EXHIBIT 2-R

Docket No. DCA-08-MR009

NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C. 20594

Post-accident Signal and Switch Inspection and Test Records

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

Test must be made when placed in service, modified or disarranged, and at least once every designated time frame thereafter.

METROLINK

NAME: John McIntyre
SIGNATURE: [signature] DATE 9-13-08
SUBDIVISION: Ventura
REVIEWED BY: [signature] DATE 9-17-08

RECORDING MARK:

- **C = Test complete. Equipment in satisfactory condition**
- *** A = Adjustment made & test complete. Equipment in satisfactory condition.**
- *** R = Repairs or replacement needed.**
- *** S = Repairs or replacement made. Equipment in satisfactory condition.**
- *** = Explain on back of form.**

M.P.	LOCATION	DATE OF TEST	MONTHLY					6 MONTHS		1 YEAR				2 YEAR					LINE NO.
										TIME RELEASE/TIME RELAY 236.109									
			SW. CKT. CONT. 236.103	SHUNT FOULING 236.104	GROUNDS 236.107	GAGE ATS INDUCTOR 236.576	SWITCH OBSTRUCTION 236.382	TEST ATS INDUCTOR 236.576	SL SIGNAL MECH. 236.102 (e)	TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	
446.80	C.P. Benson	9-13-08			C														1
																			2
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10

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

METROLINK

NAME: John McIntyre
SIGNATURE: [signature] DATE 9-14-08
SUBDIVISION: Ventura
REVIEWED BY: [signature] DATE 9-17-08

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M.P.	LOCATION	DATE OF TEST	MONTHLY: SW. CKT. CONT. 236.103	MONTHLY: SHUNT FOULING 236.104	MONTHLY: GROUNDS 236.107	MONTHLY: GAGE ATS INDUCTOR 236.576	MONTHLY: SWITCH OBSTRUCTION 236.382	6 MONTHS: TEST ATS INDUCTOR 236.576	6 MONTHS: SL SIGNAL MECH. 236.102 (a)	1 YEAR TIME RELEASE/TIME RELAY 236.109: TIMER NAME	1 YEAR TIME RELEASE/TIME RELAY 236.109: PREDETERMINED TIME	1 YEAR TIME RELEASE/TIME RELAY 236.109: ACTUAL TIME	1 YEAR TIME RELEASE/TIME RELAY 236.109: TEST RESULTS	2 YEAR: APPROACH LOCKING 236.377	2 YEAR: TIME LOCKING 236.378	2 YEAR: ROUTE LOCKING 236.379	2 YEAR: INDICATION LOCKING 236.380	2 YEAR: TRAFFIC LOCKING 236.381	LINE NO.
442.65	Signals 4426-4427	9-14-08			C														1
																			2
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02

FORM SCAX CS236, 11/01

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

Test must be made when placed in service, modified or disarranged, and at least once every designated time frame thereafter.

METROLINK

NAME: John McIntyre
SIGNATURE: John McIntyre DATE 9-13-08
SUBDIVISION: Ventura
REVIEWED BY: John McIntyre DATE 9-17-08

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M.P.	LOCATION	DATE OF TEST	MONTHLY					6 MONTHS		1 YEAR				2 YEAR					LINE NO.
										TIME RELEASE/TIME RELAY 236.109									
			SW. CKT. CONT. 236.103	SHUNT FOULING 236.104	GROUNDS 236.107	GAGE ATS INDUCTOR 236.576	SWITCH OBSTRUCTION 236.362	TEST ATS INDUCTOR 236.576	SL SIGNAL MECH. 236.102 (a)	TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	
445.7	Signals 4451 thru 4454	9-13-08			C														1
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SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

METROLINK

NAME: John McIntyre
SIGNATURE: John McA DATE 9-14-08
SUBDIVISION: Ventura
REVIEWED BY: John McA DATE 9-17-08

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			MONTHLY					6 MONTHS		1 YEAR				2 YEAR					
										TIME RELEASE/TIME RELAY 236.109									
M.P.	LOCATION	DATE OF TEST	SW. CKT. CONT. 236.103	SHUNT FOULING 236.104	GROUNDS 236.107	GAGE ATS INDUCTOR 236.576	SWITCH OBSTRUCTION 236.362	TEST ATS INDUCTOR 236.576	SL SIGNAL MECH. 236.102 (a)	TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	LINE NO.
440.8	CP Davis	9-14-08			C														1
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04

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

METROLINK

NAME: S.T. MORRIS
SIGNATURE: [signature] DATE: 9/14/08
SUBDIVISION: VENTURA
REVIEWED BY: [signature] DATE: 9-17-08

Test must be made when placed in service, modified or disarranged, and at least once every designated time frame thereafter.

