

1 YEAR ASU OIL, FILTER & TEST

- CAR NUMBER 7695
- CHANGE ASU OIL & CHECK LEVEL /
- REPLACE AIR FILTERS & INLINE FILTER /
- ASU Serial Number (S/N ON FRAME ABOVE TWIN TOWERS) 0009000100
- COMPLETE 1 YEAR ASU TEST PROCEDURE

Record charge up time from empty to 150 ± 2 psi.

96 sec. seconds Pass Fail

Limit: 150 seconds

Record charge up time form 120 ± 2 psi to 150 ± 2 psi.

25 sec seconds Pass Fail

Limit: 30 seconds

MECHANIC [REDACTED] IBM# 51279

SUPERVISOR [REDACTED] IBM# 28819

COMPONENT DEFECT/REPAIR SHEET

CAR #

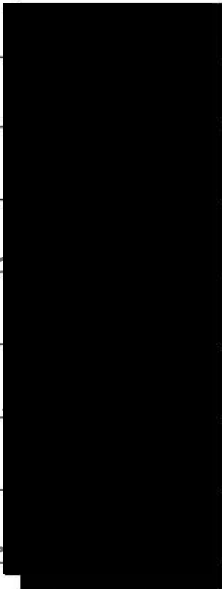
7695

SHIFT:

12³⁰-8³⁰

DATE:

4/20/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Cab	Window Plunk	Low	NM			
RE	Buffer Stem	BRK	LUBE		50035	
Cab	RND Window	Slit	LUBE			
L	Back Cushion	Worn	OAF			
R	Seat Cushion	Worn	REPT		50035	
L	Door Floor	Bubble	SP			
L2	Seat Cushion	Worn	OAF		50035	
RE	Bridge Plate Door	NPS	Sec			
R18	Seat Cushion	A.I	Repl		50035	

SUPERVISOR'S SIGNATURE:



IBM#:

57412

COMPONENT DEFECT/REPAIR SHEET

CAR #

7695

SHIFT:

12³⁰-8³⁰

DATE:

4-20-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
R2	750 Slicker	DIRTY	Clean		50035	
la	Toilet Stand Pipe caps	NPS	Sec		50035	
la	Fresh water caps	NPS	NM			
la	Waste caps	NPS	Sec		50035	
R1	750 Slicker	DIRTY	Clean			
W	750 Slicker	DIRTY	Clean			
la	Toilet Stand Pipe caps	NPS	Sec		50035	
la	Fresh water caps	NPS	NM			
la	Waste caps	NPS	Sec		50035	
la	Gray water chain	NPS	Sec			
la	750 Slicker	DIRTY	Clean			
la	Law. Damper sleeve	NPS	Sec		50035	
la	Center Pin Sust Ring	MISS	NM			
cab	Cond Seal Lock	trap	NM			
cab	3 Cases of water	MISS	NM			
cab	Cond Window	DIRTY	LUBE		50035	
cab	COMM Door Brak	MISS	NM			

SUPERVISOR'S SIGNATURE:

IBM#:


57412

COMPONENT DEFECT/REPAIR SHEET

CAR # 7695

SHIFT: 12:30 to 8:30

DATE: 4-26-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
under car	The 1/2" scallights in back of the HSCP#1 and HSCP#2 boxes.	NPS	See			
under car	middle elect. cables by the APS Blower cage (rubber boots)	NPS	See			
u	like elect. cable that comes out of the top of the CTR Aux Fuse group etc., by the north side grid cage.	NPS	See			
under car	The 1/2" scallight to the left of the CTR Aux Fuse group cover, by the north side grid cage.	PD	Paint			
under car	Various 750V signs and labels on grid cages and elect. boxes.	DIRT	Clear			
Cab	Sidibel light lens	MISS	Repl			
North side Electro locker	Various spare fuses	MISS	N/M			
u	Molding at the edge of the door (bottom)	NPS	See			
u	Elect. feed wire for the outlet	PD	N/M			
F-End	Duplex outlet cover by the cab	PD	N/M			
u	Elect. lockers both sides safety cables for the doors.	MISS	N/M			

SUPERVISOR'S SIGNATURE: 

IBM#: SP

COMPONENT DEFECT/REPAIR SHEET

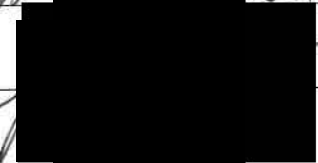
CAR# 7695

SHIFT: 12:30 to 8:30

DATE: 4-26-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
#7 and #4 axles	the top ground straps that goes to the 12 o'clock brush holders.	PP	Part			
F-End	Track receivers protection board	PP	See			
"	north side junction box cover bolts	Loos	Tight			
"	Elect. coupler cables	NPS	See			
"	Labels in back of the elect. coupler box (#1)	dirt	Clear			
"	Elect. coupler pins and gasket	dirt	Clear			
F-End	Elect. coupler door	bind	FBP			
South side	Inter-car BUS Line Fuse Box and Fuse.	carb	Clear			
"	main knife switch Box	dirt	Clear			
North side	Seal/tights to the right of the Air Compressor.	NPS	See			
B-End	(IC HV) 750v. elect. jumper cables. (rubber boots)	miss	Repl			
"	(IC HV) 750v. elect. jumper cables.	PP	Part			
B-End	Elect. jumper cables (labels)	dirt	Clear			
Contact shoes under car	ALL contact shoe fuse boxes, 750V. Signs.	pp/dirt	Clear			
under car	the 5 1/2 seal/tight to the left of the CT11 Aux Fuse Group cover, by the south side grid cage.	NPS	See			
under car	the heavy elect. cables in back of the HSCB #1 and HSCB #2 boxes.	NPS	See			

SUPERVISOR'S SIGNATURE: _____



IBM#: _____

501

COMPONENT DEFECT/REPAIR SHEET

CAR # 7695

SHIFT: 12^{mc}

DATE: 9/20/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Grease	G.C Tag #1	Dirty	clean		5079	[REDACTED]
	#2					
	#3					
	#4					
	G.C Breather #1					
	#2					
	#3					
	#4					
	G.C Sight Glass #1					
	#2					
	#3					
	#4					
	Compressor ID Tag					
Grease	Compressor Sight Glass	Dirty	clean		51279	[REDACTED]
Pro	FANS	Dirty	clean		54498	
	F/E / B/E Module 1&2	Dirty	clean		54471	
APS	Blower Motor, FILTERS, & FILTER CASE	DIRT	clean	All	54471	

SUPERVISOR'S SIGNATURE: [REDACTED]

IBM#: 20019



M7 92 DAY PERIODIC INSPECTION

CAR # 7695 DATE 4/20/17 SHIFT 10³⁰ SHOP JU

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14	NOTE	27121	
3	ATC		OK	55384	
4	AUX POWER (APS)	2	NOTE	54471	
5	ELECTRICAL COUPLER	4	NOTE	27121	
6	DOORS	5	✓	29466	
7	LIGHTING	12	✓NOTE	28410	
8	HVAC	8	✓	2689	
9	CONTACT SHOES	7	NOTE	27757	
10	ICC MECHANICAL	13	NOTE	29863	
11	AIR BRAKE	3	Note	26481	
12	AIR COMPRESSOR	3	✓	51279	
13	PROPULSION	1	NOTE	54478	
14	BRAKE SHOES/DISCS	3	✓	51279	
15	TOILET / CARBODY	9	NOTE	28818	
16	COMMUNICATION/DOORS	10	NOTE	21157	
17	TRACTION MOTORS	6	NOTE	54490	
18	SHOE BEAM		✓	54565	
19	COUPLER		O.K	57273	
20	TRACTION MOTOR COUPLER		✓	51279	

	GAUGE	XDUCER	P WIRE
F/E LOAD LEVELER	<u>65 69</u>	<u>66 67</u>	MAX BRAKE (0 mA) <u>0</u>
B/E LOAD LEVELER	<u>57 64</u>	<u>58 64</u>	MIN BRAKE (256-277 mA) <u>268</u>
MAX BRAKE PSI	<u>42</u>	<u>42 41</u>	COAST (290 - 310 mA) <u>300</u>
MIN BRAKE PSI	<u>11</u>	<u>12 13</u>	MIN PWR (323 - 343 mA) <u>334</u>
EMER BRAKE PSI	<u>50</u>	<u>50 51</u>	MAX PWR (485 - 515 mA) <u>502</u>
	F-END	B-END	F-END B-END
ODOMETER (MILES)	<u>110.457</u>	<u>110.534</u>	FREON LEVEL <u>L</u> <u>✓</u>
PWR CONS. (KWH)	<u>203.368</u>	<u>195.486</u>	

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# [Redacted] 28819

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4/26/17 SHIFT: 10²⁰

	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE		
Grease	G.C H4 oil drain Plus safety wire	FD	Repl		287B			
CONTACT SHOES	L2, R1 SHOE SHUNTS	FD	Repl	2	56961			
Prop	BEND CHBI Tip	CARB	clea					
	BEND LB11 Tip	X-PLAY	Repl					
	BEND PC4 CABLE connectors screws	Loose	sec'd					
Prop	BEND HSCB Tips	CARB	clea					
	BEND LB13 Tip	CARB	Repl					
	BEND Loss of Speed Detection	CODE 159	Rest					
	BEND Speed Sensor Failure A/B 3	CODE 025	Rest					
	BEND Speed Sensor Failure A/B 1	CODE 023	Rest					
	FEND LB11 TIP	CARB/WL	Repl					
	FEND LB13 TIP	CARB/WL	Repl					
	FEND CHBI Tip	CARB	clea					
	FEND HSCB	CARB	clea					
	FEND BEND Filters	NM	Repl				56961	

GEAR CASE OIL: #1 OK #2 low (fls) #3 OK #4 OK

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # _____ DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

	GAUGE	XDUCER		P WIRE
F/E LOAD LEVELER	_____	_____		MAX BRAKE (0 mA) _____
B/E LOAD LEVELER	_____	_____		MIN BRAKE (256-277 mA) _____
MAX BRAKE PSI	_____	_____		COAST (290 - 310 mA) _____
MIN BRAKE PSI	_____	_____		MIN PWR (323 - 343 mA) _____
EMER BRAKE PSI	_____	_____		MAX PWR (485 - 515 mA) _____
	F-END	B-END		F-END B-END
ODOMETER (MILES)	_____	_____		FREON LEVEL _____
PWR CONS. (KWH)	_____	_____		

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4/26/17 SHIFT: 1230

	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
APS	KNIFE SWITCH COMPARTMENT	DIRT	Clea		56961	
↓	FILTER CAGE MOUNTING BOLTS	MNH	Nm			
↓	AUX INVERT COVER & BOLTS	NPS	Secd			
↓	DOTLET COVER IN CAB	PO	Repd			
↓	" " " F/E VEST	LOOS	Secd			
APS	LAMP IN ELLI LOCKER	INOP	Nm			
Lights	Gimble Light (cabside)	INOP	Repd		56961	

GEAR CASE OIL: #1 _____ #2 _____ #3 _____ #4 _____

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # _____ DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

	GAUGE	XDUCER		P WIRE
F/E LOAD LEVELER	_____	_____		MAX BRAKE (0 mA) _____
B/E LOAD LEVELER	_____	_____		MIN BRAKE (256-277 mA) _____
MAX BRAKE PSI	_____	_____		COAST (290 - 310 mA) _____
MIN BRAKE PSI	_____	_____		MIN PWR (323 - 343 mA) _____
EMER BRAKE PSI	_____	_____		MAX PWR (485 - 515 mA) _____
	F-END	B-END		F-END B-END
ODOMETER (MILES)	_____	_____		FREON LEVEL _____
PWR CONS. (KWH)	_____	_____		

