Damaged Defective Car Tracking System for Handling Carriers

Presenter: Kevin Wolfe

May 2021

Agenda

- DDCT Overview

- Incident Types

- FindUs.Rail

- Rule 107 Walkthrough

- Creating a Standalone Defect Card

- Tips and Tricks

DDCT Overview

- The Damaged and Defective Car Tracking System (DDCT) was implemented January 5, 2011
  - Developed for the electronic transmission of damaged and defective equipment
  - Replaced physical defect card placed on car
- Supports communication between Handling Carriers (HC) and Car Mark Owners (CMO) on damages or defects per AAR Interchange Rules 1, 95 A, 96, 107 and 108
- Allows HC to create electronic defect card per AAR Interchange Rule 102
- Utilizes notifications to HC, CMO and Shop throughout the DDCT workflow utilizing FindUs.Rail

Permissions Needed

Handling Carrier Admin	Handling Carrier administrator who needs to work with all incidents. Only the Handling Carrier Admin has the authority to offer settlement on a Rule 107 incident car.
Handling Carrier Field User	Handling Carrier field users who need to create new incidents.
Handling Carrier RO User	Handling Carrier users who only need a read-only view of incidents.
HC Damaged Car User	Handling Carrier back office users who need to work with Rule 95/107 incidents.
HC Defective Car User	Handling Carrier back office users who need to work with Rule 1/96/108 incidents.

DDCT Utilizes Industry Applications

- DDCT interfaces with several industry applications at Railinc such as:
  - **Umler**® - used to verify equipment is registered and capture the stencil mark owner (SMOW)
  - **Industry Reference Files (IRF)**- reference files such as Standard Transportation Commodity Code (STCC) and Standard Point Location Code (SPLC)
  - **Event Repository (ER)-** used to verify HC has possession (TRAIN/EDI messages)
  - **Liability Continuity System (LCS)-** DDCT sends events related to the Car Hire process
  - **FindUs.Rail**- contact information for CMO, HC and Shop couplets to send notifications related to incidents
  - **Early Warning-** displays equipment related to DDCT incidents on respective Maintenance Advisory (MA) letters

DDCT & FindUs.Rail

- FindUs.Rail is required for DDCT to transmit notifications to the HC, CMO and Shop.
    - AAR Interchange Rule 114 mandates participation

- HC's and CMO's must list a primary contact and if desired a secondary contact(s) for the *Damaged Defective Car Tracking* category to receive notifications.
    - Category functions are:
        - Handling Carrier Damaged Car Management
        - Handling Carrier Defective Car Management
        - Handling Carrier ICB Management
        - Mark Owner Damaged Car Management
        - Mark Owner Defective Car Management
        - Mark Owner ICB Management

- Shops must list a contact in the *Repair Shop* category to have their shop listed in DDCT for disposition.
    - Category functions are:
        - Cleaning
        - Shop Contact (Please note that you will NOT receive emails without this capacity.)
        - Tank Car

DDCT Incident Types

| Damaged Incident Carrier Responsibility	Defective Incident Car Owner Responsibility
Rule 107 – Major Damage • Car Hire Implications • Settlements can be offered • Dispositions made • Defect Cards are created	**Rule 108 – Major Defects** • Car Hire Implications • Dismantle can be authorized • Dispositions made • Load up can be authorized
Rule 95 – Minor Damage • Defect Cards are created	**Rule 96 – Major Defects** • Dispositions made
Rule 102 – Defect Card • Standalone Defect Card	**Rule 1 – Minor Defects** • Car Hire Implications • Dispositions made
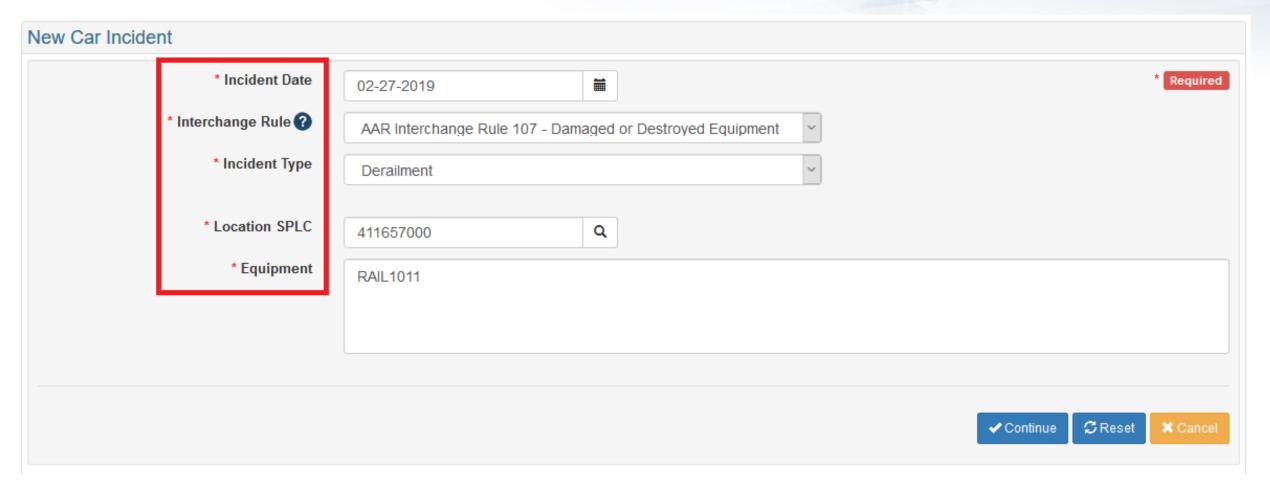
Creating a Rule 107 Incident
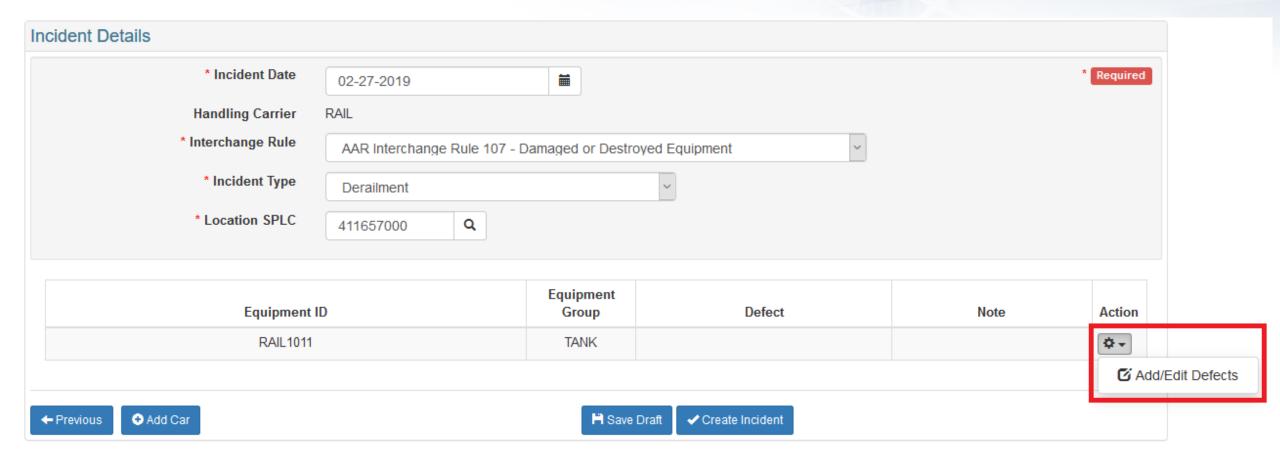
New Car Incident Page

