Long Island Rail Road

FM 9.1-39
Revision 2/21/2013

M7 92 DAY PERIODIC INSPECTION

CAR # 7743 DATE 6/2/17 SHIFT 12 2c SHOP Mc

#	ITEM	SECT	OK/NOTE	IBM#	SIGNATURE
1	STANDING POWER TEST	1.1			
2	ICC ELECTRICAL	14	Note	29564	[redacted]
3	ATC		OK	55384	
4	AUX POWER (APS)	2	Note	54471	
5	ELECTRICAL COUPLER	4	OK	29564	
6	DOORS	5	NOTE	57273	
7	LIGHTING	12	note	28988	[redacted]
8	HVAC	8	NOTE	26809	
9	CONTACT SHOES	7	Note	54389	
10	ICC MECHANICAL	13	Note	53191	
11	AIR BRAKE	3	Note	26481	
12	AIR COMPRESSOR	3	✓	51279	
13	PROPULSION	1	Note	55082	
14	BRAKE SHOES/DISCS	3	✓	51279	
15	TOILET / ~~CARBODY~~	9	NOTE	28818	[redacted]
16	COMMUNICATION/DOORS	10	Note	31157	
17	TRACTION MOTORS	6	NONE	54490	
18	SHOE BEAM		✓	57080	
19	COUPLER		OK	24424	
20	TRACTION MOTOR COUPLER		✓	51279	

	GAUGE	XDUCER
F/E LOAD LEVELER	63 | 69	69 | 59
B/E LOAD LEVELER	60 | 56	63 | 61
MAX BRAKE PSI	43	43 | 42
MIN BRAKE PSI	12	14 | 14
EMER BRAKE PSI	50	50 | 48

P WIRE	
MAX BRAKE (0 mA)	0
MIN BRAKE (256-277 mA)	264
COAST (290 - 310 mA)	298
MIN PWR (323 - 343 mA)	332
MAX PWR (485 - 515 mA)	496

	F-END	B-END
ODOMETER (MILES)	19955	19959
PWR CONS. (KWH)	35722	35563

	F-END	B-END
FREON LEVEL	✓	

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

SUPERVISOR'S SIGNATURE & IBM# [redacted] 28819

FM 9.1-39
Revision 2/21/2013

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7743 DATE: 6/2/17 SHIFT: 2nd

	COMPONENT & DESRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
Doors	L1 door Transition plate hardware	loos	tight		24421	[redacted]
↓	L1 door Transition plate Floor	corr	clea		↓	↓
↓	F/E storm door transition plate hardware	loos	sec		↓	↓
Doors	F/E Storm door push door holder hardware	loos	sec		↓	[redacted]
TOILET	N/S FILL LINE SINK CAP	MISS	SEC		27714	[redacted]
↓	N/E FILL LINE TOILET CAP	MISS	↓		↓	↓
↓	S/S FILL LINE TOILET CAP	MISS	↓		↓	↓
↓	ALL WASTE CAPS	NPS	↓		↓	↓
TOILET	WATER/AIR VALVE	OFF	SEC		27714	[redacted]
MTRS	F/E B/E MTR CLEATS	NPS	SEC		52655	[redacted]
↕	AXLE 1 2" GND	FRAY	REPA		↓	[redacted]
↕	AXLE 2 6" CLEAT	LOOS	SEC		↓	
↕	AXLE 3 3" GND	IBD	VRES		↓	
MTRS	AXLE 4 3" GND	IBD	VRES		52655	
COMM	Radio Foot peddle Cable	IBD	Sec		29421	
HVAC	B/E COND FAN MTR 2 OVLD	FAULT	REPL	1	29990	

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

SUPERVISOR'S SIGNATURE: ________ IBM #: ________

Long Island Rail Road

FM 9.1-39
Revision 2/21/2013

M7 92 DAY PERIODIC INSPECTION

CAR # 7743 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
F/E LOAD LEVELER	_____	_____
B/E LOAD LEVELER	_____	_____
MAX BRAKE PSI	_____	_____
MIN BRAKE PSI	_____	_____
EMER BRAKE PSI	_____	_____

P WIRE	
MAX BRAKE (0 mA)	_____
MIN BRAKE (256-277 mA)	_____
COAST (290 - 310 mA)	_____
MIN PWR (323 - 343 mA)	_____
MAX PWR (485 - 515 mA)	_____

	F-END	B-END
ODOMETER (MILES)	_____	_____
PWR CONS. (KWH)	_____	_____

	F-END	B-END
FREON LEVEL	_____	_____

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

SUPERVISOR'S SIGNATURE & IBM# _____

FM 9.1-39
Revision 2/21/2013

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7743 DATE: SHIFT:

