SIGNAL	& TELECOMMUNICATION
TRAIN COLLISION A	AVOIDANCE SYSTEM (TCAS) - KAVACH
ТАВ	LE OF CONTROL (TOC)
Zone	NC Railway
Division	Prayagraj Division, NC Railway
Section	-
Station Name	MALWAN
Station Code	MWH
Station ID	37111
REF SIP No.	SI-3067/1
REf RFID Tag Layout No.	RFID_TAG_LAYOUT_MWH_2.0.0
TOC Version	2.0.0

Station Name:	MALWAN	Division:	PRAYAGRAJ	CODE	мwн
Station ID:	37111	Section:	NC Railway		

SNo.	Entry Signal	Evit Signal	Saction Type	Line	Signal Tuno	Accord of Estay Signal	Requires Aspects of Exit	Requires Po	oints in Route	Requires Track Ckt Up in	Minimum Requires Track Ckt Up in Overlap	TINs (Track Identification	TINs requires	Che	ck RFID Sequence	Distance between	Movement Authority	y From Foot of Entry	Authorized Speed
SNU.	Entry Signal	EXIL SIGNAL	Section Type	Lille	Signal Type	Aspect of Entry Signal	Signal	Normal	Reverse	Route	(Only For Auto Section)	Number) Requires Free	Free in Overlap (Only For Starter)	Entry Signal Foot Tag	(Linking Distance, En-Route Tag)	Entry & Exit Signal [m]	Signal (in Sectio	ns & in Meters)	(kmph) in OS
						GREEN	GREEN										4	4351	
							DOUBLE YELLOW]									3	3587	
							GREEN	ļ									4	4351	
						DOUBLE YELLOW	DOUBLE YELLOW			A519AT,A519BT,A519T	A521T						3	3587	MPS
1	A519	A521	AUTO BLOCK	UP MAIN LINE	FULLY AUTOMATIC SIGNAL		YELLOW GREEN	-	=			-	-	R-947	(0,R-947),(944,R-986),(200,R- 948)	1144	4	2351 4351	
							DOUBLE YELLOW										3	3587	
						YELLOW	YELLOW										2	2351	
							RED	1									1	1144	
						RED	-]		-	-						-	=	OVERRIDE SPEED MAX 15 KMPH
							GREEN										4	3554	
						GREEN	DOUBLE YELLOW										3	3207	
							GREEN										4	3554	
						DOUBLE YELLOW	DOUBLE YELLOW										3	3207	
						BOODLE TEEEOW	YELLOW WITH ROUTE INDICATOR R4										2	2443	
	4504		AUTO DI OCU				YELLOW			A521AT,A521BT,A521T,C1T	1T				(0,R-948),(1008,R-987),(200,R-	4200		2443	MPS
2	A521	1	AUTO BLOCK	UP MAIN LINE	FULLY AUTOMATIC SIGNAL		GREEN	-	-			-	-	R-948	949)	1208	4	3554	
							DOUBLE YELLOW YELLOW WITH ROUTE										3	3207	
						YELLOW	INDICATOR R4	ļ									2	2443	
							YELLOW	ļ									_	2443	
							RED					<u> </u>					1	1208	OVERRIDE SPEED MAX
						RED	-			-	-						-	=	15 KMPH
3	C1	13	STATION SECTION	UP MAIN LINE	CALLING ON	MINIATURE	C1 BLANK/RED	201	-	C1T(OCCUPIED)	-	-	-	R-949	(0,R-949),(491,R-950),(544,R- 988),(200,R-952)	1235	1	1235	15
4	C1	11	STATION SECTION	UP MAIN LINE to UP LOOP LINE	CALLING ON	MINIATURE	C1 BLANK/RED	294	201	C1T(OCCUPIED)	-	-	-	R-949	(0,R-949),(491,R-943),(527,R- 983),(83,R-942),(117,R-944)	1218	1	1218	15
						GREEN	GREEN										4	3615	
						GREEN	DOUBLE YELLOW										3	2346	
							GREEN										4	3615	
						DOUBLE YELLOW	DOUBLE YELLOW	201		03AT,03BT,03CT,1T		N 245 N 222	N 220				2	2346	MPS
5	1	13	STATION SECTION	UP MAIN LINE	HOME SIGNAL WITHOUT ROUTE INDICATOR		YELLOW GREEN	201	=	03A1,03B1,03C1,11	-	N-215,N-222	N-229	R-949	(0,R-949),(491,R-950),(544,R- 988),(200,R-952)	1235	4	3615	MIPS
							DOUBLE YELLOW								,		3	2346	
						YELLOW	YELLOW										2	2000	
							RED										1	1235	
						RED	-	-		-		-	=				=	Ē	OVERRIDE SPEED MAX 15 KMPH
			_			YELLOW (ROUTE POSITION INDICATOR R4)	Y/YU/R	294	201	04AT,04BT,04CT,1T,297XT1		N-215,N-219,N-225	N-227				1	1218	30
6	1	11	STATION SECTION	UP MAIN LINE to UP LOOP LINE	HOME SIGNAL WITH ROUTE INDICATOR	RED	-	-	-	-	-	-	-	R-949	(0,R-949),(491,R-943),(527,R- 983),(83,R-942),(117,R-944)	1218	-	=	OVERRIDE SPEED MAX 15 KMPH
						GREEN	GREEN										4	3565	TO MAIL U
						GREEN	DOUBLE YELLOW										3	2379	
							GREEN										4	3565	
						DOUBLE YELLOW	DOUBLE YELLOW	207 200		4247.427		N 220 N 222	N 224				3	2379	. AADS
7	13	17	STATION SECTION	UP MAIN LINE	UP MAIN LINE START		YELLOW GREEN	297,298	-	13AT,13T	-	N-229,N-232	N-234	R-952	(0,R-952),(178,R-953),(386,R- 989),(200,R-954)	764	4	3565	MPS
							DOUBLE YELLOW								,,,,,,		3	2379	
						YELLOW	YELLOW										2	1111	
							RED										1	764	
						RED	-	-		-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
	I	l	1		I		I .	l .		I	L	L							

