91(SDB-WD)
18	Solar Panel for IPS Battery Charging	13	In B-Route- GUR, WKA, WDS, BLNI & LC gate No. 46, 40 & 24. In D-Route- LC gate No.2 & 76 In E-Route- SEI, SGLA, KVK & LC-5
19	DG Sets	186	
a	Station (No of DG sets)	154	
b	At OSL LC gate (No of DG sets)	32	4 LC Gates having 2 DG set & remaining 24 LC gates having 1 DG set
20	No of Data logger with Networking	81	3 Data logger at GR station.
21	RTU (Remote Terminal Units)	8	LC-40, LC-46A, LC-31, LC-19, LC-2, LC-57A,, LC-72 & LC-77
22	Earth Leakage Detector	79	
23	ELD monitoring with Datalogger	26	WD, SDB, MR, GR, AKOR, TLT, HG-A, HG, TKWD, SUR, BALE, PK, MVE, MO, MKPT, AAG, WKA, KWV, MLB, PVR, SGLA, JTRD, DLGN, KVK, SGRE & ARAG

TELECOM ASSETS ON SOLAPUR DIVISION AS ON MARCH-2018

S.N	Description of Equipment	QTY	Remarks
1	Telecom Cable		
a	OFC System	966.52 Kms	DD-WD,DD-YL,PB-SNSI, MRJ-LTRR & GR-SLTP
b	4 Quad Cable 0.9 mm	337.00 Kms	DD-WD
c	6 Quad Cable 0.9 mm	042.92 Kms	DD-WD (HG-AKOR-20.33 Kms, MO-WKA-22.59 Kms)
d	6 Quad Cable 0.9 mm	226.00 Kms	DD-MMR
e	6 Quad Cable 0.9 mm	367.00 Kms	LURR –KWV-MRJ (187 +180)
f	6 Quad Cable 0.9 mm	16.70 Kms	PB-SNSI
g	6 Quad Cable 0.9 mm	11.00 Kms	GR-SLTP
	Total 6 Quad cable	663.62 Kms	
2	Control Office Equipments		
a	DTMF Head Quarter	07 Nos.	WD-SUR, SUR-DD & DD-MMR, LUR-MRJ controls, EC, TPC & TLC
b	Way Station Equipments	90 Nos.	
c	Control Telephone	96 Nos	
d	Control Voice logger equipment	01 Nos.	Telecom Test Room
e	Portable Emergency Control Telephone (PCP)	580 Nos	
3	OFC STM 1 Eqpt with power supply	78 Nos.	
4	5 Watt Walkie-Talkie Set	1117 Nos	Crew-537, Non Crew-580
5	25 Watt VHF Set	101 Nos	79 stations & 10 Nos for ART ARME & 12 Nos for others
6	Passenger Amenity Items		
a	PC based PA System	16 Nos	
b	Manual PA System	4 Nos	HG, DUD, UMD & RRI
c	Coach Guidance System	685 Nos	WD, GR, SUR, KWV, DD, ANG, BAP, KPG, SNSI, LUR,
d	Train Indication Board	86Nos	
e	POET	10Nos	WD, SDB, GR, SUR, KWV, DD, ANG, BAP, KPG & SNSI
f	Platform Drum Clock Analog	9 Nos	SDB-2, GUR, HG-2, JH, ANG, BAP & PVR
g	Tower Clocks	4 Nos	GR, SUR-2 & ANG
h	GPS based double Face clock	34 Nos	
i	GPS based single face clock	94 Nos	
j	CCTV	2 Stns	SUR & SNSI
k	PRS Token Indicator System	3 Nos	SUR, GR & ANG
l	Fare Display board for UTS/PRS	34 Nos	WD, SDB, GR, SUR, KWV, DD, ANG, BAP, KPG, SNSI, PVR & LUR
m	UTS	78 Stns	
n	PRS	24 Stns	
o	UTS cum PRS	18 Stns	
7 a)	Telephone Exchanges	7 Nos	WD, GR, SUR, KWV, DD, ANG & SNSI
7 b)	VOIP gateway Digital Exchange	58 Nos	
8	Electronic Survilenance System at Lobby	4Nos	WD, SUR, DD & PB
9	Selective Calling Gate communication system with voice logger	35 stns with 114 gates	