Possession Check

The following equipment was not found in possession of handling carrier RAIL on 02-27-2019. For damaged incidents, the handling carrier must have the equipment in possession on the incident date, and should also be at the location SPLC. To proceed, you will need to override the DDCT possession check.

Override Possession Check

Override	Equipment ID
☑	RAIL1011

☑ Override   **✕ Cancel**

- DDCT will use Car Hire Events to determine if your road is in possession of the equipment.

Incident Details

RAILINC

Incident Details

* **Incident Date**	02-27-2019 📅
Handling Carrier	RAIL
* **Interchange Rule**	AAR Interchange Rule 107 - Damaged or Destroyed Equipment ▾
* **Incident Type**	Derailment ▾
* **Location SPLC**	411657000 🔍

* **Required**

Equipment ID	Equipment Group	Defect	Note	Action
RAIL1011	TANK			⚙▾

☑ Add/Edit Defects

← Previous   ⊕ Add Car   💾 Save Draft   ✔ Create Incident

- Click the cog wheel to add/edit defects.
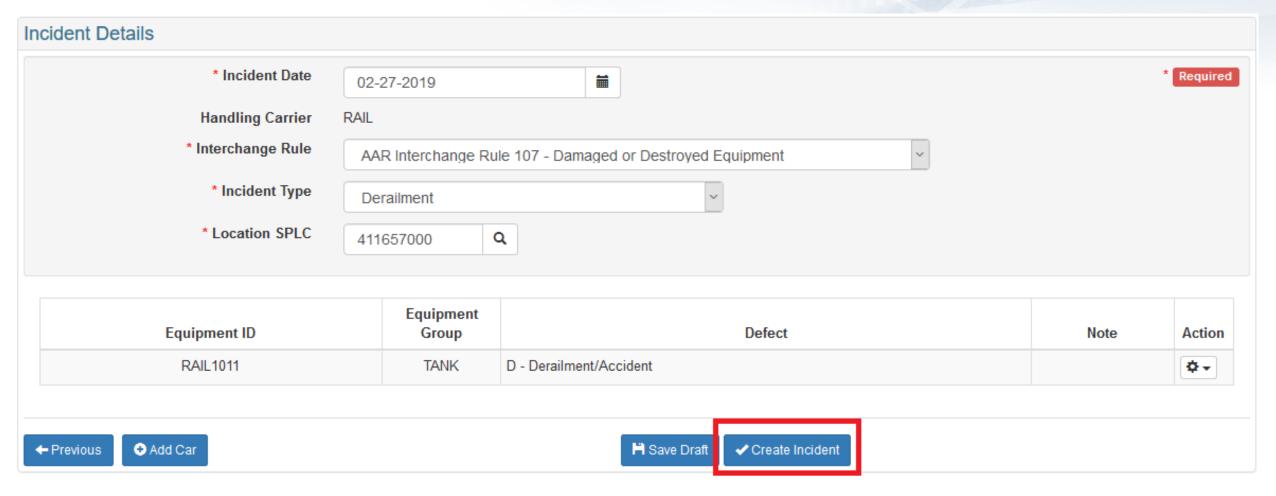
Equipment Details: Adding a Defect