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LOCATION	DATE OF TEST	MONTHLY					6 MONTHS		1 YEAR				2 YEAR					LINE NO.
									TIME RELEASE/TIME RELAY 236.109									
		SW. CKT. CONT. 236.103	SHUNT FOULING 236.104	GROUNDS 236.107	GAGE ATS INDUCTOR 236.576	SWITCH OBSTRUCTION 236.382	TEST ATS INDUCTOR 236.578	SL SIGNAL MECH. 236.102 (e)	TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	
C.P. TOPANGA	9/14/08			C														1
																		2
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05

SHEET 1 OF 1 SHEETS

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

METROLINK

NAME Roy Mongiello
SIGNATURE Roy Mongiello DATE 9-14-08
SUBDIVISION Ventura Sub.
REVIEWED BY [illegible] DATE 9-17-08

Test must be made when placed in service, modified or disarranged, and at least once every designated time frame thereafter.

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- S = Repairs or replacement made. Equipment in satisfactory condition.
- • = Explain on back of form.

LOCATION	DATE OF TEST	MONTHLY					6 MONTHS		1 YEAR				2 YEAR					LINE NO.
									TIME RELEASE/TIME RELAY 236.100									
		SW. CKT. CONT. 236.103	SHUNT FOULING 236.104	GROUNDS 236.107	GAGE ATS INDUCTOR 236.578	SWITCH OBSTRUCTION 236.382	TEST ATS INDUCTOR 236.576	SL SIGNAL MECH. 236.102 (a)	TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	
C.P. Topanga	9-14-2008	C	C			C												1
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90

FORM SCAX CS236 11/01

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PART 236 INSPECTIONS and TESTS

METROLINK

NAME: S.T. MORRIS
SIGNATURE:
SUBDIVISION: VENTURA
REVIEWED BY:
DATE: 9/15/08
DATE: 9-17-08

Test must be made when placed in service, modified or disarranged, and at least once every designated time frame thereafter.

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LOCATION	DATE OF TEST	MONTHLY: SW. CKT. CONT. 236.103	MONTHLY: SHUNT FOULING 236.104	MONTHLY: GROUNDS 236.107	MONTHLY: GAGE ATS INDUCTOR 236.576	MONTHLY: SWITCH OBSTRUCTION 236.352	6 MONTHS: TEST ATS INDUCTOR 236.576	6 MONTHS: SL SIGNAL MECH. 236.102 (e)	1 YEAR, TIME RELEASE/TIME RELAY 236.109: TIMER NAME	PREDETERMINED TIME	ACTUAL TIME	TEST RESULTS	2 YEAR: APPROACH LOCKING 236.377	TIME LOCKING 236.378	ROUTE LOCKING 236.379	INDICATION LOCKING 236.380	TRAFFIC LOCKING 236.381	LINE NO.
C.P. TOPANGA																		1
WA OVER 1N	9/15/08								TU	360"	362"	C		C	C	C		2
EA OVER 1N	* 9/14/08 T - 9/15/08 L								TU	360"	362"	C		C	C	C		3
WB OVER 1R	9/15/08								TU	360"	362"	C		C	C	C		4
EB OVER 1R	* 9/14/08 T - 9/15/08 L								TU	360"	363"	C		C	C	C		5
	8/14/08								TPR	10"	11"	C						6
	↓								NORTE	30"	30"	C						7
									RORTE	30"	31"	C						8
																		9
																		10
																		11
* T = TIMER TESTED																		12
L = LOCKING TESTED																		13
																		14
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																		24

