

SIGNAL & TELECOMMUNICATION	
TRAIN COLLISION AVOIDANCE SYSTEM (TCAS) - KAVACH	
TABLE 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

TABLE OF CONTROL

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

SNo.	Entry Signal	Exit Signal	Section Type	Line	Signal Type	Aspect of Entry Signal	Requires Aspects of Exit Signal	Requires Points in Route		Requires Track Ckt Up in Route	Minimum Requires Track Ckt Up in Overlap (Only For Auto Section)	TINs (Track Identification Number) Requires Free	TINs requires Free in Overlap (Only For Starter)	Check RFID Sequence		Distance between Entry & Exit Signal [m]	Movement Authority From Foot of Entry Signal (in Sections & in Meters)		Authorized Speed (kmph) in OS
								Normal	Reverse					Entry Signal Foot Tag	(Linking Distance, En-Route Tag)				
1	A519	A521	AUTO BLOCK	UP MAIN LINE	FULLY AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A519AT,A519BT,A519T	A521T	-	-	R-947	(0,R-947),(944,R-986),(200,R-948)	1144	4	4351	MPS
							DOUBLE YELLOW										3	3587	
						DOUBLE YELLOW	GREEN										4	4351	
							DOUBLE YELLOW										3	3587	
							YELLOW										2	2351	
						YELLOW	GREEN										4	4351	
							DOUBLE YELLOW										3	3587	
							YELLOW										2	2351	
							RED										1	1144	
						RED	-			-	-						-	-	OVERRIDE SPEED MAX 15 KMPH
						GREEN	GREEN			A521AT,A521BT,A521T,C1T	1T	-	-	R-948	(0,R-948),(1008,R-987),(200,R-949)	1208	4	3554	MPS
							DOUBLE YELLOW										3	3207	
						DOUBLE YELLOW	GREEN										4	3554	
							DOUBLE YELLOW										3	3207	
							YELLOW WITH ROUTE INDICATOR R4										2	2443	
							YELLOW											2443	
						YELLOW	GREEN										4	3554	
							DOUBLE YELLOW										3	3207	
							YELLOW WITH ROUTE INDICATOR R4										2	2443	
							YELLOW											2443	
							RED										1	1208	
						RED	-			-	-						-	-	OVERRIDE SPEED MAX 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
5	1	13	STATION SECTION	UP MAIN LINE	HOME SIGNAL WITHOUT ROUTE INDICATOR	GREEN	GREEN	201	-	03AT,03BT,03CT,1T	-	N-215,N-222	N-229	R-949	(0,R-949),(491,R-950),(544,R-988),(200,R-952)	1235	4	3615	MPS
							DOUBLE YELLOW										3	2346	
						DOUBLE YELLOW	GREEN										4	3615	
							DOUBLE YELLOW										3	2346	
							YELLOW										2	2000	
						YELLOW	GREEN										4	3615	
							DOUBLE YELLOW										3	2346	
							YELLOW										2	2000	
							RED										1	1235	
						RED	-	-		-	-	-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
6	1	11	STATION SECTION	UP MAIN LINE to UP LOOP LINE	HOME SIGNAL WITH ROUTE INDICATOR	YELLOW (ROUTE POSITION INDICATOR R4)	Y/YU/R	294	201	04AT,04BT,04CT,1T,297XT1	-	N-215,N-219,N-225	N-227	R-949	(0,R-949),(491,R-943),(527,R-983),(83,R-942),(117,R-944)	1218	1	1218	30
						RED	-	-	-	-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
7	13	17	STATION SECTION	UP MAIN LINE	UP MAIN LINE START	GREEN	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	
						DOUBLE YELLOW	GREEN										4	3565	
							DOUBLE YELLOW										3	2379	
							YELLOW										2	1111	
						YELLOW	GREEN										4	3565	
							DOUBLE YELLOW										3	2379	
							YELLOW										2	1111	
							RED										1	764	
						RED	-	-		-	-	-	-				-	-	OVERRIDE SPEED MAX 15 KMPH

