

# Damaged and Defective Car Tracking System for Handling Carriers

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August 2023

# Agenda



- DDCT Overview
- Incident Types
- FindUs.Rail
- Rule 1 Walkthrough
- Rule 107 Walkthrough
- Creating a Standalone Defect Card
- DDCT/Equipment Advisory/Car Hire
- Tips and Tricks

# DDCT Overview



- The Damaged and Defective Car Tracking System (DDCT) first went live on January 5, 2011.
  - Developed for the electronic transmission of damaged and defective equipment
  - Replaced physical defect card placed on cars
  - Manages information flow from incident to shop release
  - Utilizes FindUs.Rail to manage participation
- DDCT supports communication between Handling Carriers (HC) and Car Mark Owners (CMO) on damages or defects per AAR Interchange Rules 1, 95 A, 96, 102, 107 and 108.
- Stand-alone defect cards can be created per AAR Interchange Rule 102.

# Permissions Needed



<b>Handling Carrier Admin</b>	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.
<b>Handling Carrier Field User</b>	Handling Carrier field users who need to create new incidents.
<b>Handling Carrier RO User</b>	Handling Carrier users who only need a read-only view of incidents.
<b>HC Damaged Car User</b>	Handling Carrier back office users who need to work with Rule 95/107 incidents.
<b>HC Defective Car User</b>	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
  - **Equipment Advisory** - displays equipment on DDCT-related Informational Notices (IN-3000, IN-3001, IN-3002, IN-3003 and IN-3004)
  - **Equipment Health Management System (EHMS)** - communicates the condition of equipment and sends alerts to the responsible parties when repairs are needed

# DDCT & FindUs.Rail



- FindUs.Rail is required for DDCT to transmit notifications to the HC, CMO and Shop.
  - AAR Interchange Rule 114 mandates participation
- HCs and CMOs must list a primary contact and, if needed, 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 category function.)
    - Tank Car

# DDCT Incident Types



## Damaged Incident Carrier Responsibility

### Rule 107 – Major Damage

- Car Hire Implications
- Settlements can be offered
  - Dispositions made
- Defect Cards are created

### Rule 95 – Minor Damage

- Defect Cards are created

### Rule 102 – Defect Card

- Standalone Defect Card

## Defective Incident Car Owner Responsibility

### Rule 108 – Major Defects

- Car Hire Implications
- Dismantle can be authorized
  - Dispositions made
- Load up can be authorized

### Rule 96 – Major Defects

- Dispositions made

### Rule 1 – Minor Defects

- Car Hire Implications
- Dispositions made

# Creating a Rule 1 Incident



A screenshot of the RAILINC web application interface. The top navigation bar is black with the RAILINC logo and the text 'Damaged and Defective Car Tracking System'. Below this is a grey navigation menu with links for Home, Search, Incidents, Damaged Cars, Defective Cars, Defect Cards, Shop, Tools, ICB, Admin, Documentation, and IT Support. A dropdown menu is open under 'Incidents', with 'Create Incident' highlighted in a red box. The main content area features a welcome message, a news and updates section, and a release announcement for the Damaged and Defective Car Tracking (DDCT) system, dated Monday, June 29, 2020 at 10:00EDT. The release highlights include a change in search default start dates to 1/1/2011.



# New Car Incident Page



### New Car Incident

Incident Date *	09-04-2021	Interchange Rule *	AAR Interchange Rule 1 - Care of Freight Cars	<b>* Required</b>
Location SPLC *	411657000	Alert Type	(None)	
Equipment *	RAIL101			


Input the specific equipment initial and number for this incident. Multiple equipment IDs are not allowed for this interchange rule.

Alert Type	Equipment Advisory
Equipment Advisory Category *	Equipment Instructions
* Equipment Advisory Notice Number	3000

Alert Type	EHMS Alert	
EHMS Alert Type	Truck Hunting	
* TRUCK	A	<input type="button" value="+ Add Alert"/>

# Possession Check



 The following equipment was not found in possession of handling carrier RAIL on 09-04-2021. For defective incidents, the handling carrier must have the equipment in possession on the incident date. To proceed, you will need to override the DDCT possession check.

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### Override Possession Check

Override	Equipment ID
<input checked="" type="checkbox"/>	RAIL101

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

# Incident Details



### Incident Details

Incident Date \* 09-04-2021 Interchange Rule \* **\* Required**

Location SPLC \* 411657000 AAR Interchange Rule 1 - Care of Freight Cars

Handling Carrier: RAIL

Equipment ID	Equipment Group	Defects	Note	Action
RAIL101	MISC			

[← Back](#) [+ Add Car](#) [Save Draft](#) [Next](#)

# Equipment Details: Adding a Defect



**Equipment Details** < Previous Car Next Car >

Please select at least one defect for each equipment.

