

# Southern California Regional Rail Authority

## Class 1 Brake Test and Inspection Certificate

SMP 1173

LOCOMOTIVE NUMBER: SCAX- 853 POSITION IN CONSIST:  LEAD  TRAIL DATE: 4-25-18  
 USE SEPARATE REPORT FOR EACH UNIT IN CONSIST.

Each locomotive unit shall be inspected in accordance with CFR title 49 parts 229.21 and 236.587.  
 Cab Card SMP 101 must be signed.

EMPLOYEE MAKING DAILY INSPECTION	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:10PM</i>

**CLASS 1 BRAKE TEST**

Class 1 Brake Test has been satisfactorily performed as required by CFR 49 Part 238.313 or 232.12 for freight/work trains

EMPLOYEE PERFORMING TEST	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:17PM</i>

LOCO# <i>853</i>	LOCO# <i>—</i>	LOCO# <i>—</i>	CAB CAR# <i>662</i>	NUMBER OF CARS <i>1</i>
------------------	----------------	----------------	---------------------	-------------------------

**EXTERIOR & INTERIOR INSPECTION**

Following equipment has received an Exterior and Interior Calendar Day Mechanical Inspection as required by CFR 49 Part 238.303 and 238.305.

CAR#	CAR#	CAR#	CAR#	CAR#	CAR#	CAR#
<i>662</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>

EMPLOYEE PERFORMING EXTERIOR INSPECTION	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:02PM</i>

EMPLOYEE PERFORMING INTERIOR INSPECTION	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:30PM</i>

COMMUNICATIONS SYSTEM:  OPERATIVE  INOPERATIVE TRAIN SET FOR:  GRADUATED RELEASE  DIRECT RELEASE

**CLASS 1A. BRAKE TEST**

Class 1A Brake Test has been satisfactorily performed as required by CFR 49 Part 238.315

EMPLOYEE PERFORMING TEST	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME

**ATS DEPARTURE TEST**

EMPLOYEE PERFORMING TEST	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:25PM</i>

**ATS DEPARTURE TEST**

EMPLOYEE PERFORMING TEST	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME

**PTC DEPARTURE TEST**

EMPLOYEE PERFORMING TEST	EMPLOYEE #	OCCUPATION	PLACE	DATE	TIME
<i>Note m.</i>	<i>10201904</i>	<i>CM</i>	<i>CMF</i>	<i>4-25-18</i>	<i>4:20PM</i>

**SEAL NUMBERS**

ATS	<u>021 7386</u>	EVENT RECORDER	<u>021 4473</u>
ALERTOR	<u>021 5834</u>	SPEEDOMETER OVERSPEED	<u>021 5834</u>
PTC PNEUMATIC PENALTY	<u>021 6196</u>	DOOR OVERRIDE	<u>023 3796</u>
PTC EMERGENCY	<u>020 7745</u>	ZERO SPEED	<u>152 1754</u>
PTC PENALTY	<u>021 8280</u>	HORN	<u>048 9820</u>
PTC HORN	<u>021 7848</u>		



SMP 1173

SCAX853 Next PM Due By: 04/26/18 11:59 PM JP  
Bombardier Transportation

Locomotive Inspection and Repair Record

OMB No.2130-0004

U.S. Department of Transportation  
Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