MALWAN(MWH), PRAYAGRAJ DIVISION, NC RAILWAY					Remarks			SIP: D-3067/1	REF: SIG.PLAN.No.	MALWAN(MWH)					
REF : SIP : SSP.NCR.PRYJ.MWH2.0.0					REVISION HISTORY IS AVAILABLE ON PAGE-12				REVISION	SIGNAL & TELECOMMUNICATION					
REF: RFID_TAG_LAYOUT_MWH_2.0.0									DRAWING	KAVACH Indian Railway ATP					
TABLE OF CONTROL: 37111_MWH_TOC_Ver2_0_0									DY.CSTE/D&D/PRYJ	C H E C K E D	PRAYAGRAJ DIVISION, NC RAILWAY				
	PREPARED BY	CHECKED BY	VERIFIED BY		DY.CSTE/P-1/PRYJ	SSTE/P-1/PRYJ	SSE/SIG/PRYJ		SSTE/D&D/PRYJ		TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0				
SIGN									ASTE/D&D/PRYJ			N.C.R RLY.DRG.NO:	KAVACH D-3067/1		
NAME														SHEET	SHEETS
DESIGNATION														1	5
					NOTE:										

TABLE OF CONTROL

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

8	11	17	STATION SECTION	UP LOOP LINE to UP MAIN LINE	UP LOOP LINE STARTER	YELLOW (ROUTE POSITION INDICATOR R3)	G / Y Y / R	298	297	13AT,13T	-	N-227,N-229,N-232	N-234	R-944	(0,R-944),(196,R-953),(386,R-989),(200,R-954),(957930,R-980)	781	1	781	30
						RED	-	-	-	-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
9	11	15	STATION SECTION	UP LOOP LINE	UP LOOP LINE STARTER	YELLOW	YELLOW	297	-	11AT,11T	-	N-227,N-231	N-233	R-944	(0,R-944),(89,R-945),(492,R-984),(200,R-946)	782	2	1128	30
						RED	-			-		-	-				1	782	OVERRIDE SPEED MAX 15 KMPH
10	17	19	STATION SECTION	UP MAIN LINE	INTERMEDIATE STARTER	GREEN	GREEN	299	-	17T	-	N-234,N-235	N-214	R-954	(0,R-954),(137,R-955),(10,R-990),(200,R-956)	347	4	-	MPS
							DOUBLE YELLOW										3	2801	
						DOUBLE YELLOW	GREEN										4	-	
							DOUBLE YELLOW										3	2801	
						YELLOW	YELLOW										2	1615	
							GREEN										4	-	
							DOUBLE YELLOW										3	2801	
							YELLOW										2	1615	
							RED* (AUTO)										1	347	
						RED	-	-		-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
11	15	19	STATION SECTION	UP LOOP LINE to UP MAIN LINE	EXTENDED UP LOOP INTERMEDIATE STARTER	YELLOW	G / Y Y / Y	-	299	17T	-	N-233,N-234,N-235	N-214	R-946	(0,R-946),(137,R-955),(10,R-990),(200,R-956),(959146,R-982)	347	1	347	30
						RED	-		-	-		-	-				-	-	OVERRIDE SPEED MAX 15 KMPH
12	19	A517	AUTO BLOCK	UP MAIN LINE	UP MAIN LINE ADVANCE STARTER	GREEN	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	-	MPS
							DOUBLE YELLOW										3	-	
						DOUBLE YELLOW	GREEN										4	-	
							DOUBLE YELLOW										3	-	
							YELLOW										2	2454	
							GREEN										4	-	
						YELLOW	DOUBLE YELLOW										3	-	
							YELLOW										2	2454	
							RED										1	1268	
						RED	-			-							-	-	OVERRIDE SPEED MAX 15 KMPH
13	A517	A519(FOG)	AUTO BLOCK	UP MAIN LINE	FULLY AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A517AT,A517BT,A517T	None	-	-	R-957	(0,R-957),(198,R-992),(200,R-958)	1186	4	-	MPS
							DOUBLE YELLOW										3	-	
						DOUBLE YELLOW	GREEN										4	-	
							DOUBLE YELLOW										3	-	
							YELLOW										2	-	
							GREEN										4	-	
						YELLOW	DOUBLE YELLOW										3	-	
							YELLOW										2	-	
							RED										1	1186	
						RED	-			-							-	-	OVERRIDE SPEED MAX 15 KMPH
14	A506	A504	AUTO BLOCK	DOWN MAIN LINE	MODIFIED SEMI-AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A506AT(KSQ),A506BT(KSQ),A506T(KSQ)	A504T	-	-	R-970	(0,R-970),(1078,R-1000),(200,R-969)	1278	4	4924	MPS
							DOUBLE YELLOW										3	3680	
						DOUBLE YELLOW	GREEN										4	4924	
							DOUBLE YELLOW										3	3680	
							YELLOW										2	2503	
						YELLOW	GREEN										4	4924	
							DOUBLE YELLOW										3	3680	
							YELLOW										2	2503	
							RED										1	1278	
						RED	-			-							-	-	OVERRIDE SPEED MAX 15 KMPH
15	A504	A502	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A504AT,A504BT,A504T	A502T	-	-	R-969	(0,R-969),(1024,R-999),(200,R-968)	1224	4	3899	MPS
							DOUBLE YELLOW										3	3646	
						DOUBLE YELLOW	GREEN										4	3899	
							DOUBLE YELLOW										3	3646	
							YELLOW										2	2402	
							GREEN										4	3899	

