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 in	spec	ted in accord	ance	with C	FR 49	Part	
229.21 and 236.587 and M	IAP 101 must be sig	gned.	. Use separate	e for	m for e	each un	it in	
Consist.	ion			-				1
Daily Mechanical Inspection  Signature Occupation Location Date Time								
Signature	Coodpanion	LOU	- 110			10	17-5	-
11/och NYS 2-3-18 12:53 p								
Locomotive Calendar Da	y Air Brake Test	F-E	The second secon	R-E	the Real Property lies	E	CP MA	
Signature	Occupation	Loc	ation		Date		Time	
	Mach		NYS		2-3	3-18	1-15A	m
Train Control Test	Seal	Num	bers		Depa	rture To	est	
C- access V.	*				F-End	OK	R-End 6K	
Train Type	Switch	Cut	Out Cock		Date		Time	1
ACSES ABCDE	0675232	0	696487		0-	3-18	1:55	Am
Cab Signal	0722369	.0	696487	/	2-	3-18	2.00	Am
ITCS/XITCS								
IITS								
I-ETMS Penalty Brake								
I-ETMS Emergency	4-717 X 30-	01	11-113	7				
Alerter	014035	00	045431					
ATC/IITS Transfer Switch						1000		1
Speed Control		-						
Door Bypass	£176793	R	47670	200		19.00		
Mult. Penalty Brake Dev.	1.670112							
Event Recorder	0645418			200	100		AND PROPERTY.	
Signature	Occupation	Loc	ation		Date		Time	
	011.		XM		0218		2 4 45	AW
	Cochecia	1	11/2		0	10	d . 40	-
Supervisor approving un		all w	ork complete	9		_	T	
Signature	Occupation	Loc	ation		Date		Time	1
5	FMI	11	45-1D		2/3/	112	3:21A	27
Failure Enroute / Equipm	ent Condition			El	nitial	Repai	red by	1
		-						+
				-				
The state of the s								
	Het							1
			- 100 Car					-
Signature of Locomotive	Engineer		Location				Date	1
Signature of Locomotive	Lugineer	77	Location					
								-

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

Daily Mechanical Inspect	ion			
Signature	Occupation	Location	Date	Time
	Madins	Dr	2-2-18	93010
Locomotive Calendar Da			Matterphil	ECP
Signature	Occupation	Location	Daté	Time
(	Michnes	ac	2-2-18	10:00 AM
Train Control Test	Seal	Numbers	Departure 7	
C-modile			F-End OK	R-End OK
Train Type	Switch	Cut Out Cock	Date	Time
ACSES (X) A B X D (C)	0675232	069648		9:40 A
Cab Signal	0722369	0696487	- a-2-18	9:43/
ITCS/XITCS	V-30			
IITS		ANY - 24 NO	ALCOHOL:	
I-ETMS Penalty Brake				
I-ETMS Emergency				
Alerter	0421835	064543	7	Telegraph of
ATC/IITS Transfer Switch				
Speedometer OS			MALE TO SE	100000000000000000000000000000000000000
Speed Control		r	THE RES	100000
Door Bypass 676793(	F) 676702	(R)		
Mult. Penalty Brake Dev.				
Event Recorder	0645418			THE STREET
Signature	Occupation	Location	Date	Time
	Fled	DC	2-2-18	9:43A
Supervisor approving un	it for service and	all work complete		
Signature /	Occupation	Location <sub>i</sub>	Dațe .	Time
	Farempet	WAShip: S	- 2/2/18	10:318
Failure Enroute / Equipm				aired by
Tandre Elifodte / Equipin	one o onanion			
				-
		200 - 120		
Signature of Locomotive	Engineer	Location		Date ,
organiature of Locomotive		Was - NY 2/		

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)			Two states	W/O Status:
W/O Ceate Date: 2/1/18 6:39 am	O Due Date: 02/01/2018	W/O Status Date: 2/3/18 12:36 am	W/O Status By: HAYNESC	Closed
TASK # 1 ACS-64 DAILY MECHANIC	AL INSPECTION	1		
Cost Center FIS Loc Internal Order	W.B.			Status Date Status
543 New York MofE 2229 21 ELECT TURNARND S	SEF M.6	65 HA	YNESC NYS	02/03/2018   Closed
Job# 1 ACS64 Daily Mechanical Inspec Eng Room)	ction (Cab/Cab Eq	uip & Signature(s)	Date:	Initial/Signature/
Procedure:				
EXESINTMECH - Daily Interior Mech Insp E	XES			
1.00 Check FRA Form F6180-49A, Map 816, Locomol compliance.	tive Inspection and Repa	air Record (NRPC 2960) fo	or inspection dates and	
2.00 M.I. Date: 6 3 24 Hour Date/Time: 2 3 18	Inspection:	101		
3.00 Ensure that Map 100, Equipment Condition Repo				
4.00 Ensure that Map 101, FRA Rule No. 229 Inspect	tion Record (NRPC 2961	Card is filled out comple	tely per SMP 25019.	
5.00 Perform Cab and Machinery General Inspection		-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 EX	ES-21-0014.			)
Job# 2 ACS64 Daily Mechanical Inspe Exterior)	ction (Undercarria	ge & Signature(s	Dete:	0 3 20 8 hitlal/Signature
Procedure:				18
EXESEXTMECH - Daily Exterior Mech Insp	EXES			
1.00 Inspect All Safety Appliances per Procedure EXE				
2.00 Inspect Trucks and Running Gear per Procedure				
3.00 Inspect Couplers per Procedure EXES-03-0001.				