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4.26.17 SHIFT: 12³⁰-8³⁰

MOTORS	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
↑	FIE B/E MOTOR CLEATS	NPS	Seco		56961	[REDACTED]
	AXLE 1 6 ⁰⁰ CLEAT	LOOS	Seco			
	AXLE 2 2 ⁰⁰ GND	FRAY	Reed			
↓	AXLE 3 6 ⁰⁰ CLEAT	LOOS	Seco			
MOTORS	AXLE 4 3 ⁰⁰ GND	IBD	Insd		56961	[REDACTED]
TOILET	N/S FILL LINE SINK CAP	MISS	NM			[REDACTED]
	N/S FILL LINE TOILET CAP	MISS	NM			
	N/S RINSE LINE CAP	MISS	NM			
	S/S FILL LINE SINK CAP	MISS	NM			
	S/S FILL LINE TOILET CAP	MISS	NM			
	BATHROOM DOOR	DAD!	ADJ		27904	
	TVPSA BOX	NPS	Sec		↑	
	ALL WASTE CAPS	NPS	Sec		↓	
TOILET	WATER/AIR VALVE	OFF	ON		27904	
DOORS	windshield heater light	INDP	Reed		56961	
1	Entry Door lights O/S	Dull	ADJ		56961	

GEAR CASE OIL: #1 _____ #2 _____ #3 _____ #4 _____

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # 7695 DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

	GAUGE	XDUCER		P WIRE
F/E LOAD LEVELER	_____	_____		MAX BRAKE (0 mA) _____
B/E LOAD LEVELER	_____	_____		MIN BRAKE (256-277 mA) _____
MAX BRAKE PSI	_____	_____		COAST (290 - 310 mA) _____
MIN BRAKE PSI	_____	_____		MIN PWR (323 - 343 mA) _____
EMER BRAKE PSI	_____	_____		MAX PWR (485 - 515 mA) _____
	F-END	B-END		F-END B-END
ODOMETER (MILES)	_____	_____		FREON LEVEL _____
PWR CONS. (KWH)	_____	_____		

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

ATC 92 Day Inspection - M-7 Equipment

Test Location:	HMC	A Car No.:	7696	Type of Test:	Periodic	Road Failure
Date:	4/26/17	B Car No.:	7695			
4.1- ATC Initial Inspection (B Car)				4.1- Initial Inspection (A Car)		
ATC Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	ADU	<input checked="" type="radio"/> OK	ADU	<input checked="" type="radio"/> OK	
SS Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	ODU	<input checked="" type="radio"/> OK	ODU	<input checked="" type="radio"/> OK	
ALE Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	Acknowledge Switch	<input checked="" type="radio"/> OK	Acknowledge Switch	<input checked="" type="radio"/> OK	
ATC Cabinet	<input checked="" type="radio"/> OK	Deadman Foot Pedal	<input checked="" type="radio"/> OK	Deadman Foot Pedal	<input checked="" type="radio"/> OK	
4.1- Equipment Dates		4.1 - Software Version		4.2- Track Receiver Inspection		
USBR Relay (B Car)	DATE (Y-M-D) 17-4-6	ATC	Ver: 4.3	B Car Left Side (7.5 to 8.5)	<input checked="" type="radio"/> OK	8.0 inch
ATCEBR Relay (B Car)	DATE (Y-M-D) 17-4-6	DEC (Decoder)	Ver: 0.3	B Car Right Side (7.5 to 8.5)	<input checked="" type="radio"/> OK	8.0 inch
VZR1 Relay (B Car)	DATE (Y-M-D) 17-4-6	ALE (Alerter)	Ver: 0.8	A Car Left Side (7.5 to 8.5)	<input checked="" type="radio"/> OK	7.75 inch
CMR Relay (B Car)	DATE (Y-M-D) 17-4-6	Speed Sensing	Ver: 1.8	A Car Right Side (7.5 to 8.5)	<input checked="" type="radio"/> OK	7.75 inch
CMR Relay (A Car)	DATE (Y-M-D) 17-3-27					
4.3 - ATC Resistance Test				4.3 - Speed Sensor Resistance Test		
Higher than 1 Megohm	<input checked="" type="radio"/> Yes / <input type="radio"/> No			SS1 (1800 +/- 270 Ohms)	<input checked="" type="radio"/> OK	1812 Ohms
If no, list the test points:					SS2 (1800 +/- 270 Ohms)	1838 Ohms
4.4 - ATC Voltage Test						
Battery Voltage V +29 (+/- 3.0)	Vdc: 29.2	CPS Brd V +31.5 (+/- 1.5)	Vdc: 31.6	CPS Board V +12 (+/- 1.0)	Vdc: 11.9	
CPS Board V +5 (+/- 0.25)	Vdc: 5.1	CPS Board V -12(+/- 1.0)	Vdc: -12.0			
4.5 - B Car Decoder Calibration		4.5 - Speed Sensing Cal.		4.14 - A Car Decoder Calibration		
Low Energy Channel		Wheel dia. axle 2 (measured)	36.0 inch	Low Energy Channel		
Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	Wheel dia. axle 2 (CPU board)	36.0 inch	Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	
Pick up current (2.25 to 2.55 A)	Amper: 2.40	Wheel dia. axle 3 (measured)	36.0 inch	Pick up current (2.25 to 2.55 A)	Amper: 2.39	
High Energy Channel		Wheel dia. axle 3 (CPU board)	36.0 inch	High Energy Channel		
Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	6.5 - Decelerometer Cal.		Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	
Calibration current (< 2.80A)	Amper: 2.70	Decel. re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	Calibration current (< 2.80A)	Amper: 2.54	
- Testing (B Car)				- Testing (A Car)		
4.6 - No Motion Test	Tested <input checked="" type="radio"/> OK					
4.7 - ATC Lamp Test	Tested <input checked="" type="radio"/> OK		4.15 - ATC Lamp Test	Tested <input checked="" type="radio"/> OK		
4.8 - Daily Test	Tested <input checked="" type="radio"/> OK		4.16 - Daily Test	Tested <input checked="" type="radio"/> OK		
• Speed Control Brake application	Tested <input checked="" type="radio"/> OK		• Speed Control Brake application	Tested <input checked="" type="radio"/> OK		
• Penalty Brake Application	Tested <input checked="" type="radio"/> OK		• Penalty Brake Application	Tested <input checked="" type="radio"/> OK		
• Emergency Brake Application	Tested <input checked="" type="radio"/> OK		• Emergency Brake Application	Tested <input checked="" type="radio"/> OK		
4.9 - Deadman Test	Tested <input checked="" type="radio"/> OK		4.17 - Deadman Test	Tested <input checked="" type="radio"/> OK		
4.10 - Alerter Test	Tested <input checked="" type="radio"/> OK		4.18 - Alerter Test	Tested <input checked="" type="radio"/> OK		
4.11 - SECO Test	Tested <input checked="" type="radio"/> OK		4.19 - SECO Test	Tested <input checked="" type="radio"/> OK		
4.12 - ATC Bypass Test	Tested <input checked="" type="radio"/> OK		4.20 - ATC Trail Mode test	Tested <input checked="" type="radio"/> OK		
4.13 - Speed Sensing Bypass Test	Tested <input checked="" type="radio"/> OK		4.21 - ATC Final Inspection	Done <input checked="" type="radio"/> OK		
Remarks:						
Inspected By:	Adjust. made by:	Multimeter	ATC Test Set	Form: MP-362 (M7-MicroCab)		
IBM: 55384	IBM: 55384	Calibration Date: 9/26/16	Calibration Date: 4/5/17	Revision: -	Page 1 of 2	
		Serial Number: 01965	Serial Number: 80105	Issued/Revised: 3/4/10	Log File attached	Yes <input checked="" type="radio"/> No

NOTE: This Form shall be used for Periodic Inspections and after Road Failures. All Testing to be in accord with the latest revision of MIL-2018-E8. PLEASE NOTE: TO ENSURE THAT YOU ARE UTILIZING THE LATEST APPROVED VERSION OF THIS DOCUMENT, PLEASE REFER TO THE LIRR M OF E FILENET SYSTEM AND, IF REQUIRED, PRINT THE LATEST APPROVED DOCUMENT FOR YOUR USE, OR CONTACT THE OFFICE OF EQUIPMENT ENGINEERING FOR THE LATEST APPROVED DOCUMENT

M-7 92 DAY TOILET PI CHECKSHEET

RSU# 7695

DATE: 4/26/17

		YES	NO
1.1	Initial condition of toilet system		
1.1.1	Toilet is working property	/	
1.1.2	Toilet needs service but no other faults exist	/	
1.1.3	Toilet is INOP		/
2.1	Clean Pressure Transducer Manifold		
2.1.1	Pressure inside intermediate tank.	/	
2.1.2	Debris removed @ pressure transducer & pressure switch inlets.	/	
2.2	Discharge valve #1		
2.2.1.1	Manifold block tight	/	
2.2.1.2	Solenoid valve mounting screw tight.	/	
2.2.1	Mounting screw tightened using Loctite #242 As required	/	
2.3	Discharge Valve #1 Proximity sensor		
2.3.1	Verify DV#1 opens and closes during normal Flush cycle.	/	
2.3.2	Verify proximity sensor reads metallic bracket.	/	
2.3.3	Proximity sensor adjusted.	/	
2.4	Oil Canister Verification		
2.4.1.1	Oil canister is in place	/	
2.4.1.2	Oil canister check valve is property placed	/	
2.4.2	Oil canister Activation Date		n
2.4.3	Oil level is within proper level	/	
2.4.4	Oil line from canister to DV#1 is charged	/	
2.5	3/8 Check Valve		
2.5.1.1	3 Spray nozzles operate correctly	/	
2.5.1.2	Spray nozzles cleaned	/	
2.5.1.3	Water Passes through nozzles after cycle is complete	/	
2.6	Function Test (cycles)		
2.6.2	Unit is fully functional	/	
2.7	Function Test (DV #1)		

M-7 92 DAY DOOR PI (ELECTRICAL)

DATE: 4/26/17

CAR# 7695-6

	CAB SIDE	NON-CAB
1. DOOR CONTROL PANEL.		
1.1 KEY SWITCH TEST.	<input type="checkbox"/>	<input type="checkbox"/>
1.2 LAMP TEST.	<input type="checkbox"/>	<input type="checkbox"/>
1.3 BUZZER. (AUDIBLE)	<input type="checkbox"/>	<input type="checkbox"/>
1.4 OPEN & CLOSE BUTTONS. (ALL DOORS)	<input type="checkbox"/>	<input type="checkbox"/>
1.5 DOOR CLOSING BELL & PRECLOSE.	<input type="checkbox"/>	<input type="checkbox"/>
1.6 PARTIAL OPEN FUNCTION.	<input type="checkbox"/>	<input type="checkbox"/>
1.7 DOOR OVERRIDE.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. INDIVIDUAL DOOR LOCATION.		
2.1 INTERIOR & EXTERIOR LIGHTS.	<input type="checkbox"/>	<input type="checkbox"/>
2.2 INTERIOR & EXTERIOR CREW SWITCHES.	<input type="checkbox"/>	<input type="checkbox"/>
2.3 MECHANICAL LOCK CLOSE LIGHT. (DCM)	<input type="checkbox"/>	<input type="checkbox"/>
2.4 MOTOR CUTOUT SWITCH.	<input type="checkbox"/>	<input type="checkbox"/>
2.5 IN& EXT DOOR DISABLE LIGHT. (DCM)	<input type="checkbox"/>	<input type="checkbox"/>
2.6 TSCU FUNCTIONALITY.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. DOOR CONTROL MODULE. (DCM)		
3.1 NO ACTIVE FAULTS LIGHT.	<input type="checkbox"/>	<input type="checkbox"/>
3.2 OPEN & CLOSE NO INTERMITTENT FAULT.	<input type="checkbox"/>	<input type="checkbox"/>
3.3 WIRE HARNESS INSPECTION.	<input type="checkbox"/>	<input type="checkbox"/>
3.4 MOUNTING BOLTS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SIGNATURE & IBM#