	COMPONENT & DESRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
Lights	Headlight Switch	Loose	SEC		52655	[redacted]
	gauge lights	Trop	Repl			
	2-40w Bulb					
	2-20w					
	2-32w					
	Defuser Lights	Miss/Trop	Repl			
Shoes	R2-Hanger	OA	Adj			
	Shoe	OA	Adj			
	Shunt	Miss	Repl			
	R1-Pin	Froz	Repl			
	Shoe Assembly	WL	Repl			
	L1-Hanger	OA	Adj			
	Shoe	OA	Adj			
	Shunt	Miss	Repl			
	L2-Hanger	OA	Adj			
	Shoe	OA	Adj		52655	

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

SUPERVISOR'S SIGNATURE: IBM #:

Long Island Rail Road

FM 9.1-39 -
Revision 2/21/2013

M7 92 DAY PERIODIC INSPECTION

CAR # 7743 DATE 6/2/17 SHIFT 1230 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
F/E LOAD LEVELER	_____	_____
B/E LOAD LEVELER	_____	_____
MAX BRAKE PSI	_____	_____
MIN BRAKE PSI	_____	_____
EMER BRAKE PSI	_____	_____

P WIRE	
MAX BRAKE (0 mA)	_____
MIN BRAKE (256-277 mA)	_____
COAST (290 - 310 mA)	_____
MIN PWR (323 - 343 mA)	_____
MAX PWR (485 - 515 mA)	_____

	F-END	B-END
ODOMETER (MILES)	_____	_____
PWR CONS. (KWH)	_____	_____

	F-END	B-END
FREON LEVEL	_____	_____

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

SUPERVISOR'S SIGNATURE & IBM# _____

FM 9.1-39
Revision 2/21/2013

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7743 DATE: 6/2/17 SHIFT: 1230

	COMPONENT & DESRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
AOS	FILTER CAGE Mounting Bolts	MUH	Repl		52655	[redacted]
	KNIFE SWITCH & Compartment	DIRT	Clean			
	AUX INVERT Cover & BOLTS	NPS	Sec			[redacted]
	LAMP IN ELL/ LOCKER	MISS	N/A			
	XA1 & XA2 CABLES (Near FILTER)	RUB	Repo			
	Outlet cover IN CAB	PO	Repl			
	" " " B/E West	NPS	Sec			
AOS	INTER CAR JUMPER CABLES	RUB	Repo		52655	[redacted]

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

SUPERVISOR'S SIGNATURE:_____ IBM #:_____

Long Island Rail Road

M7 92 DAY PERIODIC INSPECTION

CAR # 7743 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
F/E LOAD LEVELER	_____	_____
B/E LOAD LEVELER	_____	_____
MAX BRAKE PSI	_____	_____
MIN BRAKE PSI	_____	_____
EMER BRAKE PSI	_____	_____

	P WIRE
MAX BRAKE (0 mA)	_____
MIN BRAKE (256-277 mA)	_____
COAST (290 - 310 mA)	_____
MIN PWR (323 - 343 mA)	_____
MAX PWR (485 - 515 mA)	_____

	F-END	B-END
ODOMETER (MILES)	_____	_____
PWR CONS. (KWH)	_____	_____

	F-END	B-END
FREON LEVEL	_____	_____

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

SUPERVISOR'S SIGNATURE & IBM# _____

FM 9.1-39
Revision 2/21/2013

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7743 DATE: SHIFT:

	COMPONENT & DESRIPTION	DEFECT	REPAIR	QTY	IBM #	SIGNATURE
AB	L2 Load Leveler Hose	Rub	Adj		24431	[redacted]
	L3 DBU Breather	Miss	Repl			
	F Wasp Catcher	PD	Repl			
	Poppit Valve	Worn	Repl			
	Parking Brake Control Cable N/S	Rub	Adj			
	F Main Res co	Stiff	Lube			
AB	R2 Load Leveler Hose	Rub	Adj		24431	[redacted]

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

SUPERVISOR'S SIGNATURE: IBM #:

Long Island Rail Road

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
F/E LOAD LEVELER	_____	_____
B/E LOAD LEVELER	_____	_____
MAX BRAKE PSI	_____	_____
MIN BRAKE PSI	_____	_____
EMER BRAKE PSI	_____	_____

P WIRE	
MAX BRAKE (0 mA)	_____
MIN BRAKE (256-277 mA)	_____
COAST (290 - 310 mA)	_____
MIN PWR (323 - 343 mA)	_____
MAX PWR (485 - 515 mA)	_____

	F-END	B-END
ODOMETER (MILES)	_____	_____
PWR CONS. (KWH)	_____	_____

	F-END	B-END
FREON LEVEL	_____	_____

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

SUPERVISOR'S SIGNATURE & IBM#_____

FM 9.1-39
Revision 2/21/2013

M-7 COMPONENT DEFECT REPAIR SHEET

CAR#: 7743 DATE: 06-02-17 SHIFT: 1230

	COMPONENT & DESRIPTION	DEFECT	REPAIR	QTY	IBM #
Prop	ASU runtime limit Exceeded	fault	Reset		51666
	CTS3 failure				
	Underspeed TL concurrence fault				
	NO BLOWER Current flow				
	Mod Overtemp U-V Stage 1	fault	Reset		51611
	LS-CN ~~plug~~ connector F/E	corr	Clean		52655
	LS11 contactor tips F/E	carbs/pitt	Clean		
	CHS1 contactor tips F/E	carbs	Clean		
	LS13 Contactor tips F/E	carbs	Clean		
	LS11 Contactor tip S/E	carbs/pitt	Clean		
	LS13 contactor tips S/E	carbs	Clean		
	CHS contactor tips S/E	carbs	Clean		
	Inverter cover 1&2 HW	miss	Repl		
Prop	Inverter cover 1&2	wrs	Repl		
Prop	Blower filters F/E & S/E	miss	Repl		52655