Equipment ID: RAIL101      Equipment Group: MISC

<input type="checkbox"/>	Defect Code	Description
<input checked="" type="checkbox"/>	A - Body	
<input type="checkbox"/>	B - Braking System	
<input type="checkbox"/>	C - Clean-out	
<input type="checkbox"/>	D - Derailment/Accident	
<input type="checkbox"/>	E - Doors	
<input type="checkbox"/>	F - Draft System	
<input type="checkbox"/>	G - Interior Linings & Coatings	
<input type="checkbox"/>	H - Load Attention	

Note

- There are 22 defect codes to select from.

# Request Disposition



**Request Disposition** \* Required

**Contact**

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

Contact Name \*  Contact Phone \*  Contact Email \*

**Request Disposition**

<input checked="" type="checkbox"/>	Equipment ID	Interchange Rule	Equipment Group	Incident Date	* Commodity/STCC Code   fill	Loaded/Empty	* Can Travel On Own Wheels?   fill	Disposition Note   fill
<input checked="" type="checkbox"/>	RAIL101	Rule 1	MISC	09-04-2021	0113710		Yes	

Shop

- Required fields are indicated by a red asterisk.

# Confirm Incident Creation & Request for Disposition



**Request Disposition** \* Required

**Contact**

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

Contact Name \* Josh Roberts, Product S... Contact Phone \* 877-731-5169 Contact Email \*

**IMPORTANT: Are you sure you want to request disposition for the following equipment(s)?** ✕

Confirmation required.

**Request Disposition**

<input checked="" type="checkbox"/>	Equipment ID	Interchange Rule	Equipment Group	Incident Date	Code   fill	Loaded/Empty	fill	Disposition Note   fill
<input checked="" type="checkbox"/>	RAIL101	Rule 1	MISC	09-04-2021	0113710 <input type="text"/>	<input type="text"/>	Yes <input type="text"/>	<input type="text"/>

Shop

# Success!



✔ Your request for disposition for the following equipment has been sent to the car mark owner. You will be notified of disposition when provided by the car mark owner. ✕

### Request Disposition

#### Contact

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

<small>Contact Name *</small> Josh Roberts, Product Support Specialist	<small>Contact Phone *</small> 877.724.5462	<small>Contact Email *</small> josh.roberts@railinc.com
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#### Request Disposition

	Equipment ID	Interchange Rule	Equipment Group	Incident ID	Incident Date	CMO	Status	Commodity/STCC Code   fill	Loaded/Empty	* Can Travel On Own Wheels?   fill	Disposition Note   fill
<input checked="" type="checkbox"/>	RAIL101	Rule 1	MISC	RAIL00664476	09-04-2021	RAIL	Disposition Requested	0113710 <span style="font-size: small;">🔍</span>	▼	Yes ▼	▼
											Shop <span style="font-size: small;">🔍</span>

🏠 Done

# Creating a Rule 107 Incident

A screenshot of the RAILINC web application interface. The top navigation bar is black with the RAILINC logo and the text 'Damaged and Defective Car Tracking System'. Below this is a grey navigation menu with links for Home, Search, Incidents, Damaged Cars, Defective Cars, Defect Cards, Shop, Tools, ICB, Admin, Documentation, and IT Support. The 'Incidents' link is highlighted with a red box, and a dropdown menu is open showing 'Create Incident', 'View Incident Drafts', and 'Third Party Requests'. The main content area has a white background with a red heading 'Welcome to the Damaged and Defective Car Tracking System.' and a sub-heading 'News and Updates'. Below this is a section titled 'Damaged and Defective Car Tracking (DDCT) Release' with a paragraph of text and a sub-section 'DDCT Release Highlights' containing a bulleted list of enhancements.

**RAILINC** | Damaged and Defective Car Tracking System

Home Search Incidents Damaged Cars Defective Cars Defect Cards Shop Tools ICB Admin Documentation IT Support

**Create Incident**

View Incident Drafts

Third Party Requests

Welcome to the Damaged and Defective Car Tracking System.

News and Updates

**Damaged and Defective Car Tracking (DDCT) Release**

Railinc is pleased to announce the newest release of the Damaged and Defective Car Tracking (DDCT) system that occurred on Monday, June 29, 2020 at 10:00EDT.

**DDCT Release Highlights**

This release of DDCT includes the following enhancements to support the rail industry:

- Searches will now default the start date to 1/1/2011, to include all dates



# New Car Incident Page



### New Car Incident

Incident Date *	07-17-2021	Interchange Rule *	AAR Interchange Rule 107 - Damaged or Destroyed Equipment	<b>* Required</b>
Location SPLC *	411613000	Incident Type *	Derailment	
Equipment *	RAIL81			

⏏ Cancel   ⏪ Reset   ✓ Continue

- Complete all fields with the applicable incident information.