2/1/17

Mechanical Door PI Checklist

Car # 7695

Track: _____

Date 4/24/17

	R1	L1	R2	L2
Emergency handle clips: (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Emergency handle operations: (OK or B for Binding)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Male Nose rubber condition: (OK, R for reinstalled or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Female Nose rubber condition: (OK, R for reinstalled or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Barrel lock operation: (OK or Inop)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mechanical lock operation: (OK or B for binding)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Door guide cleaning: (C for cleaned)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Drive Screw: (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nut Assembly (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

NOTES:

Inspectors signature _____

IBM 29466

GEAR CASE OIL LEVEL

RSU# 7695

DATE: 4/26/17

#1 OK #2 OK #3 OK #4 OK

COMMENTS: _____

RSU# 7696

#1 OK #2 OK #3 OK #4 OK

COMMENTS: _____

	<u>A CAR</u>	<u>B CAR</u>
*ENSURE GEAR CASE BREATHERS ARE CLEANED	<u>/</u>	<u>/</u>
*CHECK GEAR CASE OIL LEVEL	<u>/</u>	<u>/</u>
*TBU'S & DBU MUST OPERATE PROPERLY, INSPECT SHOES & PADS	<u>/</u>	<u>/</u>
*INSPECT FOR WORN BRAKE SHOES: (MIN 0.5")&PADS (MIN 0.30")	<u>/</u>	<u>/</u>
*AIR COMPRESSOR: CHECK OIL LEVEL AND FOR LEAKS		<u>/</u>
*AIR COMPRESSOR: REPLACE AIR FILTERS WHEN NEEDED		<u>/</u>
*ASU Serial Number (S/N ON FRAME ABOVE TWIN TOWERS)	<u>0009000100</u>	

MECHANIC [REDACTED] IBM# 5129

SUPERVISOR [REDACTED] IBM# 22819



M7 92 Day Periodic Inspection Propulsion PIU Worksheet

Car # 7695 Test Location HMC Test Date 4/26/17

PIU Tag # _____

CTS3 Current Transducer Inspection (Ref. Step 9.1 Aux. Line Current)				Dump Valve Operational Check (Ref. Step 9.2)			
Truck	Condition	Verification Item	Pass/Fail		Test	Result	Pass/Fail
"F"- End	With 3rd rail voltage	PIU shows neg. current	PASS	"F"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	PASS		VM12 Energized	NOT Venting	PASS
"B"- End	With 3rd rail voltage	PIU shows neg. current	PASS	"B"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	PASS		VM12 Energized	NOT Venting	PASS

Air Compressor Start/Stop Test (B-Car F-End ONLY) (Ref. Step 12)		
Condition	Verification Item	Pass/Fail
Main Res <140 psi	Main Res @ 150 psi and Compressor Stops	PASS

Load Weight/Brake Pressure
(Ref. Step 11)

	F - End* (psi)	B - End* (psi)
LEFT LOAD LEVELER	66	64
RIGHT LOAD LEVELER	67	58
MAX BRAKE BCP	42	44
MIN BRAKE BCP	12	13
EMER BRAKE BCP	50	51

P WIRE
(Ref. Step 10)

MAX BRAKE (0 mA)	0
MIN BRAKE (256 - 277 mA)	268
COAST (290 - 310 mA)	300
MIN PWR (323 - 343 mA)	334
MAX PWR (485 - 515 mA)	502

* With PIU connected to PCUF, Near = "F"- End and Far = "B" - End
With PIU connected to PCUB Near = "B" - End and Far = "F" - End

Current PCU Data

	F-End	B-End
ODOMETER (MILES) (Ref. Step 13)	110,497m	110,534
POWER CONSUMPTION (KWH) (Ref. Step 14) (Motoring)	203,368 kwh	195,486 kwh

Insp. By: _____



IBM # _____

57478

M-7 92 Day PI

Coupler Cable / Intercar Jumper Inspection Form

Car# 7695

- F-End Jumper Locked.
- F-End Jumper Back Shell Tightened.
- B-End Jumper Locked.
- B-End Jumper Back Shell Tightened.
- Coupler Cable Handcuffs Installed.


Car# 7696

- F-End Jumper Locked.
- F-End Jumper Back Shell Tightened.
- B-End Jumper Locked.
- B-End Jumper Back Shell Tightened.
- Coupler Cable Handcuffs Installed.

Date: 4/20/17

Signature:

IBM#

Inspected By: 

27121

Mechanical Coupler PI Checklist

Car # 7695

Track # M5

Date 04/26/17

GO

NO- GO

Sec 3.4.1

Perform Coupling pin inspection:

Coupling pin gauge sits flush against coupler face.

Sec 3.4.2

Perform coupler head inspection:

Note: Latch must be manually wound out to install gage then manually wound in to engage latch to gage

A. Latch fully engages notched prong of gage and coupler notched prong enters gage funnel without obstruction.

B. Notch interface pin on gage does not enter prong notch on coupler.

Note: Main coupler pin and face gage must remain installed during the latch wear inspection:

Sec 3.4.4

Perform coupler latch wear inspection:

No go end of gage does not enter the gage hole in latch cover

Go end of gage fully enters gage hole in latch cover.

Sec. 3.4.3

Perform secondary alignment pin inspection:

Gage jaws do not pass over the secondary alignment pin.

Plug end of gage does not enter the secondary alignment pin hole on coupler.

Perform Carrier Iron level and HDWR check:

Inspect Carrier Iron stop hdwr for condition and ensure carrier iron is level.


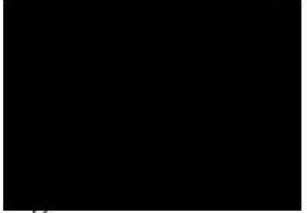
LONG ISLAND RAIL ROAD

REPORT OF CONDITION OF LOCOMOTIVES OTHER THAN STEAM EXAMINED AND TESTED

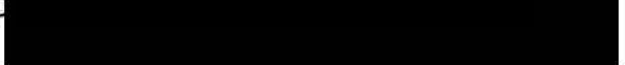
LOCATION Hmc

OUT OF SERVICE 4/26/17 TO 4/26 20

LOCO # 7695

AIR GAUGES CLEANED & TESTED	PARKING BRAKE TEST & TAG	DEAD MAN FEATURE (TEST)	UNCOUPLING CYLINDERS & LATCH MECHANISM	B3C VALVES FE & BE (TEST)	FOUNDATION BRAKE EQUIPMENT	PNEUMATIC OPERATING UNITS	CMV / EMV	LEVELING VALVES & CHECKS F/E & B/E	AIR COMPRESSOR / DRYER (TEST)	TAPPET VALVE (TEST)	MR & BP FILTERS & STAINERS (TEST)	CENTER CASTING INSPECTION	INSPECTOR'S SIGNATURE  26481
													SUPERVISORS SIGNATURE 
3	3	102	102	102	102	102	102	102	102	102	102	102	MAX MONTHS SERVICE
3	3	3	3	3	3	3	3	3	3	3	3	3	PERIODIC TEST MONTHS
4/26/17	4/26/17	4/26/17	5/6/11	4/26/17	4/8/16	5/6/11	5/6/11	4/8/16	4/26/17	4/26/17	4/26/17	5/6/11	
CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: B	CAR: A&B	CAR: A&B	CAR: A&B	

8 YEAR AIR BRAKE DATE (102 Months): Previous Date 5/6/11 New Date 

REMARKS: 

LIRR: MPL207-M7

GENERAL FOREMAN: _____



Long Island Rail Road

M3, M7 WHEEL REPORT

CAR # 7695

LOCATION: 4mc

DATE: 4-26-17

TRUCK SERIAL #	WHEEL POSITION	FLANGE HEIGHT	FLANGE THICKNESS	WHEEL THICKNESS
F/END 11522	L1	1 1/4	1 17/64	3
	R1	1 1/4	1 17/64	3
	L2	1 1/4	1 17/64	3
	R2	1 1/4	1 17/64	3
B/END 11506	L3	1 1/4	1 17/64	3
	R3	1 1/4	1 17/64	3
	L4	1 1/4	1 17/64	3
	R4	1 1/4	1 17/64	3

INSPECTED:

IBM: 21763

NOTES/REMARKS: _____

GANG FOREMAN:

IBM: 22119

NOTES/REMARKS: all wheels with in spec

M7 "B" Car Interior Decals - PI Check List

RSU: 7695

DATE: 4-26-17

✓	LIRR#	DESCRIPTION	Qty B CAR	COMMENT
	A0020	LOW LOCATION EXIT PATH MARKING, LEFT-HAND	18	
	A0025	LOW LOCATION EXIT PATH MARKING, RIGHT-HAND	21	
	A3232	DECAL, "EMERGENCY BRAKE VALVE" BRAILLE - ADA	2	
	A3233	DECAL, ADA PRIORITY SEATING	2	
	A3234	DECAL, CAR NUMBER, 2" HIGH	1	
	A3235	DECAL, DOOR WARNING	4	
	A3236	DECAL, HANDICAPPED REST ROOM	1	
	A3237	DECAL, HANDICAPPED SYMBOL	2	
	A3242	DECAL, "EMERGENCY EQUIPMENT"	1	
	A3243	DECAL, PROHIBITORY	2	
	A3244	DECAL, "DOOR DISABLED WHEN FLASHING"	4	
	A3247	DECAL, "EMERGENCY WINDOW REMOVAL", 2, 125 IN X 10 188 IN LG	3	
	A3248	DECAL, "FIRE EXTINGUISHER"	1	
	A3249	DECAL, PASSING BETWEEN CARS PROHIBITED	2	
	A3250	DECAL, WATCH YOUR STEP, RH	4	
	66955-47	DECAL, EMERGENCY DOOR RELEASE	4	
	A3256	DECAL, RH AND LH, "EMERGENCY EXIT" WINDOW, CEILING	4	
	52798-47	DECAL, DOOR, "EXIT"	8	
	A3260	EXIT DECAL, "EMERGENCY", ABOVE WINDOW	4	
	A3262	DECAL, LEFT DOOR DIRECTION	2	
	A3263	DECAL, RIGHT DOOR DIRECTION	2	
	A3264	DECAL, "EMERGENCY BRAKE VALVE" NORMAL	2	
	A3266	DECAL, "WATCH YOUR STEP", LH	4	
	A3324	DECAL, "EMERGENCY WINDOW REMOVAL", 2, 125 IN X 8 125 IN LG	1	
	A3801	EXIT PATH MARKING, LOW LOCATION, ADA FLIP-UP	3	
	A5714	EXIT PATH MARKING, LOW LOCATION, OBSERVER FLIP-UP, RIGHT-HAND	1	
	B0783	DECAL, "EXIT" RIGHT HAND WINDSCREEN	8	
	B0784	DECAL, HPPL STRIP, 12 IN LG	20	
	B0785	DECAL, HPPL STRIP, 2 750 IN LG	10	
	B0786	DECAL, "EXIT" LEFT HAND WINDSCREEN	8	
	B0789	DECAL, END DOOR LATCH	2	
	B3928	DECAL, DOG LATCH, TYPE 1	2	
	B3929	DECAL, DOG LATCH, TYPE 2	1	
	B3930	DECAL, HPPL STRIP, 10 250" LG	1	
	B7272	DECAL, INSTRUCTIONS, EMERGENCY LADDER	1	
	C3560	DECAL, EMERGENCY EVACUATION INSTRUCTIONS	12	
	52799-47	DECAL, "EXIT", RIGHT HAND	4	
	52804-47	DECAL, "EXIT", LEFT HAND	4	
	43113-47	Name plate caution Stand clear of Door	1	
	46583-47	DECAL, "WATCH THE GAP"	12	
	46290-47	DECAL, ASSAULT, TRAIN CREWMEMBERS	2	
	46584-47	DECAL, EMERGENCY INTERCOM	3	
	53978-48	DECAL, DO NOT EVACUATE	2	
	41105	[REDACTED]	1	