Incident Details Confirmation

RAILINC

Incident Details

* Incident Date	02-27-2019 📅 *Required
Handling Carrier	RAIL
* Interchange Rule	AAR Interchange Rule 107 - Damaged or Destroyed Equipment ▾
* Incident Type	Derailment ▾
* Location SPLC	411657000 🔍

Equipment ID	Equipment Group	Defect	Note	Action
RAIL1011 ⚙▾	TANK	D - Derailment/Accident		⚙▾

← Previous   ⊕ Add Car   💾 Save Draft   ✔ Create Incident
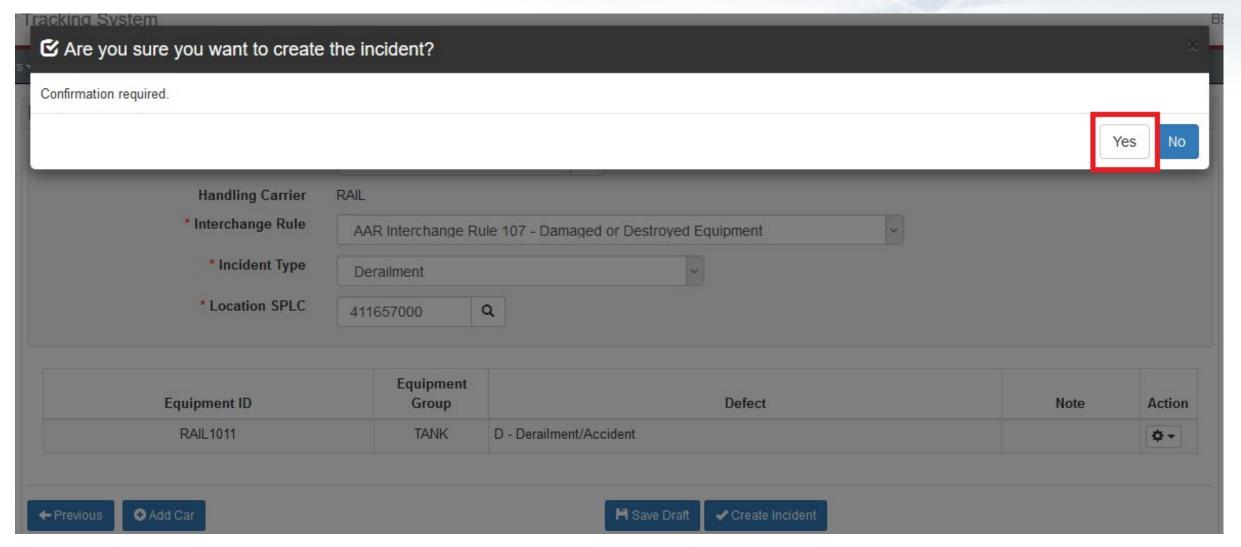
- Confirm the information is correct and click "Create Incident."

Create Incident Confirmation

☑ Are you sure you want to create the incident?

Confirmation required.

Yes No

Handling Carrier	RAIL
* Interchange Rule	AAR Interchange Rule 107 - Damaged or Destroyed Equipment
* Incident Type	Derailment
* Location SPLC	411657000

Equipment ID	Equipment Group	Defect	Note	Action
RAIL1011	TANK	D - Derailment/Accident		⚙▾

← Previous   ● Add Car   🖬 Save Draft   ✔ Create Incident

Success!

Incident successfully created. ✕
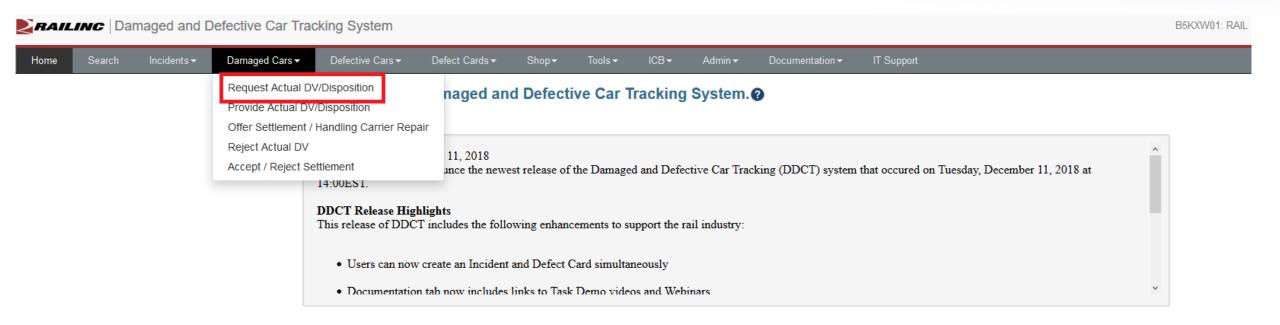
Incident Details

Incident ID	RAIL00327473
Incident Date	02-27-2019
Handling Carrier	RAIL
* **Interchange Rule**	AAR Interchange Rule 107 – Damaged or Destroyed Equipment ⌄
* **Incident Type**	Derailment ⌄
Incident Status	Open
* **Location SPLC**	411657000 Cary, NC