MALWAN(MWH), PR	RAYAGRAJ DIVISION, N	CRAILWAY			Remarks		SIP: D-3067/1	REF: SIG.PLAN.N	o.		MALWAN(MWH) SIGNAL & TELECOMMUNICATION KAVACH Indian Railway ATP PRAYAGRAJ DIVISION, NC RAILWAY TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0 N.C.R RLY.DRG.NO: KAVACH D-3067/1 SHEET S			
REF : SIP : SSP.NCF	R.PRYJ.MWH2.0.0			REVISION	I HISTORY IS AVAILABLE OI	N PAGE-12				SIGNAL & TELECOMMUNICATION KAVACH Indian Railway ATP PRAYAGRAJ DIVISION, NC RAILWAY TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0 N.C.R RLY.DRG.NO: KAVACH SHEET S				
				_				REVISION		SIGNA	L & TELECOMMUNIC	CATION		
REF: RFID_TAG_LA	YOUT_MWH_2.0.0			-				DRAWING		KAN	/ACH Indian Railway	АТР		
TABLE OF CONTRO	DL: 37111_MWH_TOC_V	er2_0_0						DY.CSTE/D&D/PRYJ		PRAYAG	GRAJ DIVISION, NC F	RAILWAY		
	PREPARED BY	CHECKED BY	VERIFIED BY											
				-				SSTE/D&D/PRYJ	С Н	H				
SIGN				DY.CSTE/P-1/PRYJ	SSTE/Pr/PRYJ	SSE/SIG/PRYJ		ASTE/D&D/PRYJ	E C K E					
NAME									D	N.C.R RLY.DRG.NO:		SHEET	SHEETS	
DESIGNATION				NOTE:								1	5	

Station Name:	MALWAN	Division:	PRAYAGRAJ	CODE	мwн
Station ID:	37111	Section:	NC Railway		