[REDACTED SIGNATURE]

4-26-17

PI Signature

Date

REF: MII-2031-M6 (1/17/14)

THE LONG ISLAND RAIL ROAD COMPANY
Multiple Operated Electric Units - Inspections, Cleaning and Test Record
M7 AIR BRAKE CARD

MP278-B3

Year 2017

RSU No. 7695

	Maximum Months of Service	Periodic Test Months	Previous Test	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Air Gauges (Clean & Test)	3	3	10/27/16	27			26								
Dead Man Feature Test	3	3	10/27/16	27			26								
Parking Brake Tested	3	3	10/27/16	27			26								
MR & BP FILTERS & Strainers (TEST)	102	3	10/27/16	27			26								
Uncoupling Cylinders & Latch Mechanism	102	3	5/6/11												
B-3-C Valve F/E & B/E (TEST)	102	3	10/27/16	27			26								
Foundation Brake Equipment	102	3	4/8/16												
Pneumatic Operating Units	102	3	5/6/11												
CMV / EMV	102	3	5/6/11												
Leveling Valves (F/E & B/E)	102	3	4/8/16												
Air Compressor / Dryer (TEST)	102	3	10/27/16	27			26								
Tappet Valve (TEST)	102	3	10/27/16	27			26								

8.5 Year Air Brake Date (102 Months)

Previous Date: 5/6/11

New Date:

THE LONG ISLAND RAIL ROAD COMPANY
Multiple Operated Electric Units - Inspections, Cleaning and Test Record
M7 AIR BRAKE CARD

MP278-B3

Year 2017

RSU No. 7696

	Maximum Months of Service	Periodic Test Months	Previous Test	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Air Gauges (Clean & Test)	3	3	10/27/16	27			26								
Dead Man Feature Test	3	3	10/27/16	27			26								
Parking Brake Tested	3	3	10/27/16	27			26								
MR & BP FILTERS & Strainers (TEST)	102	3	10/27/16	27			26								
Uncoupling Cylinders & Latch Mechanism	102	3	5/6/11												
B-3-C Valve F/E & B/E (TEST)	102	3	10/27/16	27			26								
Foundation Brake Equipment	102	3	4/8/16												
Pneumatic Operating Units	102	3	5/6/11												
CMV / EMV	102	3	5/6/11												
Leveling Valves (F/E & B/E)	102	3	4/8/16												
Air Compressor / Dryer (TEST)	102	3	NA												
Tappet Valve (TEST)	102	3	10/27/16	27			26								

8.5 Year Air Brake Date (102 Months)

Previous Date: 5/6/11

New Date:



U.S. Department of Transportation
Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

Locomotive Inspection and Repair Record

OMB No.2130-0004

Year: 2017		1. Operated by: Long Island Rail Road		RR Code: 0550		2. Owned by: Long Island Rail Road		RR Code: 0550	
3. Model No. M-7		4. Locomotive No.: 7696		If renumbered, Prev. No.		5. Year Built 2004		Check if new loco. <input type="checkbox"/>	
6. Propelled by: MU		7. Horsepower 1060		8. Type of Service: Passenger: <input checked="" type="checkbox"/> Road: <input checked="" type="checkbox"/> Yard: <input type="checkbox"/> Other: <input type="checkbox"/>		9. Steam Gen. a. No.:		b. Working Pressure N/A	
Type of Air Brake: KNORR		Air Dryer: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		11. Out of use Credit:		12. Last Periodic Inspection 10/27/16		10. Max. Piston Travel N/A in. a. Date b. Place HMC	
AFM CAL. 229.29(b)		92 Day Max. Interval		Previous Date: N/A		Date & Certification: N/A		Date & Certification: N/A	
Periodic Inspections				Check one: <input checked="" type="checkbox"/> 92 days per 229.23(a)		<input type="checkbox"/> 184 days per 229.23(b)(1) only			
13. Date: Mo/Day/Yr		14. Place		15. Items*		16. Person Conducting		17. Certified by	
1/27/17		HMC		1-2		[REDACTED]		[REDACTED]	
1/27/17		HMC		4-7		[REDACTED]		[REDACTED]	
4-26-17		HMC		1-2		[REDACTED]		[REDACTED]	
4-26-17		HMC		4-7		[REDACTED]		[REDACTED]	
				1-2					
				4-7					
				1-2					
				4-7					
				1-2					
				4-7					
* 15. Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen 7. Safety Appl									
TESTS		18. H&H Test Pressure DRILLED		19. Waiver Part 229 FRA-2003-16265 3 rd Rail Insulating Devices		20. Waiver - Other FRA-2003-15638 Inop/Defective Dynamic Brake FRA-2004-17099 A/B Age Exploration			
Type		Interval Not More Than:		21. Person Conducting		22. Test Date & Place		23. Certified by	
Annual Tests §229.27 (a)		368 Calendar Days							
Parking Brake §238.307 (d)(2)		368 Calendar Days		[REDACTED]		HMC 1-27-17		[REDACTED]	
Truck §238.21		3,128 Calendar Days						4/8/16 HMC	
Car Body §238.21		3,128 Calendar Days						5/6/11 HMC	
Hammer & Hydro §229.31		736 Calendar Days		N/A		DRILLED		N/A	
								DRILLED	

In accordance with the Locomotive Inspection Act, 49 USC Chapter 207 and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Certification of true copy: I certify that this is a true copy of the inspection and repair record of locomotive no. _____

Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec1001)

Officer-in-charge _____ Date _____



Year: 2017		1. Operated by: Long Island Rail Road		RR Code: 0550		2. Owned by: Long Island Rail Road		RR Code: 0550		
3. Model No. M-7		4. Locomotive No.: 7695		If renumbered, Prev. No.		5. Year Built 2004		Check if new loco. <input type="checkbox"/>		
6. Propelled by: MU		7. Horsepower 1060		8. Type of Service: Passenger <input checked="" type="checkbox"/> Road <input checked="" type="checkbox"/> Yard <input type="checkbox"/> Other <input type="checkbox"/>		9. Steam Gen. a. No.:		b. Working Pressure N/A		
Type of Air Brake: KNORR		Air Dryer: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		11. Out of use Credit:		12. Last Periodic Inspection		10. Max. Piston Travel N/A in. a. Date 10/27/16 b. Place HMC		
AFM CAL. 229.29(b)		92 Day Max. Interval		Previous Date: N/A		Date & Certification: N/A		Date & Certification: N/A		
Periodic Inspections				Check one:		<input checked="" type="checkbox"/> 92 days per 229.23(a)		<input type="checkbox"/> 184 days per 229.23(b)(1) only		
13. Date: Mo/Day/Yr		14. Place		15. Items*		16. Person Conducting		17. Certified by		
1/27/17		HMC		1-2		[REDACTED]		[REDACTED]		
1/27/17		HMC		4-7		[REDACTED]		[REDACTED]		
4-26-17		HMC		1-2		[REDACTED]		[REDACTED]		
4-26-17		HMC		4-7		[REDACTED]		[REDACTED]		
				1-2		[REDACTED]		[REDACTED]		
				4-7		[REDACTED]		[REDACTED]		
				1-2		[REDACTED]		[REDACTED]		
				4-7		[REDACTED]		[REDACTED]		
				1-2		[REDACTED]		[REDACTED]		
				4-7		[REDACTED]		[REDACTED]		
* 15. Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen 7. Safety Appl										
TESTS		18. H&H Test Pressure DRILLED			19. Waiver Part 229 FRA-2003-16265 3 rd Rail Insulating Devices			20. Waiver - Other FRA-2003-15638 Inop/Defective Dynamic Brake FRA-2004-17099 A/B Age Exploration		
Type		Interval Not More Than:			21. Person Conducting		22. Test Date & Place		23. Certified by	
Annual Tests §229.27 (a)		368 Calendar Days			[REDACTED]		[REDACTED]		[REDACTED]	
Parking Brake §238.307 (d)(2)		368 Calendar Days			[REDACTED]		HMC 1-27-17		[REDACTED]	
Truck §238.21		3,128 Calendar Days			[REDACTED]		[REDACTED]		4/8/16 HMC	
Car Body §238.21		3,128 Calendar Days			[REDACTED]		[REDACTED]		5/6/11 HMC	
Hammer & Hydro §229.31		736 Calendar Days			N/A		DRILLED		N/A	

In accordance with the Locomotive Inspection Act, 49 USC Chapter 207 and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Certification of true copy: I certify that this is a true copy of the inspection and repair record of locomotive no. _____
Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec1001)

Officer-in-charge _____ Date _____

Emergency Water Periodic Inspection Form

M7 Water Location – A & B Crew lockers or Water box underneath the B-End two seater
 M3 Water Location – Under the seat with the emergency equipment

RECORD ALL DEFECTS OF EXPIRED WATER ON THE 2C FORM

A-CAR RSU No. 7696

Date: 4-26-17

<p>NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)</p> <p style="text-align: center;"><u>4.</u></p>	<p>WATER EXPIRATION DATE:</p> <table border="1"> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> </table>	12	15	18	12	15	18	12	15	18	12	15	18
12	15	18											
12	15	18											
12	15	18											
12	15	18											

B-CAR RSU No. 7695

Date: 4-26-17

<p>NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)</p> <p style="text-align: center;"><u>1</u></p>	<p>WATER EXPIRATION DATE:</p> <table border="1"> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>9</td><td>15</td><td>20</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>	12	15	18	9	15	20						
12	15	18											
9	15	20											

Signature of Federal Inspector: 

IBM: 29863

Signature of Gang Foreman: 

IBM: 2812

1 YEAR ASU OIL, FILTER & TEST

- CAR NUMBER 7695
- CHANGE ASU OIL & CHECK LEVEL /
- REPLACE AIR FILTERS & INLINE FILTER /
- ASU Serial Number (S/N ON FRAME ABOVE TWIN TOWERS) 0009000100
- COMPLETE 1 YEAR ASU TEST PROCEDURE

Record charge up time from empty to 150 ± 2 psi.

96 sec. seconds Pass Fail

Limit: 150 seconds

Record charge up time form 120 ± 2 psi to 150 ± 2 psi.