Equipment ID	Equipment Group	Status	Mark Owner	Estimated Value	Defect	Note
RAIL1011	TANK	New	RAIL	EDV Unknown	D - Derailment/Accident	

✏ Edit   🏠 Done

Requesting Disposition for Rule 107 / Rule 96

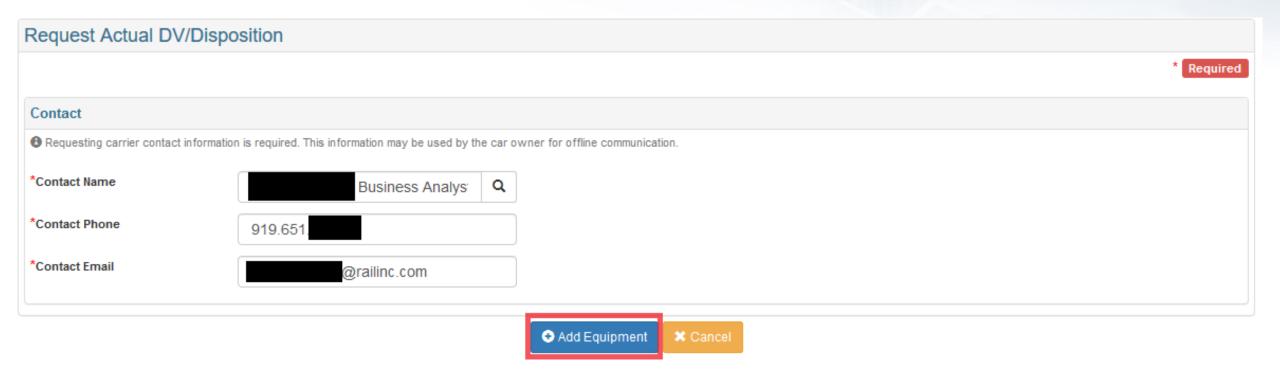- Click the "Request Actual DV/Disposition" option from the Damaged Cars drop-down menu.

Request DV/Disposition

Request Actual DV/Disposition

* Required

Contact

ⓘ Requesting carrier contact information is required. This information may be used by the car owner for offline communication.

*Contact Name   ███████   Business Analys⋅   🔍

*Contact Phone   919.651 ████

*Contact Email   ████████ @railinc.com
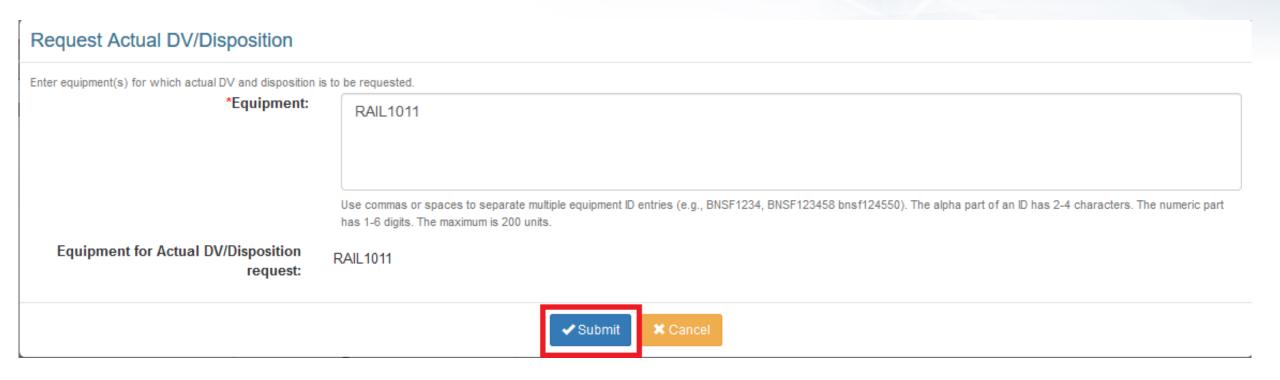
⊕ Add Equipment   ✖ Cancel

- If the appropriate contact information does not populate automatically, enter the appropriate information and click "Add Equipment."

Requesting Disposition: Add Equipment

Request Actual DV/Disposition

Enter equipment(s) for which actual DV and disposition is to be requested.

*Equipment:

> RAIL1011

Use commas or spaces to separate multiple equipment ID entries (e.g., BNSF1234, BNSF123458 bnsf124550). The alpha part of an ID has 2-4 characters. The numeric part has 1-6 digits. The maximum is 200 units.

Equipment for Actual DV/Disposition request: RAIL1011

✔ Submit   ✖ Cancel

- Enter the equipment IDs for which you are requesting disposition.

Requesting Disposition

Confirm Disposition

IMPORTANT: Are you sure you want to request Actual DV/Disposition for the selected equipment(s)?

Confirmation required.

Yes   No

Contact

Requesting carrier contact information is required. This information may be used by the car owner for offline communication.

Success!

Your request for actual DV/Disposition for the following equipment has been sent to the car mark owner. You will be notified of the actual DV/Disposition when provided by the car mark owner. ✕

Request Actual DV/Disposition

Contact

ℹ Requesting carrier contact information is required. This information may be used by the car owner for offline communication.

*Contact Name   ▉ Business Analys 🔍

*Contact Phone   919.651.▉

*Contact Email   ▉@railinc.com

Request Actual DV/Disposition List

The following units have existing open incidents in the system. Select a unit for which you would like to request actual dv/disposition.