MALWAN(MWH), PRAYAGRAJ DIVISION, NC RAILWAY					Remarks			SIP: D-3067/1	REF: SIG.PLAN.No.	MALWAN(MWH)					
REF : SIP : SSP.NCR.PRYJ.MWH2.0.0					REVISION HISTORY IS AVAILABLE ON PAGE-12						REVISION	SIGNAL & TELECOMMUNICATION			
REF: RFID_TAG_LAYOUT_MWH_2.0.0									DRAWING	KAVACH Indian Railway ATP					
TABLE OF CONTROL: 37111_MWH_TOC_Ver2_0_0									DY.CSTE/D&D/PRYJ	C H E C K E D	PRAYAGRAJ DIVISION, NC RAILWAY				
	PREPARED BY	CHECKED BY	VERIFIED BY					SSTE/D&D/PRYJ	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							
NAME											N.C.R RLY.DRG.NO:	KAVACH D-3067/1	SHEET	SHEETS	
DESIGNATION													2	5	
					NOTE:										

TABLE OF CONTROL

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

						YELLOW	DOUBLE YELLOW										3	3646	OVERRIDE SPEED MAX 15 KMPH													
							YELLOW										2	2402														
							RED										1	1224														
						RED	-										-															
16	A502	20	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A502AT,A502BT,A502T,C20 T	20T	-	-	R-968	(0,R-968),(978,R-998),(200,R-967)	1178	4	3886	MPS													
							DOUBLE YELLOW										3	2675														
						DOUBLE YELLOW	GREEN										4	3886														
							DOUBLE YELLOW										3	2675														
							YELLOW WITH ROUTE INDICATOR R1										2	2421														
							YELLOW											2421														
						YELLOW	GREEN			4	3886																					
							DOUBLE YELLOW			3	2675																					
							YELLOW WITH ROUTE INDICATOR R1			2	2421																					
							YELLOW				2421																					
							RED			1	1178																					
						RED	-			-	OVERRIDE SPEED MAX 15 KMPH																					
17	20	4	STATION SECTION	DOWN MAIN LINE	DOWN HOME SIGNAL WITHOUT ROUTE INDICATOR	GREEN	GREEN	296,298	-	02AT,02BT,02CT,20T	-	N-220,N-228,N-230	N-217	R-967	(0,R-967),(332,R-966),(143,R-965),(568,R-997),(200,R-964)	1243	4	3719	MPS													
							DOUBLE YELLOW										3	2708														
						DOUBLE YELLOW	GREEN										4	3719														
							DOUBLE YELLOW										3	2708														
							YELLOW										2	1497														
							GREEN										4	3719														
						YELLOW	DOUBLE YELLOW			3	2708																					
							YELLOW			2	1497																					
							RED			1	1243																					
							RED			-	-						OVERRIDE SPEED MAX 15 KMPH															
						18	20			6	STATION SECTION						DOWN MAIN LINE to DN LOOP LINE	DOWN HOME SIGNAL WITH ROUTE INDICATOR		YELLOW (ROUTE POSITION INDICATOR R1)	Y/R	295,298	296	01AT,01BT,01CT,20T	-	N-221,N-223,N-226,N-228,N-230	N-218	R-967	(0,R-967),(332,R-966),(167,R-974),(209,R-973),(74,R-972),(261,R-1001),(200,R-971)	1244	1	1244