25 sec. seconds Pass Fail

Limit: 30 seconds

MECHANIC



IBM# 51279

SUPERVISOR



IBM# 28819

COMPONENT DEFECT/REPAIR SHEET

CAR #

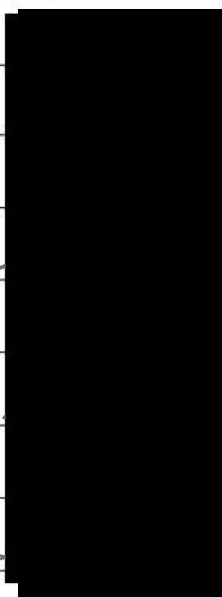
7695

SHIFT:

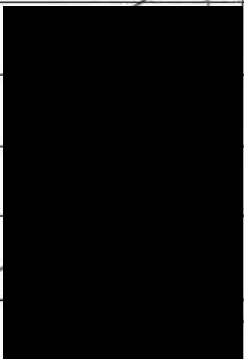
12³⁰-8³⁰

DATE:

4/20/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Cab	Window Flute	Low	NM			
RE	Buffer Stem	BRK	LUBE		50035	
Cab	RND Window	Slit	LUBE			
L	Back Cushion	Worn	OAF			
R	Seat Cushion	Worn	REPT		50035	
L	Door Floor	Bubble	SP			
L2	Seat Cushion	Worn	OAF		50035	
RE	Bridge Plate Door	NPS	Sec			
R18	Seat Cushion	A.T	Repl		50035	

SUPERVISOR'S SIGNATURE:



IBM#:

57412

COMPONENT DEFECT/REPAIR SHEET

CAR #

7695

SHIFT:

12³⁰-8³⁰

DATE:

4-20-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
R2	750 Slicker	DIRTY	Clean		50035	
la	Toilet Stand Pipe caps	NPS	Sec		50035	
la	Fresh water caps	NPS	NM			
la	Waste caps	NPS	Sec		50035	
R1	750 Slicker	DIRTY	Clean			
U	750 Slicker	DIRTY	Clean			
la	Toilet Stand Pipe caps	NPS	Sec		50035	
la	Fresh water caps	NPS	NM			
la	Waste caps	NPS	Sec		50035	
la	Gray water chain	NPS	Sec			
la	750 Slicker	DIRTY	Clean			
la	Law. Damper sleeve	NPS	Sec		50035	
la	Center Pin Sust Ring	MISS	NM			
cab	Cond Seal Lock	trap	NM			
cab	3 Cases of water	MISS	NM			
cab	Cond Window	DIRTY	LUBE		50035	
cab	COMM Door Brak	MISS	NM			

SUPERVISOR'S SIGNATURE:

IBM#:


57412

COMPONENT DEFECT/REPAIR SHEET

CAR # 7695

SHIFT: 12:30 to 8:30

DATE: 4-26-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
under car	The 1/2" scuffights in back of the HSCP#1 and HSCP#2 boxes.	NPS	See			
under car	middle elect. cables by the APS Blower cage (rubber boots)	NPS	See			
"	Like elect. cable that comes out of the top of the CTR Aux Fuse group etc., by the north side grid cage.	NPS	See			
under car	The 1/2" scuffight to the left of the CTR Aux Fuse group cover, by the north side grid cage.	PD	Paint			
under car	Various 750V signs and labels on grid cages and elect. boxes.	DIRT	Clear			
Cab	Sidibel light lens	MISS	Repl			
North side Electro locker	Various spare fuses	MISS	N/M			
"	Molding at the edge of the door (bottom)	NPS	See			
"	Elect. feed wire for the outlet	PD	N/M			
F-End	Duplex outlet cover by the cab	PD	N/M			
"	Elect. lockers both sides safety cables for the doors.	MISS	N/M			

SUPERVISOR'S SIGNATURE: _____



IBM#: _____

EP

COMPONENT DEFECT/REPAIR SHEET

CAR# 7695

SHIFT: 12:30 to 8:30

DATE: 4-26-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
#7 and #4 axles	the top ground straps that goes to the 12 o'clock brush holders.	PP	Part			
F-End	Track receivers protection board	PP	See			
"	north side junction box cover bolts	Loos	Tight			
"	Elect. coupler cables	NPS	See			
"	Labels in back of the elect. coupler box (#1)	dirt	Clear			
"	Elect. coupler pins and gasket	dirt	Clear			
F-End	Elect. coupler door	bind	FBP			
South side	Inter-car BUS Line Fuse Box and Fuse.	carb	Clear			
"	main knife switch Box	dirt	Clear			
North side	Seal/tights to the right of the Air Compressor.	NPS	See			
B-End	(IC HV) 750v. elect. jumper cables. (rubber boots)	miss	Repl			
"	(IC HV) 750v. elect. jumper cables.	PP	Part			
B-End	Elect. jumper cables (labels)	dirt	Clear			
Contact shoes under car	ALL contact shoe fuse boxes, 750V. Signs.	pp/dirt	Clear			
under car	the 5 1/2 seal/tight to the left of the CT11 Aux Fuse Group cover, by the south side grid cage.	NPS	See			
under car	the heavy elect. cables in back of the HSCB #1 and HSCB #2 boxes.	NPS	See			



SUPERVISOR'S SIGNATURE: _____



IBM#: _____

501

COMPONENT DEFECT/REPAIR SHEET

CAR # 7695

SHIFT: 12^{mc}

DATE: 9/20/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Grease	G.C Tag #1	Dirty	clean		5079	[REDACTED]
	#2					
	#3					
	#4					
	G.C Breather #1					
	#2					
	#3					
	#4					
	G.C Sight Glass #1					
	#2					
	#3					
	#4					
	Compressor ID Tag					
Grease	Compressor Sight Glass	Dirty	clean		51279	[REDACTED]
Pro	FANS	Dirty	clean		54498	
	F/E / B/E Module 1&2	Dirty	clean		54471	
APS	Blower Motor, FILTERS, & FILTER CASE	DIRT	clean	All	54471	

SUPERVISOR'S SIGNATURE: _____

IBM#: 20019



M7 92 DAY PERIODIC INSPECTION

CAR # 7695 DATE 4/20/17 SHIFT 10³⁰ SHOP JU

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14	NOTE	27121	
3	ATC		OK	55384	
4	AUX POWER (APS)	2	NOTE	54471	
5	ELECTRICAL COUPLER	4	NOTE	27121	
6	DOORS	5	✓	29466	
7	LIGHTING	12	✓NOTE	28410	
8	HVAC	8	✓	26809	
9	CONTACT SHOES	7	NOTE	27757	
10	ICC MECHANICAL	13	NOTE	29863	
11	AIR BRAKE	3	Note	26481	
12	AIR COMPRESSOR	3	✓	51279	
13	PROPULSION	1	NOTE	54478	
14	BRAKE SHOES/DISCS	3	✓	51279	
15	TOILET / CARBODY	9	NOTE	28818	
16	COMMUNICATION/DOORS	10	NOTE	21157	
17	TRACTION MOTORS	6	NOTE	54490	
18	SHOE BEAM		✓	54565	
19	COUPLER		O.K	57273	
20	TRACTION MOTOR COUPLER		✓	51279	

	GAUGE	XDUCER	P WIRE
F/E LOAD LEVELER	<u>65 69</u>	<u>66 67</u>	MAX BRAKE (0 mA) <u>0</u>
B/E LOAD LEVELER	<u>57 64</u>	<u>58 64</u>	MIN BRAKE (256-277 mA) <u>268</u>
MAX BRAKE PSI	<u>42</u>	<u>42 41</u>	COAST (290 - 310 mA) <u>300</u>
MIN BRAKE PSI	<u>11</u>	<u>12 13</u>	MIN PWR (323 - 343 mA) <u>334</u>
EMER BRAKE PSI	<u>50</u>	<u>50 51</u>	MAX PWR (485 - 515 mA) <u>502</u>
	F-END	B-END	F-END B-END
ODOMETER (MILES)	<u>110.457</u>	<u>110.534</u>	FREON LEVEL <u>L</u> <u>✓</u>
PWR CONS. (KWH)	<u>203.368</u>	<u>195.486</u>	

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# [Redacted] 28819

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4/26/17 SHIFT: 10²⁰

	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE		
Grease	G.C H4 oil drain Plus safety wire	FD	Repl		287B			
CONTACT SHOES	L2, R1 SHOE SHUNTS	FD	Repl	2	56961			
Prop	BEND CHBI TIP	CARB	clea					
	BEND LB11 TIP	X-PLAY	Repl					
	BEND PC4 CABLE connectors screws	Loose	secw					
Prop	BEND HSCB TIPS	CARB	clea					
	BEND LB13 TIP	CARB	Repl					
	BEND Loss of Speed Detection	CODE 159	Rest					
	BEND Speed Sensor Failure A/B 3	CODE 025	Rest					
	BEND Speed Sensor Failure A/B 1	CODE 023	Rest					
	FEND LB11 TIP	CARB/WL	Repl					
	FEND LB13 TIP	CARB/WL	Repl					
	FEND CHBI TIP	CARB	clea					
	FEND HSCB	CARB	clea					
	FEND BEND Filters	NM	Repl				56961	

GEAR CASE OIL: #1 OK #2 low (fls) #3 OK #4 OK

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # _____ DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

GAUGE XDUCER

P WIRE

F/E LOAD LEVELER _____ _____ MAX BRAKE (0 mA) _____

B/E LOAD LEVELER _____ _____ MIN BRAKE (256-277 mA) _____

MAX BRAKE PSI _____ _____ COAST (290 - 310 mA) _____

MIN BRAKE PSI _____ _____ MIN PWR (323 - 343 mA) _____

EMER BRAKE PSI _____ _____ MAX PWR (485 - 515 mA) _____

F-END B-END

F-END B-END

ODOMETER (MILES) _____ _____ FREON LEVEL _____ _____

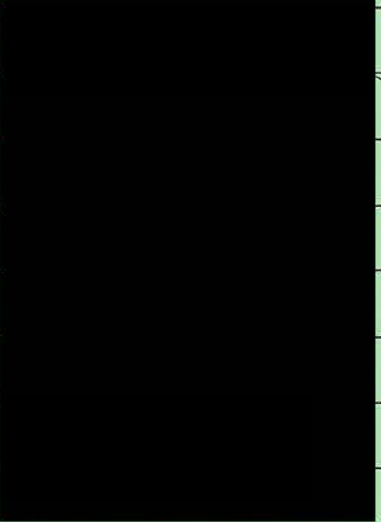
PWR CONS. (KWH) _____ _____

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4/26/17 SHIFT: 1230

	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
APS	KNIFE SWITCH COMPARTMENT	DIRT	Clea		56961	
↓	FILTER CAGE MOUNTING BOLTS	MMH	Nm			
↓	AUX INVERT COVER & BOLTS	NPS	Secd			
↓	DOTLET COVER IN CAB	PO	Repd			
↓	" " " F/E Vest	LOOS	Secd			
APS	LAMP IN ELLI LOCKER	INOP	Nm			
Lights	Gimble Light (cabside)	INOP	Repd		56961	

GEAR CASE OIL: #1 _____ #2 _____ #3 _____ #4 _____

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # _____ DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

	GAUGE	XDUCER		P WIRE
F/E LOAD LEVELER	_____	_____		MAX BRAKE (0 mA) _____
B/E LOAD LEVELER	_____	_____		MIN BRAKE (256-277 mA) _____
MAX BRAKE PSI	_____	_____		COAST (290 - 310 mA) _____
MIN BRAKE PSI	_____	_____		MIN PWR (323 - 343 mA) _____
EMER BRAKE PSI	_____	_____		MAX PWR (485 - 515 mA) _____
	F-END	B-END		F-END B-END
ODOMETER (MILES)	_____	_____		FREON LEVEL _____
PWR CONS. (KWH)	_____	_____		

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7695 DATE: 4.26.17 SHIFT: 12³⁰-8³⁰

MOTORS	COMPONENT & DESCRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
↑	FIE B/E MOTOR CLEATS	NPS	Seco		56961	[REDACTED]
	AXLE 1 6 ⁰⁰ CLEAT	LOOS	Seco			
	AXLE 2 2 ⁰⁰ GND	FRAY	Reed			
↓	AXLE 3 6 ⁰⁰ CLEAT	LOOS	Seco			
MOTORS	AXLE 4 3 ⁰⁰ GND	IBD	Insd		56961	[REDACTED]
TOILET	N/S FILL LINE SINK UP	MISS	NM			[REDACTED]
	N/S FILL LINE TOILET UP	MISS	NM			
	N/S RINSE LINE UP	MISS	NM			
	S/S FILL LINE SINK UP	MISS	NM			
	S/S FILL LINE TOILET UP	MISS	NM			
	BATHROOM DOOR	DAD!	ADJ		27904	
	TVPSA BOX	NPS	Sec		↑	
	ALL WASTE CAPS	NPS	Sec		↓	
TOILET	WATER/AIR VALVS	OFF	ON		27904	
DOORS	windshield heater light	INDP	Reed		56961	
1	1-2 Door lights O/S	Dull	ADJ		56961	

GEAR CASE OIL: #1 _____ #2 _____ #3 _____ #4 _____

SUPERVISOR'S SIGNATURE: _____ IBM #: _____



M7 92 DAY PERIODIC INSPECTION

CAR # 7695 DATE _____ SHIFT _____ SHOP _____

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14			
3	ATC				
4	AUX POWER (APS)	2			
5	ELECTRICAL COUPLER	4			
6	DOORS	5			
7	LIGHTING	12			
8	HVAC	8			
9	CONTACT SHOES	7			
10	ICC MECHANICAL	13			
11	AIR BRAKE	3			
12	AIR COMPRESSOR	3			
13	PROPULSION	1			
14	BRAKE SHOES/DISCS	3			
15	TOILET / CARBODY	9			
16	COMMUNICATION/DOORS	10			
17	TRACTION MOTORS	6			
18	SHOE BEAM				
19	COUPLER				
20	TRACTION MOTOR COUPLER				

	GAUGE	XDUCER		P WIRE
F/E LOAD LEVELER	_____	_____		MAX BRAKE (0 mA) _____
B/E LOAD LEVELER	_____	_____		MIN BRAKE (256-277 mA) _____
MAX BRAKE PSI	_____	_____		COAST (290 - 310 mA) _____
MIN BRAKE PSI	_____	_____		MIN PWR (323 - 343 mA) _____
EMER BRAKE PSI	_____	_____		MAX PWR (485 - 515 mA) _____
	F-END	B-END		F-END B-END
ODOMETER (MILES)	_____	_____		FREON LEVEL _____
PWR CONS. (KWH)	_____	_____		

THE ABOVE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENT MAINTENANCE GUIDELINES.