			STATION	UP LOOP LINE to UP		YELLOW (ROUTE POSITION INDICATOR R3)	G/YY/Y/R	298	297	13AT,13T		N-227,N-229,N-232	N-234		(0,R-944),(196,R-953),(386,R-		1	781	30
8	11	17	SECTION	MAIN LINE	UP LOOP LINE STARTER	RED	-	-	-	-	=	-	-	R-944	989),(200,R-954),(957930,R- 980)	781	-	-	OVERRIDE SPEED MAX 15 KMPH
						YELLOW	YELLOW	297		11AT,11T		N-227,N-231	N-233				2	1128	30
9	11	15	STATION SECTION	UP LOOP LINE	UP LOOP LINE STARTER	TELLOW	RED	23,	_	1101,111	-	N 227,N 231	14 255	R-944	(0,R-944),(89,R-945),(492,R- 984),(200,R-946)	782	1	782	30
						RED	-	-		-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
						GREEN	GREEN										4	-	
						- CHEEN	DOUBLE YELLOW										3	2801	_
							GREEN										4	-	_ '
						DOUBLE YELLOW	DOUBLE YELLOW YELLOW	299		17T		N-234,N-235	N-214				2	2801 1615	MPS
10	17	19	STATION SECTION	UP MAIN LINE	INTERMEDIATE STARTER		GREEN	233	-	171	-	N 234,N 233	14 214	R-954	(0,R-954),(137,R-955),(10,R- 990),(200,R-956)	347	4	-	-
							DOUBLE YELLOW										3	2801	-
						YELLOW	YELLOW										2	1615	
							RED* (AUTO)										1	347	
						RED	-	-		-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
-11	45	10	STATION	UP LOOP LINE to UP	EXTENDED UP LOOP	YELLOW	G/YY/Y		299	17T		N-233,N-234,N-235	N-214	D 046	(0,R-946),(137,R-955),(10,R-	247	1	347	30
11	15	19	SECTION	MAIN LINE	INTERMEDIATE STARTER	RED	-	=	-	-	=	-	-	R-946	990),(200,R-956),(959146,R- 982)	347	-	-	OVERRIDE SPEED MAX 15 KMPH
							GREEN										4	-	1
						GREEN	DOUBLE YELLOW										3	-	
							GREEN										4	-	_ '
						DOUBLE YELLOW	DOUBLE YELLOW										3	-	_ '
12	19	A517	AUTO BLOCK	UP MAIN LINE	UP MAIN LINE ADVANCE STARTER		YELLOW GREEN	-	-	19AT,19BT,19T	-	N-214	-	R-956	(0,R-956),(150,R-1008),(150,R- 1009),(768,R-991),(200,R-957)	1268	4	2454	MPS
					STARTER		DOUBLE YELLOW								1009],(768,8-991),(200,8-957)		3	-	-
						YELLOW	YELLOW										2	2454	-
							RED										1	1268	
						RED	-			-		-					-	-	OVERRIDE SPEED MAX 15 KMPH
							GREEN										4	-	
						GREEN	DOUBLE YELLOW										3	-	7
							GREEN										4	-	
						DOUBLE YELLOW	DOUBLE YELLOW										3	-	_ '
13	A517	A519(FOG)	AUTO BLOCK	UP MAIN LINE	FULLY AUTOMATIC SIGNAL		YELLOW GREEN	-	-	A517AT,A517BT,A517T	None	-	-	R-957	(0,R-957),(986,R-992),(200,R- 958)	1186	4	-	MPS
							DOUBLE YELLOW								330)		3	-	-
						YELLOW	YELLOW										2	-	-
							RED										1	1186	7
						RED	-			-	-						-	-	OVERRIDE SPEED MAX 15 KMPH
						GDEEN	GREEN										4	4924	
						GREEN	DOUBLE YELLOW										3	3680	_
							GREEN										4	4924	_
						DOUBLE YELLOW	DOUBLE YELLOW YELLOW			A506AT(KSQ),A506BT(KSQ),	A504T						2	3680 2503	MPS
14	A506	A504	AUTO BLOCK	DOWN MAIN LINE	MODIFIED SEMI-AUTOMATIC SIGNAL		GREEN	-	-	A506T(KSQ)	A3041	-	-	R-970	(0,R-970),(1078,R-1000),(200,R- 969)	1278	4	4924	IVIFS
							DOUBLE YELLOW										3	3680	-
						YELLOW	YELLOW										2	2503	
							RED										1	1278	
						RED	-			-	-						-	-	OVERRIDE SPEED MAX 15 KMPH
						CDEEN	GREEN										4	3899	
						GREEN	DOUBLE YELLOW										3	3646	
							GREEN										4	3899	_
						DOUBLE YELLOW	DOUBLE YELLOW			AFOAAT 152157 1-1-1	4500-						3	3646	_
15	A504	A502	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL		YELLOW GREEN	-	-	A504AT,A504BT,A504T	A502T	-	-	R-969	(0,R-969),(1024,R-999),(200,R- 968)	1224	4	2402 3899	MPS
	I	1	İ	I	1	I	GILLIN		1	1		1		1	, , , , ,		1 "	3033	1 '