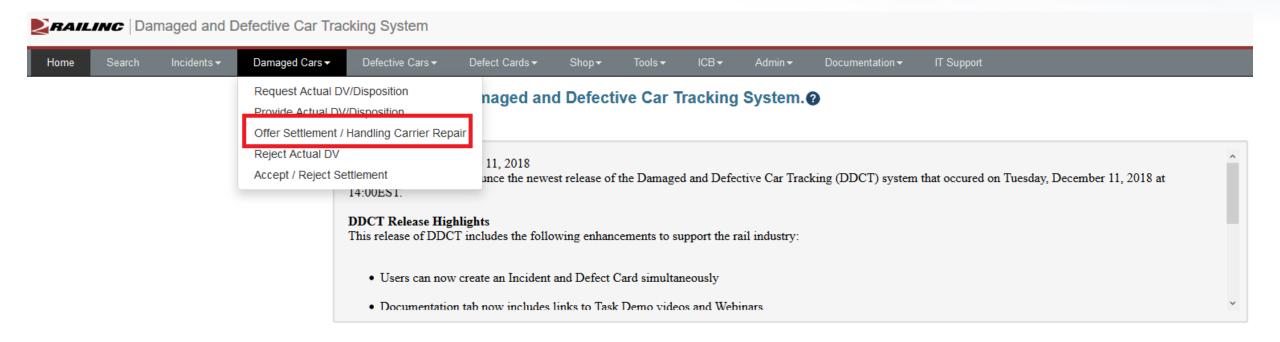|	Equipment ID	Equipment Group	Incident ID	Incident Date	Originating Road	CMO	Estimated Value	Status	*Commodity/STCC Code | fill	Loaded/Empty	*Can Travel On Own Wheels? | fill	Disposition Note | fill
☑	RAIL1011	TANK	RAIL00327473	02-27-2019	RAIL	RAIL	EDV Unknown	Actual DV/Disposition Requested	0113720 🔍		Yes	Shop: 🔍

🏠 Done

Offering Settlement

- In situations where the depreciated value of the damaged equipment is less than the cost of repairs, the Handling Carrier may choose to offer settlement.

- This step occurs after the Car Owner has provided the Actual Depreciated Value of the equipment, or ADV, in addition to the disposition.
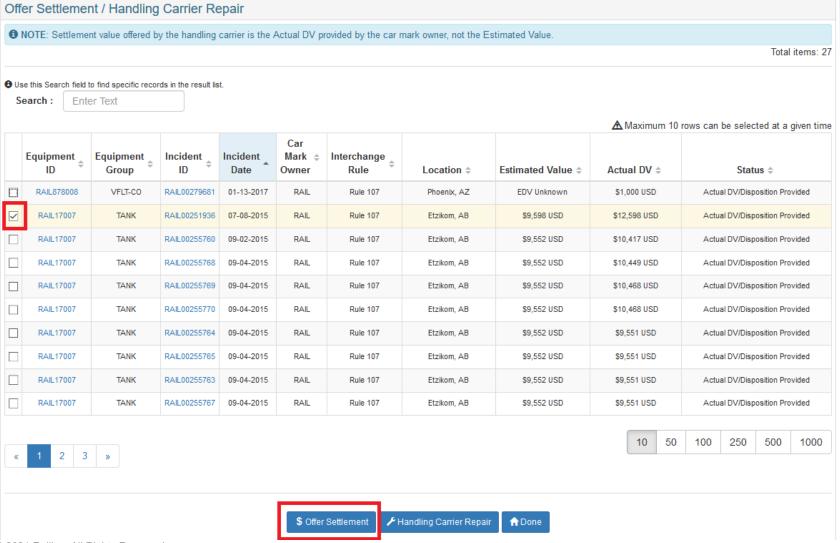
Offering Settlement on a Rule 107 Incident

- To begin the offer settlement process, click the "Offer Settlement" option from the Damaged Cars drop-down menu.

Offering Settlement

RAILINC

Offer Settlement / Handling Carrier Repair

ℹ **NOTE:** Settlement value offered by the handling carrier is the Actual DV provided by the car mark owner, not the Estimated Value.

Total items: 27

ℹ Use this Search field to find specific records in the result list.

Search: [Enter Text]

⚠ Maximum 10 rows can be selected at a given time

	Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
☐	RAIL878008	VFLT-CO	RAIL00279681	01-13-2017	RAIL	Rule 107	Phoenix, AZ	EDV Unknown	$1,000 USD	Actual DV/Disposition Provided
☑	RAIL17007	TANK	RAIL00251936	07-08-2015	RAIL	Rule 107	Etzikom, AB	$9,598 USD	$12,598 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255760	09-02-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,417 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255768	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,449 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255769	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,468 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255770	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,468 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255764	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255765	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255763	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255767	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided

[10] [50] [100] [250] [500] [1000]

« **1** 2 3 »

[$ Offer Settlement] [🔧 Handling Carrier Repair] [🏠 Done]

- Select the equipment for which you intend to offer settlement and click the "Offer Settlement" button.