Year: 2018	1. Operated by: Amtrak	RR Code: AMTK	2. Owned by: Southern California Regional Rail Authority	RR Code: SCAX
3. Model No. F59PH	4. Loco No. 853	If renumbered, Prev. No.	5. Year Built 1992	Check if new loco <input type="checkbox"/>
6. Propelled by: D-E	7. Horsepower 3000	8. Type of Service: Road <input type="checkbox"/> Yard <input type="checkbox"/> Other <input type="checkbox"/>	9. Steam Gen. a. No.: N/A	b. Working Pressure N/A
Type of Air Brake: 26LUL	Air Dryer Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	11. Out of use Credit: 50 Days	12. Last Periodic Inspection	a. Date 12/13/2017
AFM CAL. 229.29(b)	92 day max. interval	Previous date: N/A	Date & cert: N/A	Date & cert: 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
OUT OF USE FROM 3-16-18	LOS ANGELES, CA	TO 3-21-18	LOS ANGELES, CA	<i>[Signature]</i>
3-21-18	LOS ANGELES, CA	1-4 & 7	5	<i>[Signature]</i>
OUT OF USE FROM	LOS ANGELES, CA	TO	LOS ANGELES, CA	
	LOS ANGELES, CA	1-4 & 7	5	
OUT OF USE FROM	LOS ANGELES, CA	TO	LOS ANGELES, CA	
	LOS ANGELES, CA	1-4 & 7	5	
OUT OF USE FROM	LOS ANGELES, CA	TO	LOS ANGELES, CA	
	LOS ANGELES, CA	1-4 & 7	5	
* 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	20. Waiver - Other	
Type	Interval Not more than:	21. Person Conducting	22. Test Date & Place	23. Certified by
Event Recorder 229.25(d) or 229.27(c)	No. of days: 368		LOS ANGELES, CA	05/15/2017 LOS ANGELES, CA
Annual Tests 229.27	368 days		LOS ANGELES, CA	05/15/2017 LOS ANGELES, CA
Hand Brake 232.105(c)	368 days		LOS ANGELES, CA	05/15/2017 LOS ANGELES, CA
Air Brakes: Level 1 229.29(c)(1)	368 days		LOS ANGELES, CA	05/15/2017 LOS ANGELES, CA
Level 2 229.29(c)(2)	No. of days: 1,472		LOS ANGELES, CA	02/24/2014 LOS ANGELES, CA
Level 3 229.29(c)(3)	No. of days: 1,472		LOS ANGELES, CA	02/24/2014 LOS ANGELES, CA
Hammer and Hydro 229.31	736 days		DRILLED	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. 853  
Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec1001)

Officer-in-charge \_\_\_\_\_ Date \_\_\_\_\_

July, 99

SMP8 ATS

### MAINTENANCE ANALYSIS PROGRAM DIESEL ELECTRIC LOCOMOTIVES AND CAB CARS INTERMITTENT INDUCTIVE TRAIN STOP INSPECTION

PERIODIC  FAILURE

UNIT NO. SCAX 853	LOCATION LOS Angeles CA CMF	DATE 3-21-18	TIME 1:00pm
		FOUND	LEFT

1. Receiver height should be $4\frac{1}{2} \pm \frac{1}{4}$ ".	4 1/2	4 1/2
2. Resistance B32/B31 to ground. (System de-energized). Should be no less than 250,000 Ohms.	$\infty$	$\infty$
3. Resistance C32/C31 to ground. (System de-energized). Should be no less than 250,000 Ohms.	$\infty$	$\infty$
4. Receiver resistance NA and A. Should be 12 to 21 Ohms.	17	17
5. Receiver resistance NS and A. Should be 27 to 41 Ohms.	35	35
6. Receiver resistance NA and NS. Should be 37 to 56 Ohms.	48	48
7. System voltage. Should be 30 to 32 volts.	32	32
8. Acknowledge time. Hold ACK switch down and time start of air blow (MV open). Should be 6 to 8 seconds.	7 SEC.	7 SEC.
9. Brake cylinder pressure after ATS reduction. Should be equal or greater than full service.	62 LB.	62 LB.
10. Delay time from MV open (air blow) to ATS penalty (PCS open). Maximum allowed 8 seconds.	4 SEC.	4 SEC.
11. Condition of audible alarm and penalty indicators.	Good	Good
12. Test ATS system by using the ATS portable tester.	PASS	PASS
ATS CONTROL BOX DATE:	11-3-16	
ATS CONTROL BOX SERIAL NO.:	0110001	
ATS MAGNET VALVE DATE:	11-3-16	

#### REMARKS

ATS CONTROL BOX SEAL NO: 0237733

MECHANIC: *[Signature]*

SUPERVISOR: *[Signature]*

STAPLES