MALWAN(MWH), PR	AYAGRAJ DIVISION, N	C RAILWAY			Remarks		SIP: D-3067/1	REF: SIG.PLAN.No	5 .	MALWAN(MWH) SIGNAL & TELECOMMUNICATION KAVACH Indian Railway ATP PRAYAGRAJ DIVISION, NC RAILWAY TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0			
REF : SIP : SSP.NCR	R.PRYJ.MWH2.0.0			REVISION	HISTORY IS AVAILABLE OF	N PAGE-12				SIGNAL & TELECOMMUNICATION KAVACH Indian Railway ATP PRAYAGRAJ DIVISION, NC RAILWAY TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0 N.C.R RLY.DRG.NO: D-3067/1 SHEET SH			
								REVISION		SIGNA	L & TELECOMMUNIC	CATION	
REF: RFID_TAG_LAY	YOUT_MWH_2.0.0							DRAWING		KAN	ACH Indian Railway	АТР	
TABLE OF CONTROL	L: 37111_MWH_TOC_V	er2_0_0						DY.CSTE/D&D/PRYJ		PRAYAC	GRAJ DIVISION, NC F	RAILWAY	
	PREPARED BY	CHECKED BY	VERIFIED BY										
								SSTE/D&D/PRYJ	С Н	TABLE OF CONTROL.RAVACII_TOC_WWII_4.0.			
SIGN				DY.CSTE/P-1/PRYJ	SSTE/Pr/PRYJ	SSE/SIG/PRYJ		ASTE/D&D/PRYJ	E C K E				
NAME									D	N.C.R RLY.DRG.NO:		SHEET	SHEETS
DESIGNATION				NOTE:								2	5

Station Name:	MALWAN	Division:	PRAYAGRAJ	CODE	MWH
Station ID:	37111	Section:	NC Railway		