Confirmation of Settlement

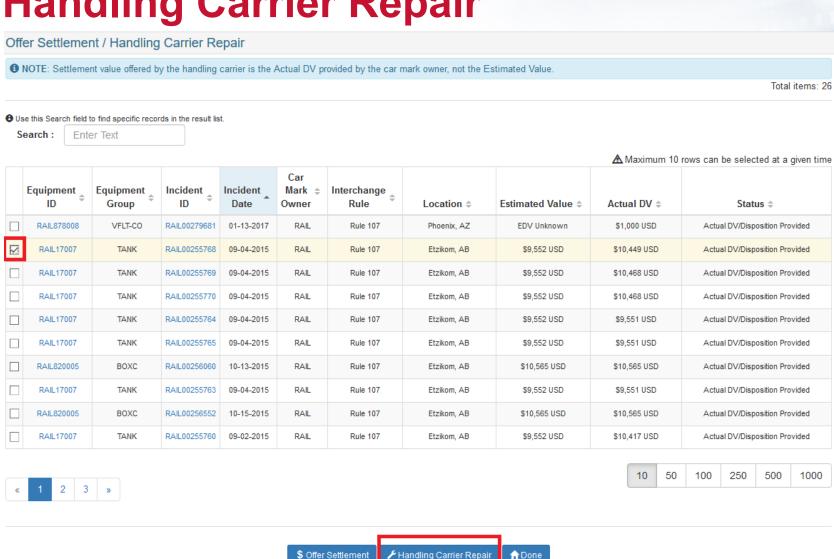Are you sure you want to offer settlement to car mark owner?

ℹ NOTE: Settlement value offered by the handling carrier is the Actual DV provided by the car mark owner, not the Estimated Value.

Total items: 1

Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
RAIL17007	TANK	RAIL00251936	07-08-2015	RAIL	Rule 107	Etzikom, AB	$9,598 USD	$12,598 USD	Actual DV/Disposition Provided

$ Offer Settlement   **◁ Close**

Success!
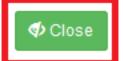
Settlement offer completed successfully on following equipment. Notification has been sent to the car mark owner.

ⓘ NOTE: Settlement value offered by the handling carrier is the Actual DV provided by the car mark owner, not the Estimated Value.

Total items: 1

Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
RAIL17007	TANK	RAIL00251936	07-08-2015	RAIL	Rule 107	Etzikom, AB	$9,598 USD	$12,598 USD	Settlement Offered

◈ Close

Handling Carrier Repair

RAILINC

Offer Settlement / Handling Carrier Repair

ⓘ NOTE: Settlement value offered by the handling carrier is the Actual DV provided by the car mark owner, not the Estimated Value.

Total items: 26

ⓘ Use this Search field to find specific records in the result list.

Search : [Enter Text]

⚠ Maximum 10 rows can be selected at a given time

	Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
☐	RAIL878008	VFLT-CO	RAIL00279681	01-13-2017	RAIL	Rule 107	Phoenix, AZ	EDV Unknown	$1,000 USD	Actual DV/Disposition Provided
☑	RAIL17007	TANK	RAIL00255768	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,449 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255769	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,468 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255770	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,468 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255764	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255765	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL820005	BOXC	RAIL00256060	10-13-2015	RAIL	Rule 107	Etzikom, AB	$10,565 USD	$10,565 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255763	09-04-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$9,551 USD	Actual DV/Disposition Provided
☐	RAIL820005	BOXC	RAIL00256552	10-15-2015	RAIL	Rule 107	Etzikom, AB	$10,565 USD	$10,565 USD	Actual DV/Disposition Provided
☐	RAIL17007	TANK	RAIL00255760	09-02-2015	RAIL	Rule 107	Etzikom, AB	$9,552 USD	$10,417 USD	Actual DV/Disposition Provided

« 1 2 3 »

| 10 | 50 | 100 | 250 | 500 | 1000 |

$ Offer Settlement | 🔧 Handling Carrier Repair | 🏠 Done

- If you do not accept the ADV provided by the Car Mark Owner, you may select the equipment then click the "Handling Carrier Repair" button.
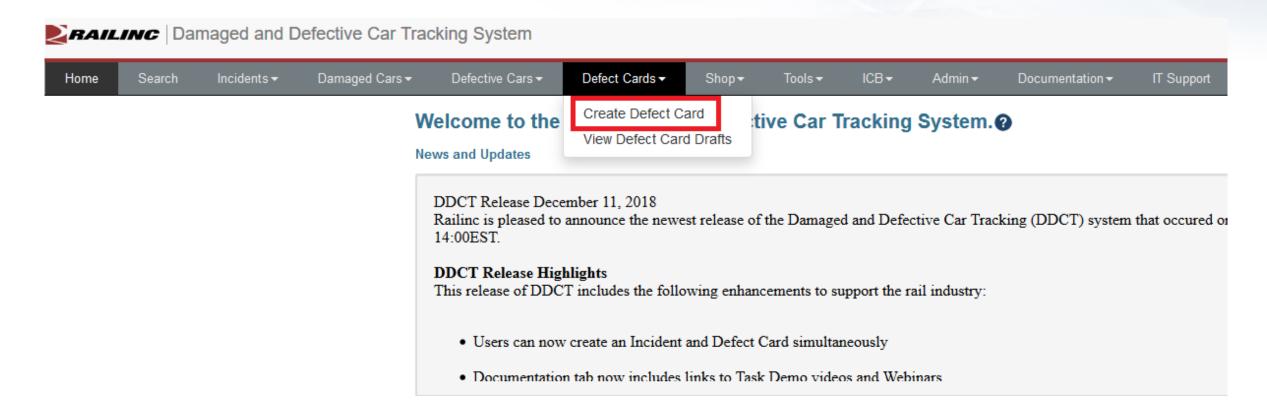
Agenda

- DDCT Overview
- Incident Types
- FindUs.Rail
- Rule 107 Walkthrough
- **Creating a Standalone Defect Card**
- **Tips and Tricks**

Creating a Standalone Defect Card

- To create a defect card, select the "Create Defect Card" option from the Defect Cards drop-down menu.

