

**RRD18MR001  
Amtrak  
Collision  
Cayce, SC  
February 4, 2018**

**Attachment 2**  
AMTK 665 Locomotive Daily Inspection Records



# Maintenance Analysis Program Equipment Condition Report MAP-100

Locomotive Number: # 665

Each Locomotive Unit and Cab Car shall be inspected in accordance with CFR 49 Part 229.21 and 236.587 and MAP 101 must be signed. Use separate form for each unit in consist.

### Daily Mechanical Inspection

Signature	Occupation	Location	Date	Time
[Redacted]	<u>W/tech</u>	<u>NYS</u>	<u>2-3-18</u>	<u>12:55 AM</u>

### Locomotive Calendar Day Air Brake Test

Signature	Occupation	Location	Date	Time
[Redacted]	<u>W/tech</u>	<u>NYS</u>	<u>2-3-18</u>	<u>1:15 AM</u>

### Train Control Test

Train Type	Switch	Cut Out Cock	Departure Test	
			F-End <u>OK</u>	R-End <u>OK</u>
ACSES	<u>0675232</u>	<u>0696487</u>	<u>2-3-18</u>	<u>1:55 AM</u>
Cab Signal	<u>0722369</u>	<u>0696487</u>	<u>2-3-18</u>	<u>2:00 AM</u>
ITCS/XITCS				
IITS				
I-ETMS Penalty Brake				
I-ETMS Emergency				
Alerter	<u>0722835</u>	<u>0645437</u>		
ATC/IITS Transfer Switch				
Speedometer OS				
Speed Control				
Door Bypass	<u>F 676793</u>	<u>R 676702</u>		
Mult. Penalty Brake Dev.				
Event Recorder	<u>0645418</u>			

Signature	Occupation	Location	Date	Time
[Redacted]	<u>Electrician</u>	<u>NYS</u>	<u>2-3-18</u>	<u>2:45 AM</u>

### Supervisor approving unit for service and all work complete

Signature	Occupation	Location	Date	Time
[Redacted]	<u>EM II</u>	<u>NYS-VD</u>	<u>2/3/18</u>	<u>3:21 AM</u>

Failure Enroute / Equipment Condition	E Initial	Repaired by

Signature of Locomotive Engineer	Location	Date

Use Reverse Side for additional comments or details  
Instructions: Complete form, obtain signatures and make one copy.  
Original is to be retained in the Locomotive Cab and a copy is to be retained at the location performing the inspection.





## Maintenance Analysis Program Equipment Condition Report MAP-100

**Locomotive Number:** 665

Each Locomotive Unit and Cab Car shall be inspected in accordance with CFR 49 Part 229.21 and 236.587 and MAP 101 must be signed. Use separate form for each unit in consist.

**Daily Mechanical Inspection**

Signature	Occupation	Location	Date	Time
	Mechanic	DC	2-2-18	9:30 AM

**Locomotive Calendar Day Air Brake Test**

Signature	Occupation	Location	Date	Time
	Mechanic	DC	2-2-18	10:00 AM

**Train Control Test** Seal Numbers Departure Test

Signature	Occupation	Location	Date	Time
	Mechanic	DC	2-2-18	10:00 AM

Train Type	Switch	Cut Out Cock	Date	Time
ACSES <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> E	0675232	0696487	2-2-18	9:40 AM
Cab Signal	0722369	0696487	2-2-18	9:43 AM
ITCS/XITCS				
IITS				
I-ETMS Penalty Brake				
I-ETMS Emergency				
Alerter	0721835	0645437		
ATC/IITS Transfer Switch				
Speedometer OS				
Speed Control				
Door Bypass	676793 (A) 676702 (R)			
Mult. Penalty Brake Dev.				
Event Recorder	0645418			

Signature	Occupation	Location	Date	Time
	Elect	DC	2-2-18	9:43 AM

**Supervisor approving unit for service and all work complete**

Signature	Occupation	Location	Date	Time
	Facilities	WASH, D.C.	2/2/18	10:31 AM

Failure Enroute / Equipment Condition	E Initial	Repaired by

Signature of Locomotive Engineer	Location	Date
	Was - NY	2/2/18

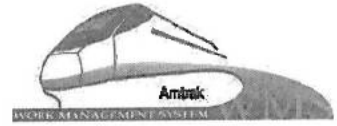
*Use Reverse Side for additional comments or details*  
 Instructions: Complete form, obtain signatures and make one copy.  
 Original is to be retained in the Locomotive Cab and a copy is to be retained at the location performing the inspection.