SUPERVISOR'S SIGNATURE & IBM# _____

ATC 92 Day Inspection - M-7 Equipment

Test Location: HMC		A Car No.: 7696	Type of Test: Periodic	Road Failure
Date: 4/26/17		B Car No.: 7695		
4.1- ATC Initial Inspection (B Car)			4.1- Initial Inspection (A Car)	
ATC Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	ADU	<input checked="" type="radio"/> OK	ADU <input checked="" type="radio"/> OK
SS Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	ODU	<input checked="" type="radio"/> OK	ODU <input checked="" type="radio"/> OK
ALE Bypass initial position	<input checked="" type="radio"/> Normal / <input type="radio"/> Bypass	Acknowledge Switch	<input checked="" type="radio"/> OK	Acknowledge Switch <input checked="" type="radio"/> OK
ATC Cabinet	<input checked="" type="radio"/> OK	Deadman Foot Pedal	<input checked="" type="radio"/> OK	Deadman Foot Pedal <input checked="" type="radio"/> OK
4.1- Equipment Dates		4.1 - Software Version		4.2- Track Receiver Inspection
USBR Relay (B Car)	DATE (Y-M-D) 17-4-6	ATC	Ver: 4.3	B Car Left Side (7.5 to 8.5) <input checked="" type="radio"/> OK 8.0 inch
ATCEBR Relay (B Car)	DATE (Y-M-D) 17-4-6	DEC (Decoder)	Ver: 0.3	B Car Right Side (7.5 to 8.5) <input checked="" type="radio"/> OK 8.0 inch
VZR1 Relay (B Car)	DATE (Y-M-D) 17-4-6	ALE (Alerter)	Ver: 0.8	A Car Left Side (7.5 to 8.5) <input checked="" type="radio"/> OK 7.75 inch
CMR Relay (B Car)	DATE (Y-M-D) 17-4-6	Speed Sensing	Ver: 1.8	A Car Right Side (7.5 to 8.5) <input checked="" type="radio"/> OK 7.75 inch
CMR Relay (A Car)	DATE (Y-M-D) 17-3-27			
4.3 - ATC Resistance Test			4.3 - Speed Sensor Resistance Test	
Higher than 1 Megohm	<input checked="" type="radio"/> Yes / <input type="radio"/> No		SS1 (1800 +/- 270 Ohms)	<input checked="" type="radio"/> OK 1812 Ohms
If no, list the test points:			SS2 (1800 +/- 270 Ohms)	<input checked="" type="radio"/> OK 1838 Ohms
4.4 - ATC Voltage Test				
Battery Voltage V +29 (+/- 3.0)	Vdc 29.2	CPS Brd V +31.5 (+/- 1.5)	Vdc 31.6	CPS Board V +12 (+/- 1.0)
CPS Board V +5 (+/- 0.25)	Vdc 5.1	CPS Board V -12 (+/- 1.0)	Vdc -12.0	Vdc 11.9
4.5 - B Car Decoder Calibration		4.5 - Speed Sensing Cal.		4.14 - A Car Decoder Calibration
Low Energy Channel		Wheel dia. axle 2 (measured)	36.0 inch	Low Energy Channel
Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	Wheel dia. axle 2 (CPU board)	36.0 inch	Re-calibrated?
Pick up current (2.25 to 2.55 A)	Amper: 2.40	Wheel dia. axle 3 (measured)	36.0 inch	Pick up current (2.25 to 2.55 A)
High Energy Channel		Wheel dia. axle 3 (CPU board)	36.0 inch	High Energy Channel
Re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	6.5 - Decelerometer Cal.		Re-calibrated?
Calibration current (< 2.80A)	Amper: 2.70	Decel. re-calibrated?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	Calibration current (< 2.80A)
- Testing (B Car)			- Testing (A Car)	
4.6 - No Motion Test	Tested <input checked="" type="radio"/> OK			
4.7 - ATC Lamp Test	Tested <input checked="" type="radio"/> OK		4.15 - ATC Lamp Test	Tested <input checked="" type="radio"/> OK
4.8 - Daily Test	Tested <input checked="" type="radio"/> OK		4.16 - Daily Test	Tested <input checked="" type="radio"/> OK
• Speed Control Brake application	Tested <input checked="" type="radio"/> OK		• Speed Control Brake application	Tested <input checked="" type="radio"/> OK
• Penalty Brake Application	Tested <input checked="" type="radio"/> OK		• Penalty Brake Application	Tested <input checked="" type="radio"/> OK
• Emergency Brake Application	Tested <input checked="" type="radio"/> OK		• Emergency Brake Application	Tested <input checked="" type="radio"/> OK
4.9 - Deadman Test	Tested <input checked="" type="radio"/> OK		4.17 - Deadman Test	Tested <input checked="" type="radio"/> OK
4.10 - Alerter Test	Tested <input checked="" type="radio"/> OK		4.18 - Alerter Test	Tested <input checked="" type="radio"/> OK
4.11 - SECO Test	Tested <input checked="" type="radio"/> OK		4.19 - SECO Test	Tested <input checked="" type="radio"/> OK
4.12 - ATC Bypass Test	Tested <input checked="" type="radio"/> OK		4.20 - ATC Trail Mode test	Tested <input checked="" type="radio"/> OK
4.13 - Speed Sensing Bypass Test	Tested <input checked="" type="radio"/> OK		4.21 - ATC Final Inspection	Done <input checked="" type="radio"/> OK
Remarks:				
Inspected By: [Redacted]	Adjust. made by: [Redacted]	Multimeter	ATC Test Set	Form: MP-362 (M7-MicroCab)
IB#: 55384	IB#: 55384	Calibration Date: 9/26/16	Calibration Date: 4/5/17	Revision: - Page 1 of 2
		Serial Number: 01965	Serial Number: 80105	Issued/Revised: 3/4/10 Log File attached <input checked="" type="radio"/> Yes / <input type="radio"/> No

NOTE: This Form shall be used for Periodic Inspections and after Road Failures. All Testing to be in accord with the latest revision of MIL-2018-E8. PLEASE NOTE: TO ENSURE THAT YOU ARE UTILIZING THE LATEST APPROVED VERSION OF THIS DOCUMENT, PLEASE REFER TO THE LIRR M OF E FILENET SYSTEM AND, IF REQUIRED, PRINT THE LATEST APPROVED DOCUMENT FOR YOUR USE, OR CONTACT THE OFFICE OF EQUIPMENT ENGINEERING FOR THE LATEST APPROVED DOCUMENT

M-7 92 DAY TOILET PI CHECKSHEET

RSU# 7695

DATE: 4/26/17

		YES	NO
1.1	Initial condition of toilet system		
1.1.1	Toilet is working property	/	
1.1.2	Toilet needs service but no other faults exist	/	
1.1.3	Toilet is INOP		/
2.1	Clean Pressure Transducer Manifold		
2.1.1	Pressure inside intermediate tank.	/	
2.1.2	Debris removed @ pressure transducer & pressure switch inlets.	/	
2.2	Discharge valve #1		
2.2.1.1	Manifold block tight	/	
2.2.1.2	Solenoid valve mounting screw tight.	/	
2.2.1	Mounting screw tightened using Loctite #242 As required	/	
2.3	Discharge Valve #1 Proximity sensor		
2.3.1	Verify DV#1 opens and closes during normal Flush cycle.	/	
2.3.2	Verify proximity sensor reads metallic bracket.	/	
2.3.3	Proximity sensor adjusted.	/	
2.4	Oil Canister Verification		
2.4.1.1	Oil canister is in place	/	
2.4.1.2	Oil canister check valve is property placed	/	
2.4.2	Oil canister Activation Date		n
2.4.3	Oil level is within proper level	/	
2.4.4	Oil line from canister to DV#1 is charged	/	
2.5	3/8 Check Valve		
2.5.1.1	3 Spray nozzles operate correctly	/	
2.5.1.2	Spray nozzles cleaned	/	
2.5.1.3	Water Passes through nozzles after cycle is complete	/	
2.6	Function Test (cycles)		
2.6.2	Unit is fully functional	/	
2.7	Function Test (DV #1)		

M-7 92 DAY DOOR PI (ELECTRICAL)

DATE: 4/26/17

CAR# 7695-6

	CAB SIDE	NON-CAB
1. DOOR CONTROL PANEL.		
1.1 KEY SWITCH TEST.	<input type="checkbox"/>	<input type="checkbox"/>
1.2 LAMP TEST.	<input type="checkbox"/>	<input type="checkbox"/>
1.3 BUZZER. (AUDIBLE)	<input type="checkbox"/>	<input type="checkbox"/>
1.4 OPEN & CLOSE BUTTONS. (ALL DOORS)	<input type="checkbox"/>	<input type="checkbox"/>
1.5 DOOR CLOSING BELL & PRECLOSE.	<input type="checkbox"/>	<input type="checkbox"/>
1.6 PARTIAL OPEN FUNCTION.	<input type="checkbox"/>	<input type="checkbox"/>
1.7 DOOR OVERRIDE.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. INDIVIDUAL DOOR LOCATION.		
2.1 INTERIOR & EXTERIOR LIGHTS.	<input type="checkbox"/>	<input type="checkbox"/>
2.2 INTERIOR & EXTERIOR CREW SWITCHES.	<input type="checkbox"/>	<input type="checkbox"/>
2.3 MECHANICAL LOCK CLOSE LIGHT. (DCM)	<input type="checkbox"/>	<input type="checkbox"/>
2.4 MOTOR CUTOUT SWITCH.	<input type="checkbox"/>	<input type="checkbox"/>
2.5 IN& EXT DOOR DISABLE LIGHT. (DCM)	<input type="checkbox"/>	<input type="checkbox"/>
2.6 TSCU FUNCTIONALITY.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. DOOR CONTROL MODULE. (DCM)		
3.1 NO ACTIVE FAULTS LIGHT.	<input type="checkbox"/>	<input type="checkbox"/>
3.2 OPEN & CLOSE NO INTERMITTENT FAULT.	<input type="checkbox"/>	<input type="checkbox"/>
3.3 WIRE HARNESS INSPECTION.	<input type="checkbox"/>	<input type="checkbox"/>
3.4 MOUNTING BOLTS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SIGNATURE & IBM#