07

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY

Communications and Signals Department

PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

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SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	ESTOP	RELAY TYPE	B
MANUFACTURER	ALSTOM	PIECE NO.	A62-125
SERIAL NO.	71219T089	COIL RESISTANCE	500 OHM

RATED							
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER	
NORMAL	*REVERSE*	*NORMAL*	*REVERSE*	*NORMAL*	*REVERSE*	*NORMAL*	*REVERSE*
0.0039		0.0127					

YEAR 2008

INITIAL CHARGE	12v	
NEUTRAL CONTACTS	6X6	
MINIMUM RELEASE	NORMAL	.0063
	REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	.011
	REVERSE	
WORKING	NORMAL	
	REVERSE	

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST: C

NAME (print)	S.T. MORRIS
SIGNATURE	DATE 9/15/2008
REVIEWED BY (print)	J. Mc Intyre
SIGNATURE	DATE 9-17-08

YEAR

INITIAL CHARGE		
NEUTRAL CONTACTS		
MINIMUM RELEASE	NORMAL	
	REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	
	REVERSE	
WORKING	NORMAL	
	REVERSE	

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)	
SIGNATURE	DATE
REVIEWED BY (print)	
SIGNATURE	DATE

YEAR

INITIAL CHARGE		
NEUTRAL CONTACTS		
MINIMUM RELEASE	NORMAL	
	REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	
	REVERSE	
WORKING	NORMAL	
	REVERSE	

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)	
SIGNATURE	DATE
REVIEWED BY (print)	
SIGNATURE	DATE

08

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department
PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

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SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	WSTOP	RELAY TYPE	B
MANUFACTURER	ALSTOM	PIECE NO.	A62-125
SERIAL NO.	71219T080	COIL RESISTANCE	500 OHM

RATED								
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER		
NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	
0.0039		0.0127						

YEAR 2008

INITIAL CHARGE	12v				
NEUTRAL CONTACTS	6X6		POLAR CONTACTS		
MINIMUM RELEASE	NORMAL	.0054	CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	.0112	Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST: C

NAME (print) S.T. MORRIS
SIGNATURE [signature] DATE 9/15/2008
REVIEWED BY (print) J. Mc Intyre
SIGNATURE [signature] DATE 9-17-08

YEAR

INITIAL CHARGE					
NEUTRAL CONTACTS			POLAR CONTACTS		
MINIMUM RELEASE	NORMAL		CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL		Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

YEAR

INITIAL CHARGE					
NEUTRAL CONTACTS			POLAR CONTACTS		
MINIMUM RELEASE	NORMAL		CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL		Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

09

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY

Communications and Signals Department

PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

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SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	NWR	RELAY TYPE	ST
MANUFACTURER	SAFETRAN	PIECE NO.	400520
SERIAL NO.	805097	COIL RESISTANCE	500 OHM

RATED							
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER	
NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE
3.23v.		10.45v.					

YEAR 2008

INITIAL CHARGE	12v.				
NEUTRAL CONTACTS	2X2		POLAR CONTACTS		
MINIMUM RELEASE	NORMAL	4.24	CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	9.34	Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST: C

NAME (print) S.T. MORRIS
SIGNATURE [signature] DATE 9/15/2008
REVIEWED BY (print) J. MCINTYRE
SIGNATURE [signature] DATE 9-17-08

YEAR

INITIAL CHARGE					
NEUTRAL CONTACTS			POLAR CONTACTS		
MINIMUM RELEASE	NORMAL		CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL		Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

YEAR

INITIAL CHARGE					
NEUTRAL CONTACTS			POLAR CONTACTS		
MINIMUM RELEASE	NORMAL		CHANGE-OVER	NORMAL	
	REVERSE			REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL		Comments:		
	REVERSE				
WORKING	NORMAL				
	REVERSE				

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY

Communications and Signals Department

PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

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SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	RWR	RELAY TYPE	ST
MANUFACTURER	SAFETRAN	PIECE NO.	400520
SERIAL NO.	112595	COIL RESISTANCE	500 OHM

RATED								
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER		
NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	
3.23v.		10.45v.						

YEAR 2008

INITIAL CHARGE	12v.		
NEUTRAL CONTACTS	2X2		
MINIMUM RELEASE	NORMAL	3.94	
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL	9.48	
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST: C

NAME (print) S.T. MORRIS

SIGNATURE [signature] DATE 9/15/2008

REVIEWED BY (print) J. MCINTYRE

SIGNATURE [signature] DATE 9-17-08

YEAR

INITIAL CHARGE		
NEUTRAL CONTACTS		
MINIMUM RELEASE	NORMAL	
	REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	
	REVERSE	
WORKING	NORMAL	
	REVERSE	

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)

SIGNATURE DATE

REVIEWED BY (print)

SIGNATURE DATE

YEAR

INITIAL CHARGE		
NEUTRAL CONTACTS		
MINIMUM RELEASE	NORMAL	
	REVERSE	
MAXIMUM DIRECT PICK-UP	NORMAL	
	REVERSE	
WORKING	NORMAL	
	REVERSE	

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)

SIGNATURE DATE

REVIEWED BY (print)

SIGNATURE DATE

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY

Communications and Signals Department

PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

SHEET 5 OF 6 SHEETS

RECORDING MARK:

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* S = Repairs or replacement made. Equipment in satisfactory condition.
* = Explain on back of form.

SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	TR	RELAY TYPE	B
MANUFACTURER	GRS	PIECE NO.	A62-682
SERIAL NO.	58297S013	COIL RESISTANCE	4 OHM

RATED							
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER	
NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE
0.044		0.114					

YEAR 2008

INITIAL CHARGE	12v		
NEUTRAL CONTACTS	6X6		
MINIMUM RELEASE	NORMAL	.0458	
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL	.1046	
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST: C

NAME (print) S.T. MORRIS
SIGNATURE [signature] DATE 9/17/08
REVIEWED BY (print) J. MCINTYRE
SIGNATURE [signature] DATE 9-17-08

YEAR

INITIAL CHARGE			
NEUTRAL CONTACTS			
MINIMUM RELEASE	NORMAL		
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL		
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

YEAR

INITIAL CHARGE			
NEUTRAL CONTACTS			
MINIMUM RELEASE	NORMAL		
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL		
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)
SIGNATURE DATE
REVIEWED BY (print)
SIGNATURE DATE

12

FORM SCAX CS234.263/236.106
09/01

SEARCHLIGHT SIGNAL	2 YEAR TEST	Rule 236.102(b)
ELECTRIC SWITCH LOCK	2 YEAR TEST	Rule 236.105
D.C. POLAR RELAY	2 YEAR TEST	Rule 236.106 and 234.263
D.C. NON-POLAR RELAY	4 YEAR TEST	Rule 236.106 and 234.263

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY

Communications and Signals Department

PARTS 234 and 236 RELAY INSPECTIONS and TESTS

METROLINK

RECORDING MARK:

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- * = Explain on back of form.

SUBDIVISION	VENTURA	LOCATION	C.P. TOPANGA
RELAY NAME	XTR	RELAY TYPE	B
MANUFACTURER	GRS	PIECE NO.	A62-682
SERIAL NO.	58297S004	COIL RESISTANCE	4 OHM

RATED							
MINIMUM RELEASE		MAX. DIRECT PICK-UP		WORKING		MAX. CHANGE OVER	
NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE	NORMAL	REVERSE
0.044		0.114					

YEAR 2008

INITIAL CHARGE	12v		
NEUTRAL CONTACTS	6X6		
MINIMUM RELEASE	NORMAL	.0559	
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL		
	REVERSE	.1022	
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST: C

NAME (print) S.T. MORRIS

SIGNATURE [signature] DATE 9/17/08

REVIEWED BY (print) J. MCINTYRE

SIGNATURE [signature] DATE 9-17-08

YEAR

INITIAL CHARGE			
NEUTRAL CONTACTS			
MINIMUM RELEASE	NORMAL		
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL		
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)

SIGNATURE DATE

REVIEWED BY (print)

SIGNATURE DATE

YEAR

INITIAL CHARGE			
NEUTRAL CONTACTS			
MINIMUM RELEASE	NORMAL		
	REVERSE		
MAXIMUM DIRECT PICK-UP	NORMAL		
	REVERSE		
WORKING	NORMAL		
	REVERSE		