Create Defect Card

Create Defect Card

ℹ **NOTE**: To create a defect card that will be attached to an existing incident you must go to the Car Details page.

* Required

* Equipment ID

RAIL1011

* Create Date

02/27/2019

Authorized Representative

* Name

John Doe

* Station

Cary

* City

Cary

* State/Province

NC - NORTH CAROLINA

Third-Party Reference ID

Reference ID

(This field will only be visible to the road creating this defect card.)

* Add at least one defect

➕ Add Defects

✔ Create Defect Card   💾 Save Draft   ✖ Cancel
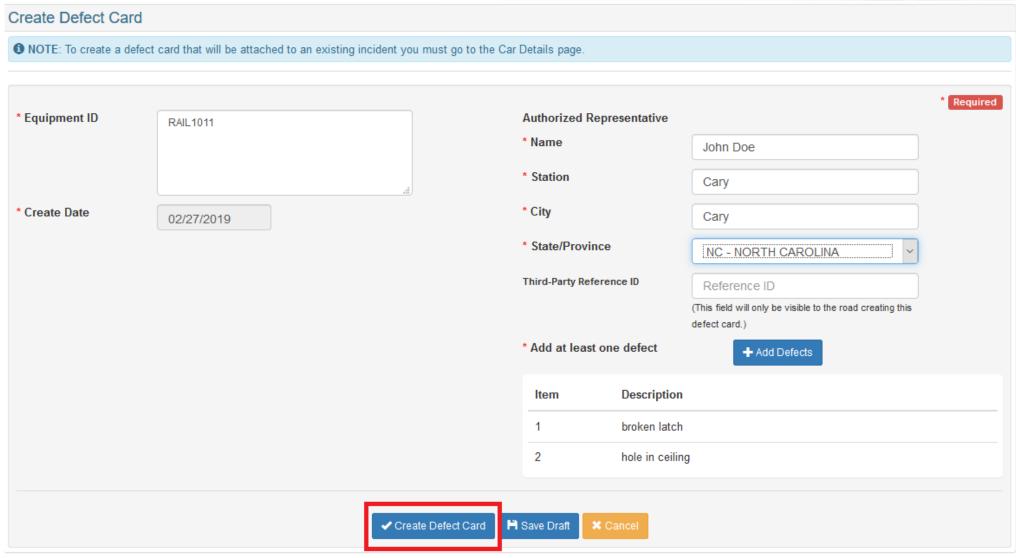
Manage Defects

Create Defect Card

Create Defect Card

ⓘ NOTE: To create a defect card that will be attached to an existing incident you must go to the Car Details page.

* Required

* Equipment ID

RAIL1011

* Create Date

02/27/2019

Authorized Representative

* Name

John Doe

* Station

Cary

* City

Cary

* State/Province

NC - NORTH CAROLINA

Third-Party Reference ID

Reference ID

(This field will only be visible to the road creating this defect card.)

* Add at least one defect   ＋ Add Defects

Item	Description
1	broken latch
2	hole in ceiling

✔ Create Defect Card   💾 Save Draft   ✖ Cancel

Defect Card Information

RAILINC

Defect Card Information

Equipment ID	Equipment Group	Car Mark Owner	Draft
RAIL1011	TANK	RAIL	N

5 10 25

Create Date: 02-27-2019

Handling Carrier: RAIL

Authorized Representative

Name: John Doe

Station: Cary

City: Cary

State / Province: NC

Defects:

Item	Description
1	broken latch
2	hole in ceiling

← Previous   ✔ Create Defect Card   ✖ Cancel

Confirm Defect Card Information

Tracking System

☑ IMPORTANT: The defect card will be final once created (non-editable). Are you sure you want to create the defect card(s)?

Confirmation required.

Yes | No

Success!

RAILINC

✕

Defect Card Information

Equipment ID	Equipment Group	Defect Card ID	Car Mark Owner	Status
RAIL1011	TANK	RAIL00327475	RAIL	New

| 5 | 10 | 25 |

Create Date: 02-27-2019   **Authorized Representative**

Handling Carrier: RAIL   **Name:** John Doe

Station: Cary

City: Cary

State / Province: NC

Defects:
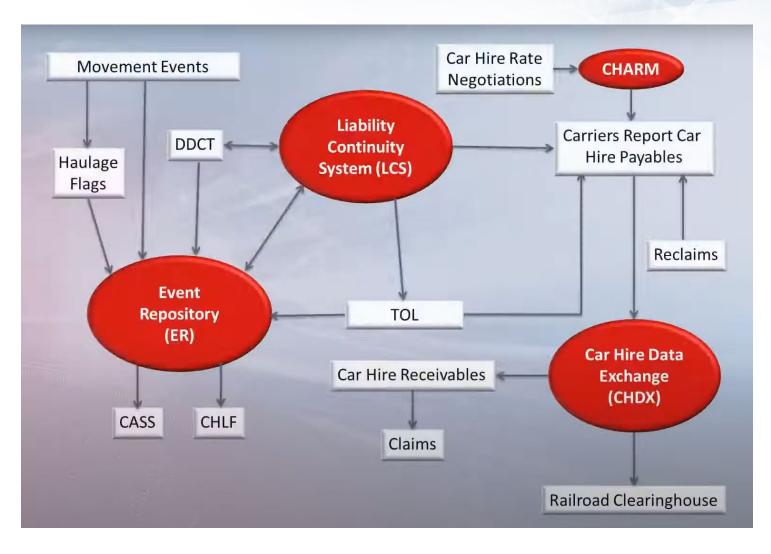
Item	Description
1	broken latch
2	hole in ceiling

🏠 Done

DDCT and Car Hire

- DDCT incidents affect how Car Hire is determined for a piece of equipment.

- When an incident is created, the Liability Continuity System (LCS) turns off and DDCT LCS turns on and starts evaluating the equipment.

- LCS — Liability Continuity System is a system that uses industry-approved rules to assess interchange and car movement events reported by carriers to determine car hire liability. LCS provides data to end users via the TRAINII system (TRAIN 61, 62, 63 and 69).

- LCS is determined by and changes based on the incident rule number and the current status of the incident.

DDCT and Car Hire

DDCT and Car Hire

Key	
Code	**Description**
DC	Damaging Carrier
HC	Handling Carrier
IC	Intermedaiate Carrier
DSP7	Car Owner DV/DISPO Rule 107
DVR7	Car Owner Rule 107
DSP8	Car Owner DV/DISPO Rule 108
DVR8	Car Owner Rule 108
SHP7	Equipment at Shop Rule 107
SHP8	Equipment at Shop Rule 108

DDCT and Car Hire

Search Result (101 results in 3.053 seconds)   💬 Legend   ⬇ Download C

Event	Event Time ▲		From Road	To Road	Posting Road	Liable Road	Location	L
Filter Event			Filter From Roa	Filter To Roa	Filter Posting Road	Filter Liable Road		
ARIL	10/04/2020 21:49		BNSF		BNSF	BNSF	TN, MEMPHIS	A
ICHD	10/07/2020 00:25		DSP8	BNSF	AARG	BNSF	TN, MEMPHIS	G
ICHR	10/07/2020 00:26		BNSF	CSXT	CSXT	CSXT	TN, MEMPHIS	R
STOP	10/07/2020 00:26		AARL		AARG	AARL	TN, MEMPHIS	A
ICHD	10/07/2020 00:27		CSXT	DSP8	AARG	DSP8	TN, MEMPHIS	G
DFLC	10/07/2020 04:00		BNSF		BNSF	BNSF	TN, MEMPHIS	A
ARIL	10/07/2020 04:01		BNSF		BNSF	BNSF	TN, MEMPHIS	A
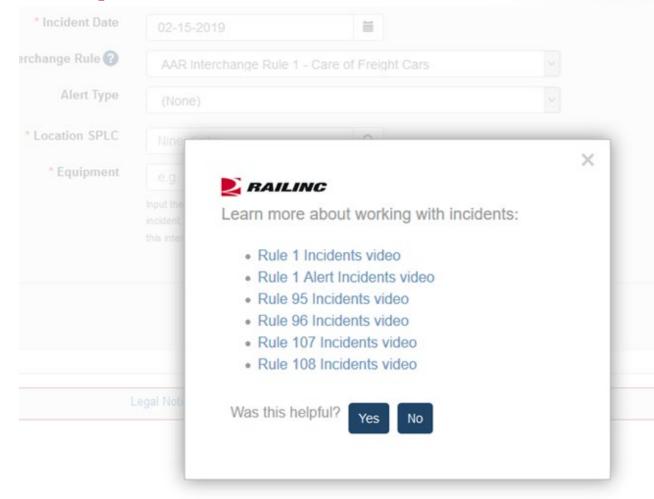
Tips and Tricks

- Clicking the blue question mark symbols in DDCT will open a window containing helpful information or demo videos.

Helpful Videos

- First time DDCT users will see this pop-up window when they click the incidents/create incident tab from the menu bar. These videos can also be found on the DDCT page on Railinc.com.

New "Search" Features

Documentation Tab

- Clicking the "Documentation" tab from the menu bar will populate a drop-down menu with links to helpful documentation including DDCT task demos, webinars and the DDCT User Guide.

Reference Guides for DDCT

- The AAR Office and Field Manuals can assist users in understanding AAR rules that govern DDCT.
  - The Field Manual contains complete information on:
    - Rule 1, 95A, 96 and 108
  - The Office Manual contains complete information on:
    - Rule 107
  - Both the Field and Office Manual contain information on:
    - Rule 102

  - DDCT industry participation and information is located in AAR Interchange Rule 115 (Office Manual).
  - FindUs.Rail contact information is required for DDCT per AAR Interchange Rule 114 (Office Manual).

Railinc.com Product Training

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Useful Links

- [DDCT User Guide](#)
- [DDCT General FAQs](#)
- [DDCT Handling Carrier FAQs](#)
- [DDCT Car Hire/LCS FAQs](#)
- [Car Hire Information Page](#)

- These documents can be found on www.railinc.com

Railinc Keeps You Moving.

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