2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)																				
1	ı .	i	ı	1	1	ı	ı		1	ı	I	ı	1 1		ı	1				٦ ،
***							YELLOW	DOUBLE YELLOW										3	3646	_
1 日								YELLOW]									2	2402	
Part								RED										1	1224	
1							RED	-			-	-						-	-	OVERRIDE SPEED MAX
** Part of the control of the contro								GREEN		1								4	3886	13 KWI 11
***							GREEN		-											-
** Part of the control of the contro									-											-
** Problem supplies for the color of the col									-											-
*** Parameters***********************************							DOUBLE YELLOW		-									3	26/5	-
** Part																		2	2421	
# 1								YELLOW				20T				(0.0.050) (070.0.000) (000.0.0			2421	MPS
+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16	A502	20	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL		GREEN	1 -	-			-	-	R-968		1178	4	3886	1
1								DOUBLE YELLOW	1									3	2675	1
*** Parameters***********************************							YFLLOW		1										2421	1
1									-									2		-
1																				4
1 日 1								RED	-									1	1178	
							RED	-			-	-						-	-	
+ 1 - 1 - 1 - 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4								GREEN										4	3719	
							GREEN	DOUBLE YELLOW	1									3	2708]
								GREEN	1									4	3719	1
*** Parameters** *** ******************************							DOUBLE YELLOW	DOUBLE YELLOW	1									3	2708	1
*** *** ******************************								YELLOW	296,298		02AT,02BT,02CT,20T		N-220,N-228,N-230	N-217				2	1497	MPS
	17	20	4		DOWN MAIN LINE			GREEN	1	-		-			R-967	(0,R-967),(332,R-966),(143,R- 965),(568,R-997),(200,R-964)	1243	4	3719	
								DOUBLE YELLOW										3	2708	1
1							YELLOW	YELLOW	1									2	1497	1
Tolicy T								RED	1									1	1243	1
March Marc							DED			†										OVERRIDE SPEED MAX
Part								-	-		-			-				-	-	15 KMPH
1				STATION	DOWN MAIN LINE to DN	DOWN HOME SIGNAL WITH		Y/R	295,298	296	01AT,01BT,01CT,20T			N-218				1	1244	30
1	18	20	6				RED	-	-	-	-	-	-	-	R-967		1244	-	-	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				STATION						-						(0 D 067) (222 D 066) (442 D				15 KMPH
1	19	C20	4		DOWN MAIN LINE	CALLING ON	MINIATURE	4 BLANK/RED	296,298	-	C20T(OCCUPIED)	-	-	-	R-967		1243	1	1243	15
1	20	C20	6			CALLING ON	MINIATURE	6 BLANK/RED	295 298	296	C20T(OCCUPIED)	_			R-967	(0,R-967),(332,R-966),(167,R-	1244	1	1244	15
2 A PROPRED TO THE DOT T	20	C20	Ů	SECTION	LOOP LINE	CALLING ON	WINNE	O BEANING NEW	233,230	250	CZOT(OCCOTIED)				11 307	972),(261,R-1001),(200,R-971)	1244	1	1244	15
$ + 4 \\ + 4 \\ + 6$							GREEN	GREEN										4	3443	
# 1 PART OF LAND MANAGEMENT OF L							GREEN	DOUBLE YELLOW]									3	2477	
1								GREEN										4	3443	
21 4 2 STION ON MAIN INE STATER 100 ME MAIN INE ADMINIST ATE 100 ME MAIN IN ADMINISTRA							DOUBLE YELLOW	DOUBLE YELLOW	1									3	2477	1
A								YELLOW	202		4T		N-216,N-217	N-211				2	1466	MPS
Part	21	4	2		DOWN MAIN LINE	DOWN MAIN LINE STARTER		GREEN	1	-		-			R-964		255	4	3443	1
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $								DOUBLE YELLOW										3	2477	1
RED RED							YELLOW	YELLOW	1									2	1466	1
RED RED									-											-
YELLOW G/Y/Y 202 4T N-216,N-217,N-218 N-211 R-971 (0,R-971),(132,R-963),(121,R-978) 253 3 1 253 3 0 0 0 0 0 0 0 0							255			1										OVERRIDE SPEED MAX
22 6 2 STATION SECTION SECTION SECTION SECTION SECTION DOWN LOOP LINE STARTER RED							KED	-	_		-		-	-				-	-	
22 b 2 SECTION MAIN LINE DUWN LOUP LINE STATER RED	22	-		STATION	DN LOOP LINE to DOWN	DOWN LOSS	YELLOW	G/YY/Y		202	4T		N-216,N-217,N-218	N-211		(0,R-971),(132,R-963),(121.R-	252	1	253	30
Part	22	6	2			DOWN LOOP LINE STARTER	RED	-	1 -	-	-	-	-	-	R-971		253	-	-	OVERRIDE SPEED MAX
Part				-		1				1	+									TO KININ
23 2 A510 AUTO BLOCK DOWN MAIN LINE DOWN MAIN LINE ADVANCE STARTER GREEN 4							GREEN		-											-
23 PASIO AUTO BLOCK DOWN MAIN LINE DOWN MAIN LINE ADVANCE STARTER DOUBLE YELLOW DOUBLE YELLOW									-											-
23 2 A510 AUTO BLOCK DOWN MAIN LINE OWN MAIN LINE STARTER STAR							DOUBLE VELLOW		-											-
23 2 A510 AUTO BLOCK DOWN MAIN LINE DOWN MAIN LINE STARTER GREEN YELLOW YELOW YELLOW YELLO							DOORTE AFTFOM		-		2-7-227									-
STARTER GREEN 1011),(711,R-995),(200,R-961) 4 -	23	2	A510	AUTO BLOCK	DOWN MAIN LINE				-	-	ZA1,2B1,2T	-	N-211	=	R-962		1211			MPS
YELLOW YELLOW 2 2222						STARTER			-							1011),(/11,R-995),(200,R-961)				-
							YELLOW		-											4
RED 1 1211									-											-
					I	I		RED	J			J						1	1211	