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

SUPERVISOR'S SIGNATURE:_____ IBM #:_____

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: (6-2-17) 3 DATE: 6-2-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Grease	G.C TCS #1	Dirty	Clean		51275	[redacted]
	#2					
	#3					
	#4					
	GC Breather #1					
	#2					
	#3					
	#4					
	GC Sight Gloss #1					
	#2					
	#3					
	#4					
	Compressor Sight Glss					
	Compressor ID TCS	Dirty	Clean			
Grease	C2 Dr Rods inside-outside	Worn	Repl		51275	[redacted]

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 22005

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 12 3C DATE: 6/2/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
AFS	Blower Motor	DIRT	Clea	1	5447	[redacted]
AFS	" " FILTERS	W/L	repl	4	5447	
AFS	" " CAGE	DIRT	Clea	1	5447	
HVAC	FILTERS	DIRT	REPL	24	26859	

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 2009

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 12:30 – 8:30 DATE: 6-2-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
Coupler	Gasket	Dirt	Cln		[redacted]	[redacted]
"	coupler cable	Rub	Sw			
	#1 Axle 2 O'clock cable	NPS	Sw			
	#1 Axle 6 O'clock cable	NPS	Sw			
	#2 Axle 2 O'clock cable	NPS	Sw			
	#2 Axle 6 O'clock cable	NPS	Sw			
	All under car Danger signs	Dirt	Cln			
	#3 Axle 2 O'clock cable	Fray	Sw			
	#3 Axle 6 O'clock cable	NPS	Sw			
	#3 Axle 4 O'clock cable	NPS	Sw			
	#4 Axle 2 O'clock cable	NPS	Sw			
	#4 Axle 6 O'clock cable	NPS	Sw			
Cab	Headlight switch	loose	Sw			
	Gimbal light defuser	miss	N/M			
	110V outlet cover	PD	Sw			
	Spare fuse	MISS	N/M			
	Ell light	inop	N/M		[redacted]	[redacted]

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 5016

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 12:30 - 8:30 DATE: 6-2-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
North side	inter-car cable ID Tags	Dirt	CLA		[redacted]	[redacted]
R2	Shoe fuse Box	Dirt	CLA			
"	750V Danger sign	Dirt	CLA			
"	Shunt	PD	[redacted]			
R1	Shoe fuse Box	Dirt	CLA			
"	750V Danger sign	Dirt	CLA			
L1	Shoe fuse Box	Dirt	CLA			
"	750V Danger sign	Dirt	CLA			
"	Shunt	PD	[redacted]			
	Knife switch Box	Dirt	CLA			
	Main Fuse Box 1	Dirt	CLA			
	Main fuse Danger sign	Dirt	CLA			
L2	Shoe fuse Box	Dirt	CLA			
"	750V Danger sign	Dirt	CLA			
south side	inter-car cable ID Tags	Dirt	CLA			
Coupler	Door & Latches	BJL	[redacted]			
"	Pins	Dirt	CLA		[redacted]	

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 5012

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 1/2/8 DATE: 6/2/17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
L2	Pivot Arm Brushing	Worn	sec		53401	[redacted]
L1	" " "	Worn	sec		53401	
R1	" " "	Worn	sec		53401	
R2	" " "		sec		53401	
L2	Shoe Fuse Decal	Dirt	clean			
L1	" " "		clean			
R1	" " "		clean			
R2	" " "	Dirt	clean			
F|2	Glad Hand Hose	NPS	sec			
F|2	Buffer Stem	Stiff	lub			
B|2	WASP Catcher	loose	tight			
F|2	" "	loose	tight		53401	
L2	Yaw Damper Sleeve	NPS	sec		53401	[redacted]
F|ESLS	ADA Pad	Miss	~~tt~~			
R2	Load leveling Arm Bolt	loose	tight		53401	[redacted]
C-18	Seat	Torn	sec		53401	
C-17	"	Torn	sec		53401	[redacted]

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 5370

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 12/8 DATE: 6-2-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
F-15	Seat	TORN	SEC		53401	[redacted]
C-14	|	TORN	SEC		|	
C-13	|	TORN	SEC		|	
C-12	|	TORN	SEC		|	
C-11	|	TORN	SEC		|	
C-10	|	TORN	SEC		|	
F-11	|	TORN	SEC		|	
CAB	Cond Drop Window	Stiff	Lub			
CAB	| | | lock	loose	tight			
CAB	| Seat	TORN	SEC		53401	[redacted]
CAB	| | lock	INOP	|		|	
CAB	Wiper Fluid	Low	Full		53401	[redacted]
CAB	Emerg Ladder STRAP	NPS	SEC		|	
CAB	Fire Extng	NPS	SEC		|	
CAB	Eng Drop window	Stiff	Lub			
CAB	| | | latch	loose	tight			
CAB	| Seat Cushion	P.D.	SEC		53401	[redacted]

