

# Acceptance Test Report

Created: April 7, 2008  
 Modified: April 28, 2008

**Date Tested:** 4/29/08  
**Witnesses Names:** Christopher Nadovich, John Greco  
**Testers Names:** Serdar Benderli, Austin Robinson, EVAN ST. JEAN, JEFF LETOSKI,  
**Non-Technical User Name:** Rupesh Gajurel  
 Alex Sippin

	Board #	Master PIC Code Version #	Slave PIC Code Version #
Station 1	1	v2.63	v1.59
Station 2	2	"	"
Station 3	3	"	"
Station 4	4	"	"
Station 5	5	"	"

**Software Code Version #** folder srcBackup4-29-08

Test #	Pass	Fail	Measurements/ Comments	Tester's Name	Witnessed By
<b>T001</b>					
3rd Street Switch 0	✓			Austin Robison	Alfred - 29 Apr 08
3rd Street Switch 1	✓				
Skillman Switch 0	✓				
Skillman Switch 1	✓				
Skillman Switch 2	✓				
Skillman Switch 3	✓				
Farinon Switch 0	✓				
Farinon Switch 1	✓				
Farinon Switch 2	✓		Mechanically loose		
Metzgar Switch 0	✓				
Metzgar Switch 1	✓				
<b>Overall T001</b>	✓				
<b>T002</b>					
Shorted Rails Test	✓			Tester OT	Witness Alfred 29 Apr 08
<input type="radio"/> <b>3rd Street Track Segment 1</b>					
Left Direction	✓				
Stop	✓				
Speed 2	✓				
Speed 8	✓				
Speed 15	✓				
Right Direction	✓				
Stop	✓				
Speed 2	✓				
Speed 8	✓				
Speed 15	✓				
<input type="checkbox"/> <b>3rd Street Track Segment 2</b>					
Left Direction	✓				
Stop	✓				
Speed 2	✓				
Speed 8	✓				
Speed 15	✓				
Right Direction	✓				
Stop	✓				
Speed 2	✓				
Speed 8	✓				
Speed 15	✓				

3 3rd Street Track Segment 3		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
4 3rd Street Track Segment 4		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
5 3rd Street Track Segment 5		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
6 3rd Street Track Segment 6		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				

73rd Street Track Segment 7		Pass	Fail	Comments	Tester	Witness
	Left Direction	/				
	Stop	/				
	Speed 2	/				
	Speed 8	/				
	Speed 15	/				
	Right Direction	/				
	Stop	/				
	Speed 2	/				
	Speed 8	/				
	Speed 15	/				
Sullivan Track Segment 1		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
Sullivan Track Segment 2		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
Sullivan Track Segment 3		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				

4 Sullivan Track Segment 4		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
6 Sullivan Track Segment 5		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
7 Sullivan Track Segment 6		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
8 Skillman Track Segment 1		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				

Skillman Track Segment 2		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Skillman Track Segment 3		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Skillman Track Segment 4		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Skillman Track Segment 5		Pass	Fail	Comments	Tester	Witness
Left Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				
Right Direction		✓				
Stop		✓				
Speed 2		✓				
Speed 8		✓				
Speed 15		✓				


6 Skillman Track Segment 6		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
7 Skillman Track Segment 7		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
8 Skillman Track Segment 8		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
9 Farinon Track Segment 1		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				

1 Farinon Track Segment 2		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
3 Farinon Track Segment 3		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
4 Farinon Track Segment 4		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
6 Farinon Track Segment 5		Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				



7	Farinon Track Segment 6	Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
0	Metzgar Track Segment 1	Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
1	Metzgar Track Segment 2	Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
3	Metzgar Track Segment 3	Pass	Fail	Comments	Tester	Witness
	Left Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				
	Right Direction	✓				
	Stop	✓				
	Speed 2	✓				
	Speed 8	✓				
	Speed 15	✓				