2/1/17

Mechanical Door PI Checklist

Car # 7695

Track: _____

Date 4/24/17

	R1	L1	R2	L2
Emergency handle clips: (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Emergency handle operations: (OK or B for Binding)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Male Nose rubber condition: (OK, R for reinstalled or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Female Nose rubber condition: (OK, R for reinstalled or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Barrel lock operation: (OK or Inop)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mechanical lock operation: (OK or B for binding)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Door guide cleaning: (C for cleaned)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Drive Screw: (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nut Assembly (OK or D for damaged)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

NOTES:

Inspectors signature _____

IBM 29466

GEAR CASE OIL LEVEL

RSU# 7695

DATE: 4/26/17

#1 OK #2 OK #3 OK #4 OK

COMMENTS: _____

RSU# 7696

#1 OK #2 OK #3 OK #4 OK

COMMENTS: _____

	<u>A CAR</u>	<u>B CAR</u>
*ENSURE GEAR CASE BREATHERS ARE CLEANED	<u>/</u>	<u>/</u>
*CHECK GEAR CASE OIL LEVEL	<u>/</u>	<u>/</u>
*TBU'S & DBU MUST OPERATE PROPERLY, INSPECT SHOES & PADS	<u>/</u>	<u>/</u>
*INSPECT FOR WORN BRAKE SHOES: (MIN 0.5")&PADS (MIN 0.30")	<u>/</u>	<u>/</u>
*AIR COMPRESSOR: CHECK OIL LEVEL AND FOR LEAKS		<u>/</u>
*AIR COMPRESSOR: REPLACE AIR FILTERS WHEN NEEDED		<u>/</u>
*ASU Serial Number (S/N ON FRAME ABOVE TWIN TOWERS)	<u>00090001C0</u>	

MECHANIC [REDACTED] IBM# 5129

SUPERVISOR [REDACTED] IBM# 22219



M7 92 Day Periodic Inspection Propulsion PIU Worksheet

Car # 7695 Test Location HMC Test Date 4/26/17

PIU Tag # _____

CTS3 Current Transducer Inspection (Ref. Step 9.1 Aux. Line Current)				Dump Valve Operational Check (Ref. Step 9.2)			
Truck	Condition	Verification Item	Pass/Fail		Test	Result	Pass/Fail
"F"- End	With 3rd rail voltage	PIU shows neg. current	PASS	"F"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	PASS		VM12 Energized	NOT Venting	PASS
"B"- End	With 3rd rail voltage	PIU shows neg. current	PASS	"B"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	PASS		VM12 Energized	NOT Venting	PASS

Air Compressor Start/Stop Test (B-Car F-End ONLY) (Ref. Step 12)		
Condition	Verification Item	Pass/Fail
Main Res <140 psi	Main Res @ 150 psi and Compressor Stops	PASS

Load Weight/Brake Pressure
(Ref. Step 11)

	F - End* (psi)	B - End* (psi)
LEFT LOAD LEVELER	66	64
RIGHT LOAD LEVELER	67	58
MAX BRAKE BCP	42	44
MIN BRAKE BCP	12	13
EMER BRAKE BCP	50	51

P WIRE
(Ref. Step 10)

MAX BRAKE (0 mA)	0
MIN BRAKE (256 - 277 mA)	268
COAST (290 - 310 mA)	300
MIN PWR (323 - 343 mA)	334
MAX PWR (485 - 515 mA)	502

* With PIU connected to PCUF, Near = "F"- End and Far = "B" - End
With PIU connected to PCUB Near = "B" - End and Far = "F" - End

Current PCU Data

	F-End	B-End
ODOMETER (MILES) (Ref. Step 13)	110,497m	110,534
POWER CONSUMPTION (KWH) (Ref. Step 14) (Motoring)	203.368 kwh	195,486 kwh

Insp. By:

IBM # 57478

M-7 92 Day PI

Coupler Cable / Intercar Jumper Inspection Form

Car# 7695

- F-End Jumper Locked.
- F-End Jumper Back Shell Tightened.
- B-End Jumper Locked.
- B-End Jumper Back Shell Tightened.
- Coupler Cable Handcuffs Installed.

Car# 7696

- F-End Jumper Locked.
- F-End Jumper Back Shell Tightened.
- B-End Jumper Locked.
- B-End Jumper Back Shell Tightened.
- Coupler Cable Handcuffs Installed.

Date: 4/20/17

Signature:

IBM#

Inspected By: 

27121

Mechanical Coupler PI Checklist

Car # 7695

Track # M5

Date 04/26/17

GO

NO- GO

Sec 3.4.1

Perform Coupling pin inspection:

Coupling pin gauge sits flush against coupler face.

Sec 3.4.2

Perform coupler head inspection:

Note: Latch must be manually wound out to install gage then manually wound in to engage latch to gage

A. Latch fully engages notched prong of gage and coupler notched prong enters gage funnel without obstruction.

B. Notch interface pin on gage does not enter prong notch on coupler.

Note: Main coupler pin and face gage must remain installed during the latch wear inspection:

Sec 3.4.4

Perform coupler latch wear inspection:

No go end of gage does not enter the gage hole in latch cover

Go end of gage fully enters gage hole in latch cover.

Sec. 3.4.3

Perform secondary alignment pin inspection:

Gage jaws do not pass over the secondary alignment pin.

Plug end of gage does not enter the secondary alignment pin hole on coupler.

Perform Carrier Iron level and HDWR check:

Inspect Carrier Iron stop hdwr for condition and ensure carrier iron is level.


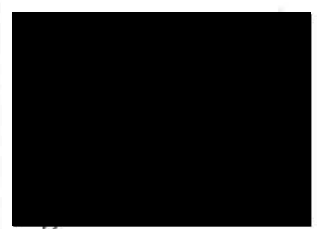
LONG ISLAND RAIL ROAD

REPORT OF CONDITION OF LOCOMOTIVES OTHER THAN STEAM EXAMINED AND TESTED

LOCATION Hmc

OUT OF SERVICE 4/26/17 TO 4/26 20

LOCO # 7695

AIR GAUGES CLEANED & TESTED	PARKING BRAKE TEST & TAG	DEAD MAN FEATURE (TEST)	UNCOUPLING CYLINDERS & LATCH MECHANISM	B3C VALVES FE & BE (TEST)	FOUNDATION BRAKE EQUIPMENT	PNEUMATIC OPERATING UNITS	CMV / EMV	LEVELING VALVES & CHECKS F/E & B/E	AIR COMPRESSOR / DRYER (TEST)	TAPPET VALVE (TEST)	MR & BP FILTERS & STAINERS (TEST)	CENTER CASTING INSPECTION	INSPECTOR'S SIGNATURE  26481
													SUPERVISORS SIGNATURE 
3	3	102	102	102	102	102	102	102	102	102	102	102	MAX MONTHS SERVICE
3	3	3	3	3	3	3	3	3	3	3	3	3	PERIODIC TEST MONTHS
4/26/17	4/26/17	4/26/17	5/6/11	4/26/17	4/8/16	5/6/11	5/6/11	4/8/16	4/26/17	4/26/17	4/26/17	5/6/11	
CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: A&B	CAR: B	CAR: A&B	CAR: A&B	CAR: A&B	

8 YEAR AIR BRAKE DATE (102 Months): Previous Date 5/6/11 New Date 

REMARKS: _____

LIRR: MPL207-M7

GENERAL FOREMAN: _____



Long Island Rail Road

M3, M7 WHEEL REPORT

CAR # 7695

LOCATION: 4mc

DATE: 4-26-17

TRUCK SERIAL #	WHEEL POSITION	FLANGE HEIGHT	FLANGE THICKNESS	WHEEL THICKNESS
F/END <i>11522</i>	L1	1 1/4	1 7/64	3
	R1	1 1/4	1 7/64	3
	L2	1 1/4	1 7/64	3
	R2	1 1/4	1 7/64	3
B/END <i>11506</i>	L3	1 1/4	1 7/64	3
	R3	1 1/4	1 7/64	3
	L4	1 1/4	1 7/64	3
	R4	1 1/4	1 7/64	3

INSPECTED:

IBM: 21763

NOTES/REMARKS: _____

GANG FOREMAN:

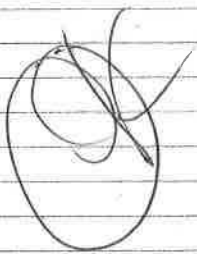

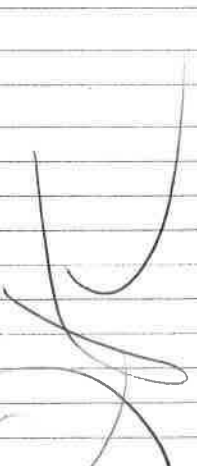
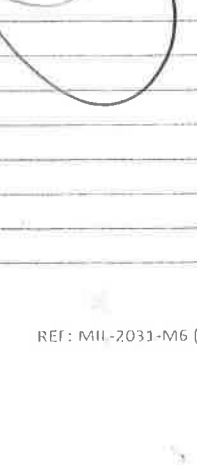
IBM: 22819

NOTES/REMARKS: all wheels with in spec

M7 "B" Car Interior Decals - PI Check List

RSU: 7695

DATE: 4-26-17

✓	LIRR#	DESCRIPTION	Qty B CAR	COMMENT
	A0020	LOW LOCATION EXIT PATH MARKING, LEFT-HAND	18	
	A0025	LOW LOCATION EXIT PATH MARKING, RIGHT-HAND	21	
	A3232	DECAL, "EMERGENCY BRAKE VALVE" BRAILLE - ADA	2	
	A3233	DECAL, ADA PRIORITY SEATING	2	
	A3234	DECAL, CAR NUMBER, 2" HIGH	1	
	A3235	DECAL, DOOR WARNING	4	
	A3236	DECAL, HANDICAPPED REST ROOM	1	
	A3237	DECAL, HANDICAPPED SYMBOL	2	
	A3242	DECAL, "EMERGENCY EQUIPMENT"	1	
	A3243	DECAL, PROHIBITORY	2	
	A3244	DECAL, "DOOR DISABLED WHEN FLASHING"	4	
	A3247	DECAL, "EMERGENCY WINDOW REMOVAL", 2, 125 IN X 10 188 IN LG	3	
	A3248	DECAL, "FIRE EXTINGUISHER"	1	
	A3249	DECAL, PASSING BETWEEN CARS PROHIBITED	2	
	A3250	DECAL, WATCH YOUR STEP, RH	4	
	66955-47	DECAL, EMERGENCY DOOR RELEASE	4	
	A3256	DECAL, RH AND LH, "EMERGENCY EXIT" WINDOW, CEILING	4	
	52798-47	DECAL, DOOR, "EXIT"	8	
	A3260	EXIT DECAL, "EMERGENCY", ABOVE WINDOW	4	
	A3262	DECAL, LEFT DOOR DIRECTION	2	
	A3263	DECAL, RIGHT DOOR DIRECTION	2	
	A3264	DECAL, "EMERGENCY BRAKE VALVE" NORMAL	2	
	A3266	DECAL, "WATCH YOUR STEP", LH	4	
	A3324	DECAL, "EMERGENCY WINDOW REMOVAL", 2, 125 IN X 8 125 IN LG	1	
	A3801	EXIT PATH MARKING, LOW LOCATION, ADA FLIP-UP	3	
	A5714	EXIT PATH MARKING, LOW LOCATION, OBSERVER FLIP-UP, RIGHT-HAND	1	
	B0783	DECAL, "EXIT" RIGHT HAND WINDSCREEN	8	
	B0784	DECAL, HPPL STRIP, 12 IN LG	20	
	B0785	DECAL, HPPL STRIP, 2 750 IN LG	10	
	B0786	DECAL, "EXIT" LEFT HAND WINDSCREEN	8	
	B0789	DECAL, END DOOR LATCH	2	
	B3928	DECAL, DOG LATCH, TYPE 1	2	
	B3929	DECAL, DOG LATCH, TYPE 2	1	
	B3930	DECAL, HPPL STRIP, 10 250" LG	1	
	B7272	DECAL, INSTRUCTIONS, EMERGENCY LADDER	1	
	C3560	DECAL, EMERGENCY EVACUATION INSTRUCTIONS	12	
	52799-47	DECAL, "EXIT", RIGHT HAND	4	
	52804-47	DECAL, "EXIT", LEFT HAND	4	
	43113-47	Name plate caution Stand clear of Door	1	
	46583-47	DECAL, "WATCH THE GAP"	12	
	46290-47	DECAL, ASSAULT, TRAIN CREWMEMBERS	2	
	46584-47	DECAL, EMERGENCY INTERCOM	3	
	53978-48	DECAL, DO NOT EVACUATE	2	
	41105	[REDACTED]	1	