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 51781

COMPONENT DEFECT/REPAIR SHEET

CAR # 7743 SHIFT: 12/8 DATE: 6-2-17

COMP LOC	COMPONENT	DEFECT	REPAIR	QTY	IBM#	EMPLOYEE SIGNATURE
B/E	Bridge Plate Door	NPS	SOC		53401	[redacted]
CAN S/S	Fill Line Toilet CAP	MISS	N/M			
S/S	Sink	MISS	N/M			
N/S	Toilet	MISS	N/M			
N/S	Sink	NPS	SOC		53401	[redacted]

SUPERVISOR'S SIGNATURE: [redacted] IBM#: 51701

LONG ISLAND RAIL ROAD
REPORT OF CONDITION OF LOCOMOTIVES OTHER THAN STEAM EXAMINED AND TESTED

LOCATION HMC OUT OF SERVICE 6/2/17 TO 6/7 20 17

LOCO # 7743

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 [redacted] 26481 / SUPERVISORS SIGNATURE [redacted]
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
6/2/17	6/2/17	6/2/17	8/26/11	6/2/17	7/6/16	8/26/11	8/26/11	7/6/16	6/2/17	6/2/17	6/2/17	8/26/11	
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 8/26/11 New Date _____

REMARKS: _____

LIRR: MPL207-M7

GENERAL FOREMAN: [redacted]

JAC042108

MTA Long Island Rail Road

M3, M7 WHEEL REPORT

CAR # 7743 LOCATION: HMC DATE: 6-2-17

TRUCK SERIAL #	WHEEL POSITION	FLANGE HEIGHT	FLANGE THICKNESS	WHEEL THICKNESS
F/END	L1	1 1/16	1 17/64	3
	R1	1 1/16	1 17/64	3
	L2	1 1/16	1 17/64	3
11534	R2	1 1/16	1 17/64	3
B/END	L3	1 1/16	1 17/64	3
	R3	1 1/16	1 17/64	3
	L4	1 1/16	1 17/64	3
11706	R4	1 1/16	1 17/64	3

INSPECTED BY: [redacted] IBM#: 53191

NOTES/REMARKS:

GANG FOREMAN: [redacted] IBM#: 73019

NOTES/REMARKS: all wheels within specs

Long Island Rail Road

Emergency Window Exit - Random Testing Data Sheet

Notes: This is a simulated test of the emergency window exits to verify that they operate as intended. The emergency rubber and window are to be completely removed.

Car Number Inspected: 7744-43 **Date:** 6-2-17

LEGEND
Record Results of Emergency Window Test if Work Order Exists During PI
WINDOW LOCATION INSPECTED _____ **No Work Order** ✓
TEST (If Applicable) PASS ○ FAIL ○
NOTES Examples: *"Handle tore away from rubber"* or *"Rubber tore in half"* etc.

Emergency Tool/Fire E [redacted] #7744 Car# 7743

Signature of Inspector: [redacted] **IBM:** 53191 **Date:** 6-2-17 **Time** 3'50

Signature of Gang Foreman: [redacted] **IBM:** [redacted]

M-7 92 Day PI

Coupler Cable / Intercar Jumper Inspection Form

Car# 7743

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# 7744

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: 6/2/17

Signature: **IBM#**

Inspected By: [redacted] 29564

M-7 92 Day APS Periodic Inspection Data Sheet

Fast Capacitor Discharge Test

A-Car
PASS ✓ FAIL _____

B-Car
PASS ✓ FAIL _____

Ground Fault Detector Test

A-Car
PASS NA FAIL _____

B-Car
PASS NA FAIL _____

Both Cars

Inter-Car Jumper Verified ✓ Filters Replaced /Blowers Vacuumed ✓

North Side Battery Tray

+Measured Cell to Car body Voltage 0 V (Note: Simpson Meter Must be used)

-Measured Cell to Car body Voltage 0 V (Note: Simpson Meter Must be used)

South Side Battery Tray

+Measured Cell to Car body Voltage 0 V (Note: Simpson Meter Must be used)

-Measured Cell to Car body Voltage 0 V (Note: Simpson Meter Must be used)

Transfer Contactor Functionality (B-Car 85 KVA Inverter)

Contactor Transfers ✓

Load Shed Control Circuit Operation (CB054)

A-Car
PASS ✓ FAIL _____

B-Car
PASS ✓ FAIL _____

Battery Rail Gap Test A-Car

Time when CB 706 was opened 12:55AM

Beginning Battery Voltage 74.1 V

Battery Current 1A

Time when LSC1 Opened 12:58 AM Elapsed Time 3 MIN

Battery Voltage when LSC1 Opened 62.1 V

Right Battery Temp 77° Left Battery Temp 80°

Date: 6/2/17

Signature: [redacted] IBM# 54171

M-7 92 DAY TOILET PI CHECKSHEET

RSU# 7743 **DATE:** 6/2/17

		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	[redacted]	
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)**		

Mechanical Door PI Checklist

Car # 7743 Track: M4 Date 6/2/17

	R1	L1	R2	L2
Emergency handle clips: (OK or D for damaged)	O.K	O.K	O.K	O.K
Emergency handle operations: (OK or B for Binding)	O.K	O.K	O.K	O.K
Male Nose rubber condition: (OK, R for reinstalled or D for damaged)	O.K	O.K	O.K	O.K
Female Nose rubber condition: (OK, R for reinstalled or D for damaged)	O.K	O.K	O.K	O.K
Barrel lock operation: (OK or Inop)	O.K	O.K	O.K	O.K
Mechanical lock operation: (OK or B for binding)	O.K	O.K	O.K	O.K
Door guide cleaning: (C for cleaned)	C	C	C	C
Drive Screw: (OK or D for damaged)	O.K	O.K	O.K	O.K
Nut Assembly (OK or D for damaged)	O.K	O.K	O.K	O.K

NOTES:

Inspectors signature [redacted] **IBM** 57273

Mechanical Coupler PI Checklist

Car # 7743 Track # M4 Date 6-2-17

	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.	✓	

98 M-7 92 Day PI (HVAC) Measurement Records

7143-4

FHC1-2 (floor heating contactor 1st stage) and carbody

B Car: 58.2 . } 7.5% (53.8 . to 62.6 .)
A Car: 59.3 . } 7.5% (54.9 . to 63.7)

Measured Resistance Value B-Car: 55
Measured Resistance Value A-Car: 55

FHC2-2 (floor heating contactor 2nd stage) and carbody

B Car: 52.5 . } 7.5% (48.6 . to 56.4 .)
A Car: 53.6 . } 7.5% (49.6 . to 57.6 .)

Measured Resistance Value B-Car: 55
Measured Resistance Value A-Car: 55

DTHL2 (door threshold heater left 2) & DPHL2 (door pocket heater left 2)

- Measured between CB103-A1 & CB103-C1

(39.8 . } 7.5% @ 72°F (36.8 . to 42.8.)

Measured Resistance Value B-Car: 30
Measured Resistance Value A-Car: 30

DTHR2 (door threshold heater right 2) & DPHR2 (door pocket heater right 2)

Measured between CB104-A1 & CB104-B1
(39.8 . } 7.5% @ 72°F (36.8 . to 42.8.)

Measured Resistance Value B-Car: 30
Measured Resistance Value A-Car: 30

DTHL1 (door threshold heater left 1) & DPHL1 (door pocket heater left 1)

Measured between CB105-A1 & CB105-B1
(39.8 . } 7.5% @ 72°F (36.8 . to 42.8.)

Measured Resistance Value B-Car: 30
Measured Resistance Value A-Car: 30

DTHR1 (door threshold heater right 1) & DPHR1 (door pocket heater right 1)

Measured between CB106-B1 & CB106-C1
(39.8 . } 7.5% @ 72°F (36.8 . to 42.8.)

Measured Resistance Value B-Car: 30
Measured Resistance Value A-Car: 30

MANOMETER READINGS

A CAR

Evaporator Coil: F end: High: 2 Low 5
Evaporator Coil: B end: High: 2 Low 6
Condenser Coil: F end: High: 1 Low 2
Condenser Coil: B end High: 1 Low 1

B CAR

Evaporator Coil: F end: High: 2 Low 5
Evaporator Coil: B end: High: Low
Condenser Coil: F end: High: 1 Low 1
Condenser Coil: B end High: Low

Date : 6/2/17 Signature: [redacted]

GEAR CASE OIL LEVEL

RSU# 7743 DATE: 6/2/17

#1 Ok #2 Ok #3 Ok #4 Ok

COMMENTS: _____

RSU# 7744

#1 Ok #2 Ok #3 Ok #4 Ok

COMMENTS: _____

	A CAR	B CAR
*ENSURE GEAR CASE BREATHERS ARE CLEANED	✓	✓
*CHECK GEAR CASE OIL LEVEL	✓	✓
*TBU'S & DBU MUST OPERATE PROPERLY, INSPECT SHOES & PADS	✓	✓
*INSPECT FOR WORN BRAKE SHOES: (MIN 0.5")&PADS (MIN 0.30")	✓	✓
*AIR COMPRESSOR: CHECK OIL LEVEL AND FOR LEAKS		✓
*AIR COMPRESSOR: REPLACE AIR FILTERS WHEN NEEDED		✓

*ASU Serial Number (S/N ON FRAME ABOVE TWIN TOWERS) 3090132 CD

MECHANIC [redacted] IBM# 5b09

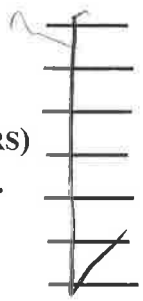
SUPERVISOR [redacted] IBM# 78015

M-7 92 DAY DOOR PI (ELECTRICAL)

DATE: 6/2/17

CAR# 7743-4

	CAB SIDE	NON-CAB
1. DOOR CONTROL PANEL.		
1.1 KEY SWITCH TEST.		
1.2 LAMP TEST.		
1.3 BUZZER. (AUDIBLE)		
1.4 OPEN & CLOSE BUTTONS. (ALL DOORS)		
1.5 DOOR CLOSING BELL & PRECLOSE.		
1.6 PARTIAL OPEN FUNCTION.		
1.7 DOOR OVERRIDE.		



2. INDIVIDUAL DOOR LOCATION.

2.1 INTERIOR & EXTERIOR LIGHTS.

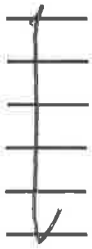
2.2 INTERIOR & EXTERIOR CREW SWITCHS.

2.3 MECHANICAL LOCK CLOSE LIGHT. (DCM)

2.4 MOTOR CUTOUT SWITCH.

2.5 IN& EXT DOOR DISABLE LIGHT. (DCM)

2.6 TSCU FUNCTIONALITY.



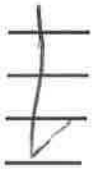
3. DOOR CONTROL MODULE. (DCM)

3.1 NO ACTIVE FAULTS LIGHT.

3.2 OPEN & CLOSE NO INTERMITTENT FAULT.

3.3 WIRE HARNESS INSPECTION.

3.4 MOUNTING BOLTS.



SIGNATURE & IBM# [redacted]

Long Island Rail Road

M7 92 Day Periodic Inspection Propulsion PIU Worksheet

Car # 7743 Test Location HMC Test Date 6-2-17

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	✓	"F"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	✓		VM12 Energized	NOT Venting	PASS
"B"- End	With 3rd rail voltage	PIU shows neg. current	✓	"B"- End	VM11 Energized	Venting	PASS
	W/O 3rd rail voltage	PIU shows (zero) 0 +/- 1.5 amps	✓		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	69	59
RIGHT LOAD LEVELER	63	61
MAX BRAKE BCP	43	42
MIN BRAKE BCP	14	14
EMER BRAKE BCP	50	48

P WIRE (Ref. Step 10)	
MAX BRAKE (0 mA)	0
MIN BRAKE (256 - 277 mA)	264
COAST (290 - 310 mA)	298
MIN PWR (323 - 343 mA)	332
MAX PWR (485 - 515 mA)	496

* 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)	19955	19959
POWER CONSUMPTION (KWH) (Ref. Step 14) (Motoring)	35722	35563

Insp. By: [redacted] IBM # 55082

LONG ISLAND RAIL ROAD

ATC 92 Day Inspection – M-7 Equipment

Test Location:	HMC	A Car No.:	7744	Type of Test:	(Period) / Road Failure
Date:	6/2/17	B Car No.:	7743		

4.1- ATC Initial Inspection (B Car)				4.1- Initial Inspection (A Car)	
ATC Bypass initial position	(Normal) Bypass	ADU	OK	ADU	OK
SS Bypass initial position	(Normal) / Bypass	ODU	OK	ODU	OK
ALE Bypass initial position	(Normal) / Bypass	Acknowledge Switch	OK	Acknowledge Switch	OK
ATC Cabinet	OK	Deadman Foot Pedal	OK	Deadman Foot Pedal	OK

4.1- Equipment Dates		4.1 - Software Version		4.2- Track Receiver Inspection		
USBR Relay (B Car)	DATE (Y-M-D) 12-4-11	ATC	Ver: 4.3	B Car Left Side (7.5 to 8.5)	OK	7.75 inch
ATCEBR Relay (B Car)	DATE (Y-M-D) 12-4-1	DEC (Decoder)	Ver: 0.3	B Car Right Side (7.5 to 8.5)	OK	7.75 inch
VZR1 Relay (B Car)	DATE (Y-M-D) 12-4-18	ALE (Alerter)	Ver: 0.8	A Car Left Side (7.5 to 8.5)	OK	7.5 inch
CMR Relay (B Car)	DATE (Y-M-D) 12-4-23	Speed Sensing	Ver: 1.8	A Car Right Side (7.5 to 8.5)	OK	7.5 inch
CMR Relay (A Car)	DATE (Y-M-D) 12-4-23					

4.3 - ATC Resistance Test			4.3 - Speed Sensor Resistance Test		
Higher than 1 Meghom	Yes / No		SS1 (1800 +/- 270 Ohms)	OK	1976 Ohm
If no, list the test points:			SS2 (1800 +/- 270 Ohms)	OK	1904 Ohm