MALWAN(MWH), PR					Remarks		SIP: D-3067/1	REF: SIG.PLAN.N	o.		MALWAN(MWH)		
REF : SIP : SSP.NCF	R.PRYJ.MWH2.0.0			REVISION	HISTORY IS AVAILABLE O	N PAGE-12							
								REVISION		SIGNA	L & TELECOMMUNIC	CATION	
REF: RFID_TAG_LA	YOUT_MWH_2.0.0			-				DRAWING		KAVACH Indian Railway ATP PRAYAGRAJ DIVISION, NC RAILWAY TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0			
TABLE OF CONTRO	DL: 37111_MWH_TOC_V	er2_0_0						DY.CSTE/D&D/PRYJ		PRAYAGRAJ DIVISION, NC RAILWAY			
	PREPARED BY	CHECKED BY	VERIFIED BY										
								SSTE/D&D/PRYJ	С	TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0			
								SOIL/BAB/I KIO	н	TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0			
SIGN				DY.CSTE/P-1/PRYJ	SSTE/Pr/PRYJ	SSE/SIG/PRYJ			E C				
								ASTE/D&D/PRYJ	к				
									E D		KAVACH		
NAME										N.C.R RLY.DRG.NO:	D-3067/1	SHEET	SHEETS
				1								3	5
DESIGNATION				NOTE:									

	Station Name:			MALWA	.N	Division	:		PRAYAGE	RAJ	COI	DE				MWH		
	Station ID:			37111		Section:			NC Railw	ray		DC.				IVIVVII		
								_				_						
						RED	-			-	-					-	-	OVERRIDE SPEED MAX 15 KMPH
						GREEN	GREEN									4	-	
						GREEN	DOUBLE YELLOW									3	-]
							GREEN									4	-	
						DOUBLE YELLOW	DOUBLE YELLOW									3	-]
							YELLOW			A510AT,A510BT,A510T	A508T			(0,R-961),(811,R-994),(200,R-		2	1977	MPS
24	A510	A508	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL		GREEN	-	-		-	=	R-961	960)	1011	4	-]
						YELLOW	DOUBLE YELLOW									3	-]
							VELLOW					1				,	1977	

1011

OVERRIDE SPEED MAX 15 KMPH

Last Stop Sign for entering in Block Section	to Approaching	Block Section TIN	Movement UP/Down	Adjacent Line TINs	Next Station ID	Next Station Border RFID with Location	Start Distance to Absolute Location Reset [m]	Absolute Location Correction [m]	Loco Direction after Adjustment
19	1268	N-235	UP	-	37110	-	-	-	-
2	1211	N-216	DOWN	=	37112	=	=	=	=