[REDACTED SIGNATURE]

4-26-17

PI Signature

Date

REF: MII-2031-M6 (1/17/14)

THE LONG ISLAND RAIL ROAD COMPANY
Multiple Operated Electric Units - Inspections, Cleaning and Test Record
M7 AIR BRAKE CARD

MP278-B3

Year 2017

RSU No. 7695

	Maximum Months of Service	Periodic Test Months	Previous Test	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Air Gauges (Clean & Test)	3	3	10/27/16	27			26								
Dead Man Feature Test	3	3	10/27/16	27			26								
Parking Brake Tested	3	3	10/27/16	27			26								
MR & BP FILTERS & Strainers (TEST)	102	3	10/27/16	27			26								
Uncoupling Cylinders & Latch Mechanism	102	3	5/6/11												
B-3-C Valve F/E & B/E (TEST)	102	3	10/27/16	27			26								
Foundation Brake Equipment	102	3	4/8/16												
Pneumatic Operating Units	102	3	5/6/11												
CMV / EMV	102	3	5/6/11												
Leveling Valves (F/E & B/E)	102	3	4/8/16												
Air Compressor / Dryer (TEST)	102	3	10/27/16	27			26								
Tappet Valve (TEST)	102	3	10/27/16	27			26								

8.5 Year Air Brake Date (102 Months)

Previous Date: 5/6/11

New Date:

THE LONG ISLAND RAIL ROAD COMPANY
Multiple Operated Electric Units - Inspections, Cleaning and Test Record
M7 AIR BRAKE CARD

MP278-B3

Year 2017

RSU No. 7696

	Maximum Months of Service	Periodic Test Months	Previous Test	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Air Gauges (Clean & Test)	3	3	10/27/16	27			26								
Dead Man Feature Test	3	3	10/27/16	27			26								
Parking Brake Tested	3	3	10/27/16	27			26								
MR & BP FILTERS & Strainers (TEST)	102	3	10/27/16	27			26								
Uncoupling Cylinders & Latch Mechanism	102	3	5/6/11												
B-3-C Valve F/E & B/E (TEST)	102	3	10/27/16	27			26								
Foundation Brake Equipment	102	3	4/8/16												
Pneumatic Operating Units	102	3	5/6/11												
CMV / EMV	102	3	5/6/11												
Leveling Valves (F/E & B/E)	102	3	4/8/16												
Air Compressor / Dryer (TEST)	102	3	NA												
Tappet Valve (TEST)	102	3	10/27/16	27			26								

8.5 Year Air Brake Date (102 Months)

Previous Date: 5/6/11

New Date:



Year: 2017		1. Operated by: Long Island Rail Road		RR Code: 0550	2. Owned by: Long Island Rail Road		RR Code: 0550
3. Model No. M-7		4. Locomotive No.: 7696		If renumbered, Prev. No.		5. Year Built 2004	
6. Propelled by: MU		7. Horsepower 1060	8. Type of Service: Passenger: <input checked="" type="checkbox"/> Road: <input checked="" type="checkbox"/> Yard: <input type="checkbox"/> Other: <input type="checkbox"/>		9. Steam Gen. a. No.:		b. Working Pressure N/A
Type of Air Brake: KNORR		Air Dryer: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		11. Out of use Credit:		12. Last Periodic Inspection a. Date: 10/27/16 b. Place: HMC	
AFM CAL. 229.29(b)	92 Day Max. Interval		Previous Date: N/A	Date & Certification: N/A	Date & Certification: N/A	Date & Certification: N/A	Date & Certification: N/A
Periodic Inspections			Check one: <input checked="" type="checkbox"/> 92 days per 229.23(a)		<input type="checkbox"/> 184 days per 229.23(b)(1) only		
13. Date: Mo/Day/Yr	14. Place	15. Items*	16. Person Conducting	15. Items*	16. Person Conducting	17. Certified by	
1/27/17	HMC	1-2	[REDACTED]	3-5	[REDACTED]	[REDACTED]	
1/27/17	HMC	4-7	[REDACTED]			[REDACTED]	
4-26-17	HMC	1-2	[REDACTED]	3-5	[REDACTED]	[REDACTED]	
4-26-17	HMC	4-7	[REDACTED]			[REDACTED]	
		1-2		3-5			
		4-7					
		1-2		3-5			
		4-7					
		1-2		3-5			
		4-7					
* 15. Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen 7. Safety Appl							
TESTS		18. H&H Test Pressure DRILLED		19. Waiver Part 229 FRA-2003-16265 3 rd Rail Insulating Devices		20. Waiver - Other FRA-2003-15638 Inop/Defective Dynamic Brake FRA-2004-17099 A/B Age Exploration	
Type		Interval Not More Than:		21. Person Conducting	22. Test Date & Place	23. Certified by	24. Previous Test Date & Place
Annual Tests §229.27 (a)		368 Calendar Days					
Parking Brake §238.307 (d)(2)		368 Calendar Days		[REDACTED]	HMC 1-27-17	[REDACTED]	10/27/16
Truck §238.21		3,128 Calendar Days					4/8/16 HMC
Car Body §238.21		3,128 Calendar Days					5/6/11 HMC
Hammer & Hydro §229.31		736 Calendar Days		N/A	DRILLED	N/A	DRILLED

In accordance with the Locomotive Inspection Act, 49 USC Chapter 207 and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Certification of true copy: I certify that this is a true copy of the inspection and repair record of locomotive no. _____

Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec1001)

Officer-in-charge _____ Date _____



Year: 2017		1. Operated by: Long Island Rail Road		RR Code: 0550		2. Owned by: Long Island Rail Road		RR Code: 0550		
3. Model No. M-7		4. Locomotive No.: 7695		If renumbered, Prev. No.		5. Year Built 2004		Check if new loco. <input type="checkbox"/>		
6. Propelled by: MU		7. Horsepower 1060		8. Type of Service: Passenger <input checked="" type="checkbox"/> Road <input checked="" type="checkbox"/> Yard <input type="checkbox"/> Other <input type="checkbox"/>		9. Steam Gen. a. No.:		b. Working Pressure N/A		
Type of Air Brake: KNORR		Air Dryer: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		11. Out of use Credit:		12. Last Periodic Inspection		10. Max. Piston Travel N/A in. a. Date 10/27/16 b. Place HMC		
AFM CAL. 229.29(b)		92 Day Max. Interval		Previous Date: N/A		Date & Certification: N/A		Date & Certification: N/A		
Periodic Inspections				Check one:		<input checked="" type="checkbox"/> 92 days per 229.23(a)		<input type="checkbox"/> 184 days per 229.23(b)(1) only		
13. Date: Mo/Day/Yr		14. Place		15. Items*		16. Person Conducting		17. Certified by		
1/27/17		HMC		1-2		[REDACTED]		[REDACTED]		
1/27/17		HMC		4-7		[REDACTED]		[REDACTED]		
4-26-17		HMC		1-2		[REDACTED]		[REDACTED]		
4-26-17		HMC		4-7		[REDACTED]		[REDACTED]		
				1-2						
				4-7						
				1-2						
				4-7						
				1-2						
				4-7						
* 15. Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen 7. Safety Appl										
TESTS		18. H&H Test Pressure DRILLED			19. Waiver Part 229 FRA-2003-16265 3 rd Rail Insulating Devices			20. Waiver - Other FRA-2003-15638 Inop/Defective Dynamic Brake FRA-2004-17099 A/B Age Exploration		
Type		Interval Not More Than:			21. Person Conducting		22. Test Date & Place		23. Certified by	
Annual Tests §229.27 (a)		368 Calendar Days								
Parking Brake §238.307 (d)(2)		368 Calendar Days			[REDACTED]		HMC 1-27-17		[REDACTED]	
Truck §238.21		3,128 Calendar Days							4/8/16 HMC	
Car Body §238.21		3,128 Calendar Days							5/6/11 HMC	
Hammer & Hydro §229.31		736 Calendar Days			N/A		DRILLED		N/A	

In accordance with the Locomotive Inspection Act, 49 USC Chapter 207 and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Certification of true copy: I certify that this is a true copy of the inspection and repair record of locomotive no. _____
Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec1001)

Officer-in-charge _____ Date _____



Emergency Water Periodic Inspection Form

M7 Water Location – A & B Crew lockers or Water box underneath the B-End two seater
M3 Water Location – Under the seat with the emergency equipment

RECORD ALL DEFECTS OF EXPIRED WATER ON THE 2C FORM

A-CAR RSU No. 7696

Date: 4-26-17

<p>NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)</p> <p style="text-align: center;"><u>4.</u></p>	<p>WATER EXPIRATION DATE:</p> <table border="1"> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>12</td><td>15</td><td>18</td></tr> </table>	12	15	18	12	15	18	12	15	18	12	15	18
12	15	18											
12	15	18											
12	15	18											
12	15	18											

B-CAR RSU No. 7695

Date: 4-26-17

<p>NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)</p> <p style="text-align: center;"><u>1</u></p>	<p>WATER EXPIRATION DATE:</p> <table border="1"> <tr><td>12</td><td>15</td><td>18</td></tr> <tr><td>9</td><td>15</td><td>20</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>	12	15	18	9	15	20						
12	15	18											
9	15	20											

Signature of Federal Inspector: 

IBM: 29863

Signature of Gang Foreman: 

IBM: 2812



Long Island Rail Road

Brake Test Slip

QMP's Report On Condition Of Brakes

Test Performed: Class 1 Class 1A

Date: 06/10/17 Time: 2:05 (A) AM / PM

Location of Test: W 34

Total # of Units Tested: 10

East Unit #: 7744

West Unit #: 7695

X

Signature of QMP Performing Test

QMP# or Emp ID

Cars Added: _____ Init: _____

Cars Removed: _____ Init: _____

Run Around: _____ Init: _____

THE LONG ISLAND RAIL ROAD COMPANY
 Multiple Operated Electric Units - Inspections, Cleaning and Test Record

MP278-B3

M7 AIR BRAKE CARD

Year 2017

RSU No. 7695

	Maximum Months of Service	Periodic Test Months	Previous Test	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Air Gauges (Clean & Test)	3	3	10/27/16	27			26								
Dead Man Feature Test	3	3	10/27/16	27			26								
Parking Brake Tested	3	3	10/27/16	27			26								
MR & BP FILTERS & Strainers (TEST)	102	3	10/27/16	27			26								
Uncoupling Cylinders & Latch Mechanism	102	3	5/6/11												
B-3-C Valve F/E & B/E (TEST)	102	3	10/27/16	27			26								
Foundation Brake Equipment	102	3	4/8/16												
Pneumatic Operating Units	102	3	5/6/11												
CMV / EMV	102	3	5/6/11												
Leveling Valves (F/E & B/E)	102	3	4/8/16												
Air Compressor / Dryer (TEST)	102	3	10/27/16	27			26								
Tappet Valve (TEST)	102	3	10/27/16	27			26								

3.5 Year Air Brake Date (102 Months)

Previous Date: 5/6/11

New Date: