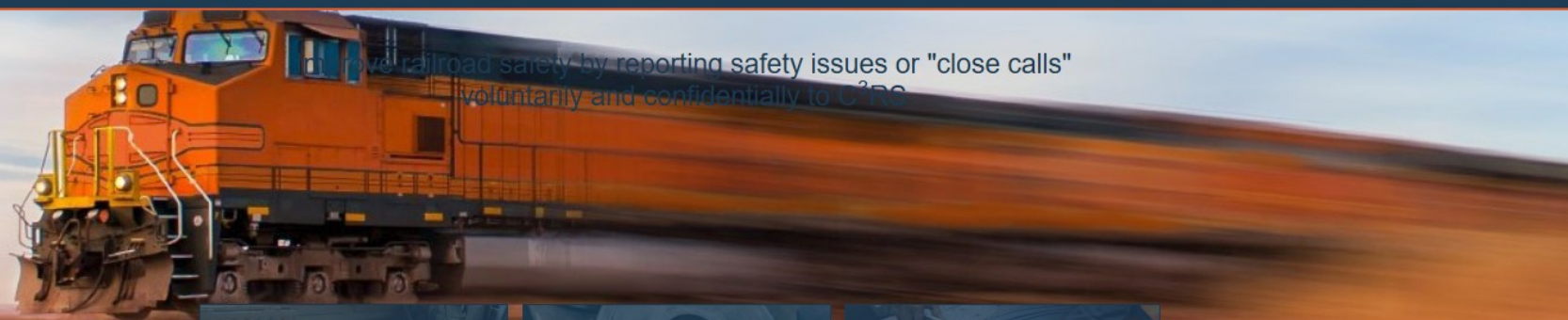


NASA C3RS

<https://c3rs.arc.nasa.gov/report/electronic.html>



Improve railroad safety by reporting safety issues or "close calls"
voluntarily and confidentially to C³RS

Submit Transportation Report Form

e.g. Conductor, Dispatcher, Engineer

Submit Mechanical Report Form

e.g. Carman, Laborer, Machinist, Pipe Fitter

Submit Engineering Report Form

e.g. Signal Maintainer, Track Inspector, Track Supervisor

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NASA C³RS Video

C³RS Overview Webinar **New!**



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Transportation Report Form for US mail [PDF]

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CONFIDENTIAL CLOSE CALL REPORTING SYSTEM



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[Paperwork Reduction Act Statement](#)

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TELEPHONE NUMBERS where we may reach you for further details of this occurrence

PRIMARY Area _____ No. _____ Hours _____ ☐ H ☐ M ☐ W

ALTERNATE Area _____ No. _____ Hours _____ ☐ H ☐ M ☐ W

NAME _____

ADDRESS _____

CITY _____ **STATE** _____ **ZIP** _____

EVENT LOCATION

Division / Subdivision _____

Facility _____

Milepost _____ **State** _____

Nearest Station _____

CARRIER RAILROAD _____

DATE OF OCCURRENCE _____
(MM/DD/YYYY)

LOCAL TIME (24 hr. clock) _____
(HH:MM)

PLEASE FILL IN APPROPRIATE SPACES AND CHECK ALL ITEMS WHICH APPLY TO THIS EVENT OR SITUATION.