																			RED	-	-	-	-	-		-	OVERRIDE SPEED MAX 15 KMPH					
19	C20	4	STATION SECTION	DOWN MAIN LINE	CALLING ON	MINIATURE	4 BLANK/RED	296,298	-	C20T(OCCUPIED)	-	-	-	R-967	(0,R-967),(332,R-966),(143,R-965),(568,R-997),(200,R-964)	1243	1	1243	15													
20	C20	6	STATION SECTION	DOWN MAIN LINE to DN LOOP LINE	CALLING ON	MINIATURE	6 BLANK/RED	295,298	296	C20T(OCCUPIED)	-	-	-	R-967	(0,R-967),(332,R-966),(167,R-974),(209,R-973),(74,R-972),(261,R-1001),(200,R-971)	1244	1	1244	15													
21	4	2	STATION SECTION	DOWN MAIN LINE	DOWN MAIN LINE STARTER	GREEN	GREEN	202	-	4T	-	N-216,N-217	N-211	R-964	(0,R-964),(55,R-996),(79,R-963),(121,R-962)	255	4	3443	MPS													
							DOUBLE YELLOW										3	2477														
						DOUBLE YELLOW	GREEN										4	3443														
							DOUBLE YELLOW										3	2477														
							YELLOW										2	1466														
							GREEN										4	3443														
						YELLOW	DOUBLE YELLOW			3							2477															
							YELLOW			2							1466															
							RED* (AUTO)			1							255															
							RED			-							-	OVERRIDE SPEED MAX 15 KMPH														
22	6	2	STATION SECTION	DN LOOP LINE to DOWN MAIN LINE	DOWN LOOP LINE STARTER	YELLOW	G/Y/Y/Y	-	202	4T	-	N-216,N-217,N-218	N-211	R-971	(0,R-971),(132,R-963),(121,R-962),(957719,R-978)	253	1	253	30													
						RED	-		-	-		-	-				-	OVERRIDE SPEED MAX 15 KMPH														
23	2	A510	AUTO BLOCK	DOWN MAIN LINE	DOWN MAIN LINE ADVANCE STARTER	GREEN	GREEN	-	-	2AT,2BT,2T	-	N-211	-	R-962	(0,R-962),(150,R-1010),(150,R-1011),(711,R-995),(200,R-961)	1211	4	-	MPS													
							DOUBLE YELLOW										3	3189														
						DOUBLE YELLOW	GREEN										4	-														
							DOUBLE YELLOW										3	3189														
							YELLOW										2	2222														
							GREEN										4	-														
						YELLOW	DOUBLE YELLOW			3							3189															
							YELLOW			2							2222															
							RED			1							1211															

MALWAN(MWH), PRAYAGRAJ DIVISION, NC RAILWAY					Remarks			SIP: D-3067/1	REF: SIG.PLAN.No.	MALWAN(MWH)					
REF : SIP : SSP.NCR.PRYJ.MWH2.0.0					REVISION HISTORY IS AVAILABLE ON PAGE-12						REVISION	SIGNAL & TELECOMMUNICATION			
REF: RFID_TAG_LAYOUT_MWH_2.0.0									DRAWING	KAVACH Indian Railway ATP					
TABLE OF CONTROL: 37111_MWH_TOC_Ver2_0_0									DY.CSTE/D&D/PRYJ	C H E C K E D	PRAYAGRAJ DIVISION, NC RAILWAY				
	PREPARED BY	CHECKED BY	VERIFIED BY		DY.CSTE/P-1/PRYJ	SSTE/Pri/PRYJ	SSE/SIG/PRYJ	SSTE/D&D/PRYJ	TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0						
SIGN								ASTE/D&D/PRYJ	N.C.R RLY.DRG.NO:		KAVACH D-3067/1	SHEET	SHEETS		
NAME															
DESIGNATION													3	5	
NOTE:															