Purge Water from Main Reservoir Systems per Procedure EXES-10-0003.



# WMS Work Order: 6649373 Unit: 665



Print Date: 2/3/2018

#### TASK # 2 ACS-64 DAILY ELECTRICAL INSPECTION

Cost Center 4543 New York MofE	FIS Loc Internal C		Status By HAYNESC	Facility	Status Date 02/03/2018	Status Closed
Job# 1 AC		spection (Cab/Cab Equip & E	ng Signature(s):	Date	03 201	vital/Signature/

Procedure:

EXESINTELEC - Daily Interior Elec Insp EXES

1.00	Peform ATC ACSES (Cab Signal) Twenty-Four Hour Inspection per Procedure EXES-11-0001.	(58,
2.00	Check and Clear Crew Messages per Procedure EXES-12-0001.	00
4.00	Test All Interior and Exterior Lighting per Procedure EXES-05-0002.	W
5.00	Test Operation of HVAC for Heat and Cooling per Procedure EXES-07-0001.	W
6.00	Inspect Coolant Level per Procedure EXES-23-0005.	W.
7.00	Test Operation of Radio per Procedure EXES-08-0001.	65
8.00	Inspect All Locomotive Emergency Equipment and Fire Extinguishers per Procedure EXES-01-0048.	4
9.00	Ensure that Map 100, Equipment Condition Report (NRPC 2947) Card is filled out completely per SMP 25019.	W
10.00	Ensure that Map 101, FRA Rule No. 229 Inspection Record (NRPC 2961) Card is filled out completely per SMP 25019.	(J

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



Procedure:

EXESEXTELEC - Daily Exterior Elec Insp EXES

EXESENTELES - Daily Exterior Electrisp EXES			4.7
1.00 Inspect Trainline Cables and Receptacles per Procedure EXES-20-0001.			(2)
2.00 Inspect Pantograph and Roof per Procedure EXES-24-0013.	y a	rel	7.1
	( )		

Data Date: 2/3/2018



## Maintenance Analysis Program WMS Work Order: 6649373 Unit: 665

Antrak

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 E	LECT TURNARND SEF	M.665	HAYNESC	NYS	02/03/2018	Closed
Job# 1 AC	S64 Daily Se	rvicing and Cleaning		Signature(s):	Pate	08 201	itial/Signature

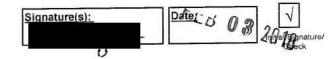
#### Procedure:

EXESSERVCLEAN - 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).	164		
2.00	Perform Locomotive Cleaning_Layover per 25-0711.	1cm		
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.	Rh		
5.00	Fill Sand Boxes, Windshield Washer Tanks, and Flange Lubrication Tank per Procedure EXES-01-0004.	Ry		

Job # 2 ACS64 Daily Foreman's QC Inspection

Foreman/Inspection comments



#### Procedure:

6.00

EXESQUALITYINSP - Daily Foreman's QC Insp EXES 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. 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 Ca unit's BLUE FORM (Map 816). Ensure that all defects are recorded on the Map 9 form, dispositioned, signed off, and attached to WO. (ZA 2.00 Ensure that FRA Form F6180-49A, Map 816, Locomotive Inspection and Repair Record (NRPC 2960) is filled out Our 3 00 completely Ensure that Map 100, Equipment Condition Report (NRPC 2947) Card is filled out completely per SMP 25019. Cu 4.00 Ensure that Map 101, FRA Rule No. 229 Inspection Record (NRPC 2961) Card is filled out completely per SMP 25019. On 5.00

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Maintenance Analysis Program Worksheet

			Maintenance An	iaiysis i i o	gram worksheet		
Defect(s) found durin	g Inspection		Action Taken ) taken to resolve defect)	WMS W			
Life Administration of the Control o							
	1100000						
18/00/2011							
ALE STATE OF THE S							
				-			
		¥5					
44							
NOTE: If Corrective Act	ions cannot be compl	eted at time of	closing this form; a W	ork Order mu	ist be opened for any		
defect not yet rep	paired and the Work (	Order Number i	must be noted on appro	opriate row.			
Chris //	100198		Claud	le Haynes			
Employee Validating Inspe	ction (Print Legibly):	Empl	oyee Validating Corrective	ve Action Comp	leted (Print Legibly):		
2.3.20	19						
Date / Time of I	nspection:	2.3.2018  Date / Time corrective work validated:					
The above inspection has	been performed, with	The a	bove corrective actions l	have been perfo	ormed, except as noted,		
exceptions as noted, and the	ne report is approved.	7	and the rep	oort is approved	d.		
_	Ment						
Signature	Occupation				Foreman II		
			Signature		Occupation		
Date / Time Unit Released	Duint I saihly	Emplo	yee Releasing Unit for Se Signature	ervice	Occupation		
for Service: 2.3.2018	Print Legibly:	Haynes	O.B.		Foreman II		
	Train Consist Unit Nu	-	licable:				
Train or Unit No:	Train Consist Unit Nu	mber(s) – II app	incapie.				
665							