REPORTER		REPORTER EXPERIENCE	
☐ Engineer	☐ Assistant Conductor	☐ Yardmaster	☐ On Board Service
☐ Assistant Engineer	☐ Brakeman	☐ Hostler (Outside)	☐ Foreman
☐ Conductor	☐ RCL Operator	☐ Dispatcher	☐ Trainee
☐ Other: _____		Railroad Years _____ yrs	
		Years in Craft _____ yrs	
SHIFT DURING EVENT		CREW SIZE	
At time of incident, were you on ☐ Regular Start Time Job ☐ Unassigned (Pool Turn) ☐ Extra Board ☐ Other: _____	REPORTER LOCATION Locomotive ☐ Cab ☐ Walkway/Steps ☐ Adjacent to track/on ground ☐ Dispatch Center ☐ Station Platform ☐ Yard Control Center ☐ Other: _____	WEATHER ☐ Clear ☐ Snow ☐ Fog ☐ Wind ☐ Hail ☐ Haze/Smoke ☐ Ice ☐ Thunderstorm/Lightning ☐ Rain ☐ Other: _____	LIGHT / VISIBILITY ☐ Dawn ☐ Night ☐ Daylight ☐ Dusk ☐ Reduced Visibility _____ car lengths
Hours into Shift _____ hrs			
TRAIN			
Type of Operation ☐ Passenger/Commuter ☐ Freight	☐ Yard Assignment ☐ Other: _____	☐ Shoving ☐ Pulling	☐ Push/Pull (Passenger)

Type of Operation	☐ Passenger/Commuter ☐ Yard Assignment ☐ Shoving ☐ Push/Pull (Passenger) ☐ Freight ☐ Other: _____ ☐ Pulling		
Equipment	Locomotives	Controlling Loco. Make/Model _____ Total Head End # _____ Remote Control ☐ Yes ☐ No Control Stand Type _____ # of Helpers _____ Distributed Power ☐ Yes ☐ No	
	Passenger	# of Cars _____ # In Service _____ Cab Car Controlling ☐ Yes ☐ No	
	Freight	Loads _____ Tons _____ ☐ Unit Train ☐ Mixed Freight	
		Empties _____ Length _____ feet ☐ Intermodal Train ☐ Other: _____	
Train Location	☐ Main Track ☐ Yard ☐ Passenger Station ☐ Industry ☐ Other: _____		
Rules in Effect - Methods of Operation (check all that apply)	☐ Centralized traffic control ☐ Yard limits ☐ Automatic block signals ☐ Interlocking ☐ Other than main track rules ☐ Automatic cab signals ☐ Track warrant control ☐ Positive train control ☐ Automatic train stop ☐ Direct traffic control ☐ Dark Territory (Non-ABS) ☐ Other: _____		
Operating Rules	☐ GCOR ☐ NORAC ☐ Other: _____		Were job/safety briefings completed? ☐ Yes ☐ No
Train Activity	☐ Pre-Departure ☐ Arrival ☐ Passenger boarding/disembarking ☐ Departure ☐ Switching in yard ☐ Freight loading/unloading ☐ Enroute ☐ Hold (meet, MOW, yard, etc.) ☐ Other: _____		
If more than one train was involved, please describe the additional train in the "Describe Event/Situation" section.			

NASA ARC 277F (September 2013)

C3RS TRANSPORTATION FORM

OMB No. 2700-0172

[Reset Form](#)**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****CONFIDENTIAL CLOSE CALL REPORTING SYSTEM**

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MOFFETT FIELD, CALIFORNIA 94035-0177

DESCRIBE EVENT/SITUATION

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DESCRIBE EVENT/SITUATION, continued...			
Empty space for describing the event/situation			
CHAIN OF EVENTS - How the problem arose - Contributing factors - How it was discovered - Corrective actions		Page 3 of 3	HUMAN PERFORMANCE CONSIDERATIONS - Perceptions, judgments, decisions - Actions or inactions - Factors affecting the quality of human performance

NASA ARC 277F (September 2013)

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 [Transportation Report Form for US mail \[PDF\]](#)

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CONFIDENTIAL CLOSE CALL REPORTING SYSTEM



Contact



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NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EVENT LOCATION

Division / Subdivision _____

Facility _____

Milepost _____ State _____

Nearest Station _____

CARRIER / RAILROAD _____

DATE OF OCCURRENCE _____

(MM/DD/YYYY)

LOCAL TIME (24 hr. clock) _____

(HH:MM)

PLEASE FILL IN APPROPRIATE SPACES AND CHECK ALL ITEMS WHICH APPLY TO THIS EVENT OR SITUATION.

REPORTER		CERTIFICATION	
☐ Boiler Maker	☐ Hostler (Inside)	☐ Pipe Fitter	☐ Air Brake Inspections
☐ Carman	☐ Laborer	☐ Trainee	☐ Blue Signal Protection
☐ Electrician	☐ Machinist	☐ Other: _____	☐ Conductor Certification
☐ Foreman	☐ Manager		☐ FRA Glazing
			☐ Freight Car Inspection
			☐ Locomotive Engineer Certification
			☐ Locomotive Inspection
			☐ Passenger Car Inspection
			☐ Rear End Marker/EOT
			☐ Safety Appliances
			☐ Other: _____

REPORTER EXPERIENCE	WORK GROUP SIZE	SHIFT DURING EVENT	
Railroad Years _____ yts	Work Group Size _____	At time of incident, were you on	Hours into Shift _____ hrs
Years in Craft _____ yts		☐ Assigned Shift	☐ Emergency Duty
		☐ Overtime Duty	☐ Other: _____

REPORTER LOCATION	WEATHER	LIGHT / VISIBILITY	
☐ Yard	☐ Clear	☐ Snow	☐ Outdoors
☐ Shop	☐ Fog	☐ Wind	☐ Dawn
☐ Other Track	☐ Hail	☐ Haze/Smoke	☐ Night
☐ Adjacent to track/on ground	☐ Ice	☐ Thunderstorm/Lightning	☐ Daylight
☐ Office/Crew Facility	☐ Rain	☐ Other: _____	☐ Dusk
☐ On/under/between Motive Power			☐ High
			☐ Low
			☐ Medium
			☐ Off
			☐ Reduced Visibility _____ feet

ACTIVITY		Were job/safety briefings completed?
☐ Blocking/Jacking/Rerailing	☐ Installation	☐ Yes
☐ Documentation	☐ Operating Vehicle/Equipment	☐ No
☐ Inspection	☐ Repair/Replace	
	☐ Scheduled Maintenance	
	☐ Testing	
	☐ Other: _____	

EQUIPMENT	
Locomotives	Total Head End # _____
	Locomotive Make/Model _____
	Remote Control ☐ Yes ☐ No
	Distributed Power ☐ Yes ☐ No
	Position in Train _____
Passenger	# of Cars _____
	# in Service _____
	Cab Car Controlling ☐ Yes ☐ No
Freight	Loads _____
	Empties _____
	Tons _____
	Length _____ feet
Status	Records complete ☐ Yes ☐ No
	Required/correct documents on board ☐ Yes ☐ No
	Maintenance deferred ☐ Yes ☐ No
Type	☐ Passenger/Commuter
	☐ Freight
	☐ Other: _____
	Involved Car Kind _____

Type	☐ Passenger/Commuter ☐ Freight ☐ Other: _____	Involved Car Kind _____
Location	☐ Main Track ☐ Yard ☐ Passenger Station ☐ Industry ☐ Repair Facility ☐ Other: _____	
Operating Rules	☐ GCOR ☐ NORAC ☐ Other: _____	Blue Signal Protection ☐ Yes ☐ No

If more than one equipment was involved, please describe additional equipment in the "Describe Event/Situation" section.

NASA ARC 277G (September 2013)

C3RS MECHANICAL FORM

OMB No. 2700-0172

[Reset Form](#)

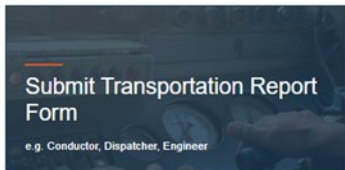
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NASA ARC 277G (September 2013)



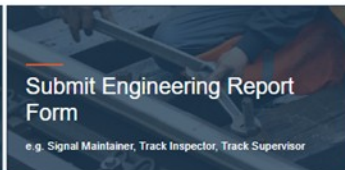
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NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EVENT LOCATION

Division / Subdivision _____

Facility _____

Milepost _____ State _____

Nearest Station _____

CARRIER / RAILROAD _____

DATE OF OCCURRENCE _____

LOCAL TIME (24 hr. clock) _____

PLEASE FILL IN APPROPRIATE SPACES AND CHECK ALL ITEMS WHICH APPLY TO THIS EVENT OR SITUATION.

REPORTER					
☐ Buildings & Bridges	☐ Carpenter	☐ Laborer	☐ Signal Inspector/Tester	☐ Trainee	
☐ Maintenance of Way	☐ CDL Vehicle Operator	☐ Lineman	☐ Signal Maintainer	☐ Other: _____	
☐ Signal & Train Control	☐ Crane Operator	☐ Machine Operator	☐ Signaller		
☐ Telecommunications	☐ Electrician	☐ Mechanic	☐ Technician		
	☐ Foreman	☐ Plumber	☐ Track Supervisor/Inspector		
REPORTER EXPERIENCE		WORK GROUP SIZE		SHIFT DURING EVENT	
Railroad Years _____ yrs	Work Group Size _____	At time of incident, were you on ☐ Assigned Shift ☐ Other: _____		Hours into Shift _____ hrs	
Years in Craft _____ yrs		☐ Overtime Duty _____			
		☐ Emergency Duty _____			
REPORTER LOCATION		WEATHER		LIGHT / VISIBILITY	
☐ Yard	☐ Adjacent to track/on ground	☐ Clear	☐ Snow	<u>Outdoors</u>	<u>Work Area Lighting</u>
☐ Shop	☐ Office/Crew Facility	☐ Fog	☐ Wind	☐ Dawn	☐ High
☐ Main Track	☐ On Track Equipment	☐ Hail	☐ Haze/Smoke	☐ Daylight	☐ Medium
☐ Other Track	☐ Station Platform	☐ Ice	☐ Thunderstorm/Lightning	☐ Night	☐ Low
	☐ Other: _____	☐ Rain	☐ Other: _____	☐ Dusk	☐ Off
☐ Reduced Visibility _____ feet					
ACTIVITY					
☐ Blocking/Jacking/Rerailing	☐ Installation	☐ Testing		Were job/safety briefings completed?	
☐ Construction	☐ Operating Vehicle/Equipment	☐ Other: _____		☐ Yes ☐ No	
☐ Documentation	☐ Repair/Replace				
☐ Inspection	☐ Scheduled Maintenance				
EQUIPMENT					
Type	☐ Crane	☐ Off Track Equipment	☐ Portable/Hand Tools		
	☐ Motor Vehicle	☐ On Track Equipment	☐ Other: _____		
Location	☐ Yard	☐ Main Track	☐ Public Roadway	☐ Other: _____	
	☐ Shop	☐ Other Track	☐ Adjacent to track		
Operating Rules	☐ MOW Rules	☐ GCOR	☐ NORAC	☐ Other: _____	

Rules in Effect - Methods of Operation (check all that apply)	☐ Centralized traffic control	☐ Yard limits	☐ Automatic block signals	☐ Roadway Worker Protection
	☐ Interlocking	☐ Other than main track rules	☐ Automatic cab signals	☐ Other: _____
	☐ Track warrant control	☐ Positive train control	☐ Automatic train stop	
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NASA ARC 277H (September 2013)

C3RS ENGINEERING FORM

OMB No. 2700-0172

Reset Form

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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SUCH EVENTS SHOULD BE FILED THROUGH APPROPRIATE AUTHORITIES.

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DESCRIBE EVENT/SITUATION

Keeping in mind the topics shown below, discuss those which you feel are relevant and anything else you think is important. Include what you believe really caused the problem, and what can be done to prevent a recurrence, or correct the situation. (USE ADDITIONAL PAPER IF NEEDED)

DESCRIBE EVENT/SITUATION, continued...		
CHAIN OF EVENTS - How the problem arose - Contributing factors	- How it was discovered - Corrective actions	HUMAN PERFORMANCE CONSIDERATIONS - Perceptions, judgments, decisions - Actions or inactions - Factors affecting the quality of human performance