S.NO.	Fatan Gianal	Fuit Cional				l.															Turnout Speed		Permament Speed Restriction	Gradient			LC Gate					Track Condition		
	Entry Signal	Exit Signal	Line	Speed Value (kmph)	Start Distance (m)	Length (m)	Static Speed Type, Speed Value (kmph) , Length(m)	Engineering Gradient	Average Gradient Value	Length (m)	LC distance (m)	LC ID	LC Manning Type	LC Class	LC Auto Whistling	Track Condition Type	Start Distance (m)	Length (m)																
1	A519 (955142)	A521 (956286)	UP MAIN LINE	-	-	-	(U, 130, 1144)	R 1 IN 3608, 1144	R 1 IN 3608	1144	-	-	-	-	-	-	-	-																
2	A521 (956286)	1 (957493)	UP MAIN LINE	-	-	-	(U, 130, 1208)	R 1 IN 3608, 1208	R 1 IN 3608	1208	-	=	-	-	-	=	-	-																
3	C1 (957493)	13 (958729)	UP MAIN LINE	15	-	1265	(U, 15, 1235)	R 1 IN 3608, 1235	R 1 IN 3608	1235	-	-	-	-	-	-	-	-																
4	C1 (957493)	11 (958711)	UP MAIN LINE to UP LOOP LINE	15	-	1248	(U, 15, 1218)	R 1 IN 3608, 1218	R 1 IN 3608	1218	-	-	-	-	-	-	-	-																
5	1 (957493)	13 (958729)	UP MAIN LINE	30	-	1265	(U, 30, 1235)	R 1 IN 3608, 1235	R 1 IN 3608	1235	-	-	-	-	-	-	-	-																
6	1 (957493)	11 (958711)	UP MAIN LINE to UP LOOP LINE	30	383	1248	(U, 30, 1218)	R 1 IN 3608, 1218	R 1 IN 3608	1218	-	-	-	-	-	-	-	-																
7	13 (958729)	17 (959493)	UP MAIN LINE	-	-	-	(U, 130, 764)	R 1 IN 3608, 764	R 1 IN 3608	764	-	-	-	-	-	-	-	-																
8	11 (958711)	17 (959493)	UP LOOP LINE to UP MAIN LINE	30	-	811	(U, 30, 781)	R 1 IN 3608, 781	R 1 IN 3608	781	-	-	-	-	-	-	-	-																
9	11 (958711)	15 (959493)	UP LOOP LINE	30	-	812	(U, 30, 782)	R 1 IN 3608, 782	R 1 IN 3608	782	-	-	-	-	-	-	-	-																
10	17 (959493)	19 (959840)	UP MAIN LINE	-	-	-	(U, 130, 347)	R 1 IN 3608, 347	R 1 IN 3608	347	-	-	-	-	-	-	-	-																
11	15 (959493)	19 (959840)	UP LOOP LINE to UP MAIN LINE	30	-	377	(U, 30, 347)	R 1 IN 3608, 347	R 1 IN 3608	347	-	-	-	-	-	-	-	-																
12	19 (959840)	A517 (961108)	UP MAIN LINE	-	-	-	(U, 130, 1268)	R 1 IN 3608, 1268	R 1 IN 3608	1268	-	-	-	-	-	=	-	-																
13	A517 (961108)	A519(FOG) (962294)	UP MAIN LINE	-	-	-	(U, 130, 1186)	R 1 IN 3608, 1186	R 1 IN 3608	1186	-	-	-	-	-	-	-	=																
14	A506 (962896)	A504 (961618)	DOWN MAIN LINE	-	-	-	(U, 130, 1278)	F 1 IN 3608, 1278	F 1 IN 3608	1278	-	=	-	-	-	-	-	-																

MALWAN(MWH), PF	RAYAGRAJ DIVISION, N	C RAILWAY		Remarks			SIP: D-3067/1	REF: SIG.PLAN.N	o.	MALWAN(MWH)				
REF : SIP : SSP.NCI	R.PRYJ.MWH2.0.0			REVISION	HISTORY IS AVAILABLE OF									
							REVISION		SIGNAL & TELECOMMUNICATION					
REF: RFID_TAG_LA	AYOUT_MWH_2.0.0							DRAWING		KAVACH Indian Railway ATP				
TABLE OF CONTRO	DL: 37111_MWH_TOC_V	er2_0_0						DY.CSTE/D&D/PRYJ		PRAYA	GRAJ DIVISION, NC F	RAILWAY		
	PREPARED BY	CHECKED BY	VERIFIED BY						_					
								SSTE/D&D/PRYJ	С Н	TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0				
SIGN				DY.CSTE/P-1/PRYJ	SSTE/Pr/PRYJ	SSE/SIG/PRYJ		ASTE/D&D/PRYJ	E C K E					
NAME								D	N.C.R RLY.DRG.NO:	KAVACH D-3067/1	SHEET	SHEETS		
											D-306//1			
DESIGNATION				NOTE:								4	5	