4.4- ATC Voltage Test					
Battery Voltage V +29 (+/- 3.0)	28.5 Vdc	CPS Brd V +31.5 (+/- 1.5)	31.6 Vdc	CPS Board V +12 (+/- 1.0)	11.9 Vdc
CPS Board V +5 (+/- 0.25)	5.1 Vdc	CPS Board V –12(+/- 1.0)	-12.0 Vdc		

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?		Yes / No	Wheel dia. axle 2 (CPU board)	36.0 inch	Re-calibrated?		Yes / No
Pick up current	(2.25 to 2.55 A)	2.41 Ampere	Wheel dia. axle 3 (measured)	36.0 inch	Pick up current	(2.25 to 2.55 A)	2.40 Ampere
High Energy Channel			Wheel dia. axle 3 (CPU board)	36.0 inch	High Energy Channel		
Re-calibrated?		Yes / No	6.5 - Decelerometer Cal.		Re-calibrated?		Yes / No
Calibration current (< 2.80A)		2.63 Ampere	Decel. re-calibrated?	Yes / No	Calibration current (< 2.80A)		2.68 Ampere

- Testing (B Car)		- Testing (A Car)	
4.6 - No Motion Test	Tested OK		
4.7 - ATC Lamp Test	Tested OK	4.15 - ATC Lamp Test	Tested OK
4.8 - Daily Test	Tested OK	4.16 - Daily Test	Tested OK
• Speed Control Brake application	Tested OK	• Speed Control Brake application	Tested OK
• Penalty Brake Application	Tested OK	• Penalty Brake Application	Tested OK
• Emergency Brake Application	Tested OK	• Emergency Brake Application	Tested OK
4.9 - Deadman Test	Tested OK	4.17 - Deadman Test	Tested OK
4.10 - Alerter Test	Tested OK	4.18 - Alerter Test	Tested OK
4.11 - SECO Test	Tested OK	4.19 - SECO Test	Tested OK
4.12 - ATC Bypass Test	Tested OK	4.20 - ATC Trail Mode test	Tested OK
4.13 - Speed Sensing Bypass Test	Tested OK	4.21 - ATC Final Inspection	Done OK

Remarks:

Inspected By: [redacted]	Adjust. made by: [redacted]	Multimeter	ATC Test Set	Form: MP-362 (M7-MicroCab)
IBM: 55384	IBM: 55384	Calibration Date: 9/26/16	Calibration Date: 1/5/17	Revision: - Page 1 of 2
		Serial Number: 01965	Serial Number: 80105	Issued/Revised: 3/4/10 Log File attached: Yes / 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

LONG ISLAND RAIL ROAD

ATC 92 Day Inspection – M-7 Equipment

Test Location:	HMC	A Car No.:	7744	Type of Test:	(Periodic) Road Failure
Date:	6/2/17	B Car No.:	7743		

EQUIPMENT REPLACEMENT & ATC "ROAD FAILURE" LOG COUNT DOWNLOAD

|FORM MP-362 (M7-MicroCab)|

FAILED DEVICE DESIGNATION OR LOG DOWNLOAD (CODE / COUNT)	BAR CODE or, SERIAL NUMBERS		DATE OF REPLACEMENT UNITS
	Failed Unit/ Revision	Replacement Unit/ Revision	Cab Signal (only)
ATC 555 A/E 122/3 120/3 121/3 120/54 902/5 603/1 1206/1 503/1 1207/2 1208/1 1210/50 1403/1 1404/3			

Remarks:

SEALED

Inspected By:	Adjustment made by:		Form: MP-362 (M7-MicroCab)
[redacted] IBM: 55384	[redacted] IBM: 55384	ATC: 3257370 SSS: 3257336 A/E: 3257354	Revision: - Page 2 of 2 Issued/Revised: 3/4/10

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.
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THE LONG ISLAND RAIL ROAD COMPANY

MP278-B3

Multiple Operated Electric Units - Inspections, Cleaning and Test Record

M7 AIR BRAKE CARD

Year 2017

RSU No. 7743

	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	12/2/16			3			2						
Dead Man Feature Test	3	3	12/2/16			3			2						
Parking Brake Tested	3	3	12/2/16			3			2						
MR & BP FILTERS & Strainers (TEST)	102	3	12/2/16			3			2						
Uncoupling Cylinders & Latch Mechanism	102	3	8/26/11												
B-3-C Valve F/E & B/E (TEST)	102	3	12/2/16			3			2						
Foundation Brake Equipment	102	3	7/6/16												
Pneumatic Operating Units	102	3	8/26/11												
CMV / EMV	102	3	8/26/11												
Leveling Valves (F/E & B/E)	102	3	7/6/16												
Air Compressor / Dryer (TEST)	102	3	12/2/16			3			2						
Tappet Valve (TEST)	102	3	12/2/16			3			2						