4 Metzgar Track Segment 4		Pass	Fail	Comments	Tester	Witness		
	Left Direction	✓			↑			
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
	Right Direction	✓						
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
5 Metzgar Track Segment 5		Pass	Fail	Comments			Tester	Witness
	Left Direction	✓					↑	
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
	Right Direction	✓						
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
6 Metzgar Track Segment 6		Pass	Fail	Comments	Tester	Witness		
	Left Direction	✓			↑			
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
	Right Direction	✓						
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
7 Metzgar Track Segment 7		Pass	Fail	Comments			Tester	Witness
	Left Direction	✓					↑	
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
	Right Direction	✓						
	Stop	✓						
	Speed 2	✓						
	Speed 8	✓						
	Speed 15	✓						
	Rail ++ Test	✓			↑			
	Rail -- Test	✓						
Overall T002		✓						

  
 Austin

T003	Pass	Fail	Comments	Tester	Witness
Metzgar Sensor 1	✓			Austin	JG
Metzgar Sensor 0	✓				
Farinon Sensor 2	✓				
Farinon Sensor 1	✓				
Farinon Sensor 0	✓				
Skillman Sensor 2	✓				
Skillman Sensor 1	✓				
Skillman Sensor 0	✓				
Sullivan Sensor 2	✓				
Sullivan Sensor 1	✓				
Sullivan Sensor 0	✓				
3rd Street Sensor 1	✓				
3rd Street Sensor 0	✓				
Metzgar Sensor 3	✓				
Metzgar Sensor 2	✓				
Farinon Sensor 5	✓				
Farinon Sensor 4	✓				
Farinon Sensor 3	✗	✓	Broken sensor		
Skillman Sensor 5	✓				
Skillman Sensor 4	✓				
Skillman Sensor 3	✓				
Sullivan Sensor 5	✓				
Sullivan Sensor 4	✓				
Sullivan Sensor 3	✓				
3rd Street Sensor 3	✓				
3rd Street Sensor 2	✓				
Metzgar Sensor 5	✓				
Metzgar Sensor 4	✓				
Farinon Sensor 7	✓				
Farinon Sensor 6	✓				
Skillman Sensor 8	✓				
Skillman Sensor 7	✓				
Skillman Sensor 6	✓				
Sullivan Sensor 8	✓				
Sullivan Sensor 7	✓				
Sullivan Sensor 6	✓				
3rd Street Sensor 5	✓				
3rd Street Sensor 4	✓				
Overall T003	✓				
T005	Pass	Fail	Comments	Tester	Witness
System Delay	✓			AUSTIN	<del>_____</del>

T008		Pass	Fail	Comments	Tester	Witness
	Stop1	✓			Rupesh Gajul	
	Stop2	✓				
	Stop3	✓				
	Stop4	✓				
	Stop5	✓				
	Stop6	✓				
	Stop7	✓				
	Stop8	✓				
	Stop9	✓				
	Stop10	✓				
	Stop11	✓				
	Stop12	✓				
	Stop13	✓				
Overall T008						
T010		Pass	Fail	Comments	Tester	Witness
	Visual Inspection	✓			Alex Sippin	
Overall T008						
GPR001		Pass	Fail	Comments	Tester	Witness
	Submitted D001	✓			Alex Sippin	
	Submitted D002	✓				
	Submitted D003	✓				
	Submitted D004	✓				
	Submitted D005	✓		wait for software to be uploaded to website		
	Submitted D006	✓		Maint. Manual due 5/9		
	Submitted D007	✓		ATR scanned 5/4		
	D008	✓		QA Audit		
	D009	✓		← website		
	D010	✓		Status Letters		
	D011	✓		meetings system		
Overall GPR001						
GPR002		Pass	Fail	Comments	Tester	Witness
	Board 1	✓			[Signature]	[Signature]
	Board 2	✓		highest to 1%		
	Board 3	✓				
	Board 4	✓				
	Board 5	✓				
Overall GPR002						
GPR010		Pass	Fail	Comments	Tester	Witness
	Ethics Report	✓			TUSTIA	
	Visual Inspection	✓				
	Deceleration	✓				
	Acceleration	✓				
Overall GPR010						
GPR011		Pass	Fail	Comments	Tester	Witness
	T008	✓				
	Visual Inspection	✓				
Overall GPR011						