POLAR CONTACTS		
CHANGE-OVER	NORMAL	
	REVERSE	

Comments:

RESULT OF TEST:

NAME (print)

SIGNATURE DATE

REVIEWED BY (print)

SIGNATURE DATE

13

FORM SCAX CS234.263/236.106
09/01

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 1 OF 2 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

RECORDING MARK:

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METROLINK

LOCATION: 445 SIGNALS
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/16/08	7c #6	1ADGE	C	1G		
		1AHGE		1G		
		1ARGE		2G		
		1AGEN		1G		
		1AGEN		1G		
		SP		1G		
		SP		1G		
	7c #6	2ADGE		500M		
		2AHGE		1G		
		2ARGE		1G		
		2AGEN		300M		
		2AGEN		500M		
		SP		300M		
		SP		300M		

FORM SCAX CS234.267/236.108
01/01

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 2 OF 2 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

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* R= Repairs or replacement needed.
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METROLINK

LOCATION: 445 SIGNALS
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/16/08	7c #6	3ADGE	C	200m		
		3AHGE		500m		
		3ARGE		500m		
		3AGEN		400m		
		3AGEN		1G		
		SP		1G		
		SP		1G		
	7c #6	4ADGE		500m		
		4AHGE		500m		
		4ARGE		2G		
		4AGEN		500m		
		4AGEN		2G		
		SP		1G		
		SP		1G		

FORM SCAX CS234.267/236.108
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SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 1 OF 1 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

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METROLINK

LOCATION: 442 SIGNALS
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/16/08	7C #6	SP	C	26		
		SP				
		EBRE				
		WBRE				
		EBYE				
		WBYE				
		ENE				
	7C #6	WNE				
		EARE				
		WARE				
		EAYE				
		WAYE				
		EAGE				
		WAGE				

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SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 1 OF 3 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

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METROLINK

LOCATION: C.P. TOPANGA
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/17/08	7c #6	WADGE	C	2G		
		WAHGE		200M		
		WARGE		1G		
		WADGEN		1G		
		WAHGEN		1G		
		WARGEN		500M		
		WARGEN		1G		
	7c #6	WBDGE		500M		
		WBHGE		1G		
		WBRGE		200M		
		WBDGEN		1G		
		WBHGEN		1G		
		WBRGEN		500M		
		WBRGEN		500M		

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SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 2 OF 3 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

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METROLINK

LOCATION: C.P. TOPANGA
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/12/08	7c #6	EADGE	C	INF		
		EAHGE		520M	REPLACED ARRESTOR - LEFT 1G	
		EARGE		2G		
		EADGEN		2G		
		EAHGEN		500M		
		EARGEN		500M		
		EARGEN		1G		
	7c #6	EBDGE		2G		
		EBHGE		500M		
		EBRGE		1G		
		EBDGEN		500M		
		EBHGEN		2G		
		EBRGEN		500M		
		EBRGEN		1G		

FORM SCAX CS234.267/236.108
01/01

SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
Communications and Signals Department

SHEET 3 OF 3 SHEETS

TEN YEAR INSULATION RESISTANCE TEST FOR WIRES IN TRUNKING AND CABLES
RULES 234.267 and 236.108

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METROLINK

LOCATION: C.P. TOPANGA
SUBDIVISION: VENTURA

MONTH: SEPT.
YEAR: 2008

TESTED BY:
NAME (Print): S.T. MORRIS
SIGNATURE:

DATE OF TEST	CABLE	WIRE I.D.	TEST RESULTS	RESISTANCE	CIRCUITS NOT MEETING SPECIFICATIONS REMARKS	CONDITION
9/17/08	12c #14	WNP1	C	INF		
		WNPN		1G		
		WRP1		2G		
		WRPN		2G		
		WP		2G		
		B 12		2G		
		N 12		1G		
		SP8-12		INF		
	7c #6	5	C	INF		
		10		2G		
		B		2G		
		C		2G		
		NL		2G		
		SP		INF		
		SP		INF		

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