8.5 Year Air Brake Date (102 Months) Previous Date: 8.26.11 New Date:

THE LONG ISLAND RAIL ROAD COMPANY

MP278-B3

Multiple Operated Electric Units - Inspections, Cleaning and Test Record

M7 AIR BRAKE CARD

Year 2017

RSU No. 7744

	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	12/2/16			3			2						
Dead Man Feature Test	3	3	12/2/16			3			2						
Parking Brake Tested	3	3	12/2/16			3			2						
MR & BP FILTERS & Strainers (TEST)	102	3	12/2/16			3			2						
Uncoupling Cylinders & Latch Mechanism	102	3	8/26/11												
B-3-C Valve F/E & B/E (TEST)	102	3	12/2/16			3			2						
Foundation Brake Equipment	102	3	7/6/16												
Pneumatic Operating Units	102	3	8/26/11												
CMV / EMV	102	3	8/26/11												
Leveling Valves (F/E & B/E)	102	3	7/6/16												
Air Compressor / Dryer (TEST)	102	3	N/A												
Tappet Valve (TEST)	102	3	12/2/16			3			2						

8.5 Year Air Brake Date (102 Months) Previous Date: 8.26.11 New Date:

U.S. Department of Transportation
Federal Railroad Administration

Locomotive Inspection and Repair Record

See reverse for Paperwork Reduction Act Statement

OMB No.2130-0004

Year:	1. Operated by:	RR Code:	2. Owned by:	RR Code:
2017	Long Island Rail Road	0550	Long Island Rail Road	0550

3. Model No.	4. Locomotive No.:	If renumbered, Prev. No.	5. Year Built	Check if new loco. ☐
M-7	7743		2004	

6. Propelled by:	7. Horsepower	8. Type of Service:	9. Steam Gen. a. No.:	b. Working Pressure N/A	10. Max. Piston Travel N/A in.
MU	1060	Passenger: ☒ Road: ☒ Yard: ☐ Other: ☐			

Type of Air Brake:	Air Dryer:	11. Out of use Credit:	12. Last Periodic Inspection	a. Date	b. Place
KNORR	Yes: ☒ No: ☐			12.2.16	HMC

AFM CAL. 229.29(b)	92 Day Max. Interval	Previous Date:	Date & Certification:	Date & Certification:	Date & Certification:	Date & Certification:
		N/A	N/A	N/A	N/A	N/A

Periodic Inspections — Check one: ☒ 92 days per 229.23(a) ☐ 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
3/3/17	HMC	1-2	[redacted]	3-5	[redacted]	[redacted]
3/3/17	HMC	4-7				
6/2/17	HMC	1-2		3-5		
6/2/17	HMC	4-7				
		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	19. Waiver Part 229	20. Waiver – Other
	DRILLED	FRA-2003-16265 3rd Rail Insulating Devices	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]	3/3/17	[redacted]	7.3.17 HMC
Truck §238.21	3,128 Calendar Days				7/6/16 HMC
Car Body §238.21	3,128 Calendar Days				8/26/11 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**_____

Locomotive Inspection and Repair Record

U.S. Department of Transportation
Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

OMB No.2130-0004

Year:	1. Operated by:	RR Code:	2. Owned by:	RR Code:
2017	Long Island Rail Road	0550	Long Island Rail Road	0550

3. Model No.	4. Locomotive No.:	If renumbered, Prev. No.	5. Year Built	Check if new loco. ☐
M-7	7744		2004	

6. Propelled by:	7. Horsepower	8. Type of Service:	9. Steam Gen. a. No.:	b. Working Pressure N/A	10. Max. Piston Travel N/A in.
MU	1060	Passenger: ☒ Road: ☒ Yard: ☐ Other: ☐			

Type of Air Brake:	Air Dryer:	11. Out of use Credit:	12. Last Periodic Inspection	a. Date	b. Place
KNORR	Yes: ☒ No: ☐			12.2.16	HMC

AFM CAL. 229.29(b)	92 Day Max. Interval	Previous Date:	Date & Certification:	Date & Certification:	Date & Certification:	Date & Certification:
		N/A	N/A	N/A	N/A	N/A

Periodic Inspections — Check one: ☒ 92 days per 229.23(a) ☐ 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
3/3/17	HMC	1-2	[redacted]	3-5	[redacted]	[redacted]
3/3/17	HMC	4-7				
6/2/17	HMC	1-2		3-5		
6/2/17	HMC	4-7				
		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	19. Waiver Part 229	20. Waiver – Other
	DRILLED	FRA-2003-16265 3rd Rail Insulating Devices	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]	3/3/17	[redacted]	3.3.17 HMC
Truck §238.21	3,128 Calendar Days				7/6/16 HMC
Car Body §238.21	3,128 Calendar Days				8/26/11 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**_____

MTA Long Island Rail Road

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. 7744 **Date:** 6-2-17

NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)	WATER EXPIRATION DATE:
4	12-31-21 / 12-31-21

B-CAR RSU No. 7743 **Date:** 6-2-17

NUMBER OF CASES OF WATER IN THE ENCLOSURE (THERE SHOULD BE 4 CASES OF WATER IN EACH ENCLOSURE)`	WATER EXPIRATION DATE:
4	12-3121 / 12-31-21

Signature of Federal Inspector [redacted] **IBM:** 53191

Signature of Gang Foreman: [redacted] **IBM:** 2000