TABLE OF CONTROL

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

						RED	-			-		-					-	-	Override Speed Max 15 kmph
24	A510	A508	AUTO BLOCK	DOWN MAIN LINE	FULLY AUTOMATIC SIGNAL	GREEN	GREEN	-	-	A510AT,A510BT,A510T	A508T	-	-	R-961	(0,R-961),(811,R-994),(200,R-960)	1011	-	-	MPS
							DOUBLE YELLOW										4	-	
						DOUBLE YELLOW	GREEN										3	-	
							DOUBLE YELLOW										4	-	
							DOUBLE YELLOW										3	-	
							YELLOW										2	1977	
						YELLOW	GREEN										4	-	
							DOUBLE YELLOW										3	-	
							YELLOW										2	1977	
							RED										1	1011	
						RED	-			-	-						-	-	Override Speed Max 15 kmph

Last Stop Signal for entering into Block Section.	Distance from LSS to Next Approaching Stop Signal in meter	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.	Entry Signal	Exit Signal	Line	Turnout Speed			Permanent Speed Restriction	Gradient			LC Gate					Track Condition		
				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), PRAYAGRAJ DIVISION, NC RAILWAY					Remarks			SIP: D-3067/1	REF: SIG.PLAN.No.	MALWAN(MWH)					
REF : SIP : SSP.NCR.PRYJ.MWH2.0.0					REVISION HISTORY IS AVAILABLE ON PAGE-12						REVISION	SIGNAL & TELECOMMUNICATION			
REF: RFID_TAG_LAYOUT_MWH_2.0.0									DRAWING	KAVACH Indian Railway ATP					
TABLE OF CONTROL: 37111_MWH_TOC_Ver2_0_0									DY.CSTE/D&D/PRYJ	C H E C K E D	PRAYAGRAJ DIVISION, NC RAILWAY				
	PREPARED BY	CHECKED BY	VERIFIED BY		DY.CSTE/P-1/PRYJ	SSTE/Pri/PRYJ	SSE/SIG/PRYJ	SSTE/D&D/PRYJ	TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0						
SIGN								ASTE/D&D/PRYJ							
NAME									N.C.R RLY.DRG.NO:		KAVACH D-3067/1	SHEET	SHEETS		
DESIGNATION												4	5		
					NOTE:										

TABLE OF CONTROL

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

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), PRAYAGRAJ DIVISION, NC RAILWAY					Remarks			SIP: D-3067/1	REF: SIG.PLAN.No.	MALWAN(MWH)			
REF : SIP : SSP.NCR.PRYJ.MWH2.0.0					REVISION HISTORY IS AVAILABLE ON PAGE-12				REVISION	SIGNAL & TELECOMMUNICATION			
REF: RFID_TAG_LAYOUT_MWH_2.0.0									DRAWING	KAVACH Indian Railway ATP			
TABLE OF CONTROL: 37111_MWH_TOC_Ver2_0_0									DY.CSTE/D&D/PRYJ	C H E C K E D	PRAYAGRAJ DIVISION, NC RAILWAY		
	PREPARED BY	CHECKED BY	VERIFIED BY						SSTE/D&D/PRYJ		TABLE OF CONTROL:KAVACH_TOC_MWH_4.0.0		
SIGN					DY.CSTE/P-1/PRYJ	SSTE/Pri/PRYJ	SSE/SIG/PRYJ		ASTE/D&D/PRYJ			KAVACH D-3067/1	
NAME											N.C.R RLY.DRG.NO:		SHEET
DESIGNATION													5
					NOTE:								5