	Station Name:		MALWAN			Division	:		PRAYAGRAJ		CODE		MWH				
	Station ID:			37111		Section	:	NC Railway					MWII				
15	A504 (961618)	A502 (960394)	DOWN MAIN LINE	-	-	-	(U, 130, 1224)	F 1 IN 3608, 1224	F 1 IN 3608 1224	-		-	-		-		
16	A502 (960394)	20 (959216)	DOWN MAIN LINE	-	-	-	(U, 130, 1178)	F 1 IN 3608, 1178	F 1 IN 3608 1178	-		-	-		-		
17	20 (959216)	4 (957974)	DOWN MAIN LINE	30	-	1273	(U, 30, 1243)	F 1 IN 3608, 1243	F 1 IN 3608 1243	-		-	-		-		
18	20 (959216)	6 (957972)	DOWN MAIN LINE to DN LOOP LINE	30	400	1274	(U, 30, 1244)	F 1 IN 3608, 1244	F 1 IN 3608 1244	-	-	-	-	-	-		
19	C20 (959216)	4 (957974)	DOWN MAIN LINE	15	-	1273	(U, 15, 1243)	F 1 IN 3608, 1243	F 1 IN 3608 1243	-		-	-		-		
20	C20 (959216)	6 (957972)	DOWN MAIN LINE to DN LOOP LINE	15	-	1274	(U, 15, 1244)	F 1 IN 3608, 1244	F 1 IN 3608 1244	-	-	-	-	-	-		
21	4 (957974)	2 (957719)	DOWN MAIN LINE	-	-	-	(U, 130, 255)	F 1 IN 3608, 255	F 1 IN 3608 255	-		-	-		-		
22	6 (957972)	2 (957719)	DN LOOP LINE to DOWN MAIN LINE	30	-	283	(U, 30, 253)	F 1 IN 3608, 253	F 1 IN 3608 253	-		-	-		-		
23	2 (957719)	A510 (956508)	DOWN MAIN LINE	-	-	-	(U, 130, 1211)	F 1 IN 3608, 1211	F 1 IN 3608 1211	-		-	-		-		
24	A510 (956508)	A508 (955497)	DOWN MAIN LINE	-	-	-	(U, 130, 1011)	F 1 IN 3608, 1011	F 1 IN 3608 1011	-	-	-	-		-		

MALWAN(MWH), PR	RAYAGRAJ DIVISION, N	C RAILWAY		REVISION	Remarks HISTORY IS AVAILABLE O	SIP: D-3067/1	REF: SIG.PLAN.N	lo.	MALWAN(MWH)					
REF : SIP : SSP.NCF	R.PRYJ.MWH2.0.0			-			REVISION SIGNAL & TELECOMMUNICATION			CATION				
REF: RFID_TAG_LA	YOUT_MWH_2.0.0			-			DRAWING KAVACH Indian Ra					iilway ATP		
TABLE OF CONTRO	DL: 37111_MWH_TOC_V	er2_0_0						DY.CSTE/D&D/PRYJ		PRAYAG	GRAJ DIVISION, NC F	RAILWAY		
	PREPARED BY	CHECKED BY	VERIFIED BY											
				-				SSTE/D&D/PRYJ	н				/H_4.0.0	
SIGN				DY.CSTE/P-1/PRYJ	SSTE/Pr/PRYJ	SSE/SIG/PRYJ		ASTE/D&D/PRYJ	E C K E					
NAME								D	N.C.R RLY.DRG.NO:	D-3067/1	SHEET	SHEETS		
DESIGNATION				NOTE:								5	5	