Maintenance Analysis Program

WMS Work Order: 6649373

ACS-64 DAILY INSPECTION



From Work Order:  
WMS Template ID: 83963

Print Date: 2/3/2018

W/O Type: Daily Inspection	Equip Class:
Maint Type: 24 Hour Inspection	Equip Type: ACS-64

ACS-64 (Amtrak City Sprinter)

Unit: 665	W/O Ceate Date: 2/1/18 6:39 am	W/O Due Date: 02/01/2018	W/O Status Date: 2/3/18 12:36 am	W/O Status By: HAYNESC	W/O Status: Closed
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**TASK # 1 ACS-64 DAILY MECHANICAL INSPECTION**

Cost Center	FIS Loc	Internal Order	W.B.S #	Status By	Facility	Status Date	Status
1543 New York MofE	2229	21 ELECT TURNARND SEF	M.665	HAYNESC	NYS	02/03/2018	Closed

Job # 1 ACS64 Daily Mechanical Inspection (Cab/Cab Equip & Eng Room)

Signature(s): Date: FEB 03 2018  Initial/Signature/Check

**Procedure:**

**EXESINTMECH - Daily Interior Mech Insp EXES**

1.00	Check FRA Form F6180-49A, Map 816, Locomotive Inspection and Repair Record (NRPC 2960) for inspection dates and compliance.	
2.00	M.I. Date: <u>6-3-2017</u> 24 Hour Inspection: <u>Yes</u> 101 Date/Time: <u>2-3-18</u>	
3.00	Ensure that Map 100, Equipment Condition Report (NRPC 2947) Card is filled out completely per SMP 25019.	
4.00	Ensure that Map 101, FRA Rule No. 229 Inspection Record (NRPC 2961) Card is filled out completely per SMP 25019.	
5.00	Perform Cab and Machinery General Inspection per Procedure EXES-01-0005.	
6.00	Inspect Exterior Doors, Windows per Procedure EXES-15-0007.	
7.00	Test Air Brakes per Procedure EXES-10-0002.	
8.00	Inspect Compressed Air Rack per Procedure EXES-21-0014.	

Job # 2 ACS64 Daily Mechanical Inspection (Undercarriage & Exterior)

Signature(s): Date: FEB 03 2018  Initial/Signature/Check

**Procedure:**

**EXESEXTMECH - Daily Exterior Mech Insp EXES**

1.00	Inspect All Safety Appliances per Procedure EXES-01-0088.	
2.00	Inspect Trucks and Running Gear per Procedure EXES-02-0006.	
3.00	Inspect Couplers per Procedure EXES-03-0001.	
4.00	Purge Water from Main Reservoir Systems per Procedure EXES-10-0003.	

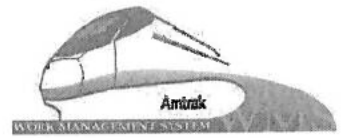
Note - If you have any questions or concerns regarding the contents of this Work Order, please contact the Fleet Manager:  
**John Forgiione**



Maintenance Analysis Program

WMS Work Order: 6649373

Unit: 665



Print Date: 2/3/2018

TASK # 2 ACS-64 DAILY ELECTRICAL INSPECTION

Cost Center	FIS Loc	Internal Order	W.B.S #	Status By	Facility	Status Date	Status
4543 New York MofE	2229	21 ELECT TURNARND SE	M.665	HAYNESC	NYS	02/03/2018	Closed

Job # 1 ACS64 Daily Electrical Inspection (Cab/Cab Equip & Eng Room)

Signature(s): [Redacted] Date: EB 03 2018  Initial/Signature/Check

Procedure:

EXESINTELEC - Daily Interior Elec Insp EXES

1.00	Perform ATC ACSES (Cab Signal) Twenty-Four Hour Inspection per Procedure EXES-11-0001.	CS
2.00	Check and Clear Crew Messages per Procedure EXES-12-0001.	CS
4.00	Test All Interior and Exterior Lighting per Procedure EXES-05-0002.	CS
5.00	Test Operation of HVAC for Heat and Cooling per Procedure EXES-07-0001.	CS
6.00	Inspect Coolant Level per Procedure EXES-23-0005.	CS
7.00	Test Operation of Radio per Procedure EXES-08-0001.	CS
8.00	Inspect All Locomotive Emergency Equipment and Fire Extinguishers per Procedure EXES-01-0048.	CS
9.00	Ensure that Map 100, Equipment Condition Report (NRPC 2947) Card is filled out completely per SMP 25019.	CS
10.00	Ensure that Map 101, FRA Rule No. 229 Inspection Record (NRPC 2961) Card is filled out completely per SMP 25019.	CS

Job # 2 ACS64 Daily Electrical Inspection (Undercarriage & Exterior)

Signature(s): [Redacted] Date: EB 03 2018  Initial/Signature/Check

Procedure:

EXESEXTTELEC - Daily Exterior Elec Insp EXES

1.00	Inspect Trainline Cables and Receptacles per Procedure EXES-20-0001.	CS
2.00	Inspect Pantograph and Roof per Procedure EXES-24-0013.	CS

Note - If you have any questions or concerns regarding the contents of this Work Order, please contact the Fleet Manager: John Forqione [Redacted]





Maintenance Analysis Program

WMS Work Order: 6649373

Unit: 665




Print Date: 2/3/2018

**TASK # 3 ACS-64 DAILY SERVICING, CLEANING, AND DISPATCH INSPECTION**






Cost Center	FIS Loc	Internal Order	W.B.S #	Status By	Facility	Status Date	Status
4543 New York MofE	2229	21 ELECT TURNARND SEF	M.665	HAYNESC	NYS	02/03/2018	Closed

**Job # 1 ACS64 Daily Servicing and Cleaning**


Signature(s):  Date: FEB 03 2018  Initial/Signature/Check

Procedure:

**EXESSERV CLEAN - Daily Service & Clean Insp EXES**







1.00 Dump and clean toilet and surrounding area. Treat area with approved Cour/Tropical Mist. (AMMS# 4712300095). Performed at Motor Pit _____ or Engine House _____ (check appropriate location).	
2.00 Perform Locomotive Cleaning_Layover per 25-0711.	
3.00 Supply crew kits (2) fusees (6), wooden plugs (3 sizes) AMMS# 3624005102, AMMS# 2224000551, and AMMS# 2224000543.	
4.00 Inspect Waste and Water System per Procedure EXES-13-0001.	
5.00 Fill Sand Boxes, Windshield Washer Tanks, and Flange Lubrication Tank per Procedure EXES-01-0004.	

**Job # 2 ACS64 Daily Foreman's QC Inspection**

Signature(s):  Date: FEB 03 2018  Initial/Signature/Check

Procedure:

**EXESQUALITYINSP - Daily Foreman's QC Insp EXES**

1.00 Ensure Corrective Work Orders are created for all defects reported on the Inbound MAP100  Ensure that all incident or corrective Work Orders are completed, necessary repairs are made, and WO's closed on the correct completion date. Be advised that closing the Work Orders will send the last Tasks closing date to ARROW (OMS) as the date that the work was completed. With this in mind, please ensure that the Work Order closing date is THE SAME DATE that is on the unit's BLUE FORM (Map 816).	
2.00 Ensure that all defects are recorded on the Map 9 form, dispositioned, signed off, and attached to WO.	
3.00 Ensure that FRA Form F6180-49A, Map 816, Locomotive Inspection and Repair Record (NRPC 2960) is filled out completely.	
4.00 Ensure that Map 100, Equipment Condition Report (NRPC 2947) Card is filled out completely per SMP 25019.	
5.00 Ensure that Map 101, FRA Rule No. 229 Inspection Record (NRPC 2961) Card is filled out completely per SMP 25019.	
6.00 Foreman/Inspection comments	

Note - If you have any questions or concerns regarding the contents of this Work Order, please contact the Fleet Manager: John Forqione 