# Incident Details



**Incident Details**



Incident Date \* 07-17-2021

Interchange Rule \* **Required**  
AAR Interchange Rule 107 - Damaged or Destroyed Equipment

Location SPLC \* 411613000

Incident Type \*  
Derailment

Handling Carrier: RAIL

Equipment ID	Equipment Group	Defects	Note	Action
RAIL81	BOXC			 

[← Back](#) [+ Add Car](#) [Save Draft](#) [Add/Edit Defects](#)

- Click the cog wheel to add/edit defects.

# Equipment Details: Adding a Defect



**Equipment Details** < Previous Car Next Car >

Please select at least one defect for each equipment.

Equipment ID: RAIL81      Equipment Group: BOXC

<input type="checkbox"/>	Defect Code	Description
<input type="checkbox"/>	A - Body	
<input type="checkbox"/>	B - Braking System	
<input type="checkbox"/>	C - Clean-out	
<input checked="" type="checkbox"/>	D - Derailment/Accident	
<input type="checkbox"/>	E - Doors	
<input type="checkbox"/>	F - Draft System	
<input type="checkbox"/>	G - Interior Linings & Coatings	
<input type="checkbox"/>	H - Load Attention	

Note

- There are 22 defect codes to select from.

# Incident Details Confirmation



**Incident Details**

Incident Date \* 07-17-2021 \* Required

Interchange Rule \* AAR Interchange Rule 107 - Damaged or Destroyed Equipment

Location SPLC \* 411613000

Incident Type \* Derailment

Handling Carrier: RAIL

Equipment ID	Equipment Group	Defects	Note	Action
RAIL81	BOXC	A - Body		

[← Back](#) [➕ Add Car](#) [📄 Save Draft](#) [✔ Create Incident](#)

- Confirm the information is correct and click “Create Incident.”

# Create Incident Confirmation



**Incident Details**

Incident Date \* 07-17-2021

Interchange Rule \* **Required**  
AAR Interchange Rule 107 - Damaged or Destroyed Equipment

Location SPLC \* 411613000

Incident Type \*

Handling Carrier: RAIL


Equipment ID	Note	Action
RAIL81		

Are you sure you want to create the incident?

Confirmation required.

# Success!





 Incident successfully created. ✕

### Incident Details

Incident ID	RAIL00362864	Interchange Rule	AAR Interchange Rule 107 - Damaged or Destroyed Equipment
Incident Date	07-17-2021	Incident Type	Derailment
Handling Carrier	RAIL		
Incident Status	Open		
Location SPLC	411613000	Wake Forest, NC	

Equipment ID	Equipment Group	Status	Mark Owner	Estimated Value	Defects	Note
RAIL81	BOXC	New	RAIL	\$10,854 USD	A - Body	

 Done  Edit

# Requesting Disposition for Rule 107 / Rule 96



**RAILINC** | Damaged and Defective Car Tracking System

Home Search Incidents ▾ Damaged Cars ▾ Defective Cars ▾ Defect Cards ▾ Shop ▾ Tools ▾ ICB ▾ Admin ▾ Documentation ▾

**Welcome to the Damaged and Defective Car Tracking System.**

**News and Updates**

Damaged and Defective Car Tracking System

Railinc is pleased to announce the newest release of the Damaged and Defective Car Tracking (DDCT) system that occurred on Monday, June 29, 2020 at 10:00EDT.

**DDCT Release Highlights**

This release of DDCT includes the following enhancements to support the rail industry:

- Searches will now default the start date to 1/1/2011, to include all dates

- Select “Request Actual DV/Disposition” from the Damaged Cars drop-down menu.

# Request DV/Disposition



**Request Actual DV/Disposition** \* Required

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**Contact**

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

Contact Name *	Contact Phone *	Contact Email *
Josh Roberts, Product Support Specialist	877.724.5462	josh.roberts@railinc.com

+ Add Equipment ✕ Cancel ☆ Request Actual DV/Disposition

- 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 \*

RAIL81

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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:**  
RAIL81

- Enter the equipment ID(s) for which you are requesting disposition.

# Requesting 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 \* Josh Roberts, Product Support Specialist      Contact Phone \* 877.724.5462      Contact Email \* josh.roberts@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.

<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	RAIL81	BOXC	RAIL00669905	07-17-2021	RAIL	RAIL	\$37,674 USD	New	7-digits <input type="text"/>		Yes	

# Confirm 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 \*  
Josh Roberts, Product Support Specialist

Contact Email \*  
josh.roberts@railinc.com

**Request Actual DV/Disposition List**

The following units have existing open incidents in the system. Select a unit for which you want to request Actual DV/Disposition.

<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	RAIL81	BOXC	RAIL00669904	07-17-2021	RAIL	RAIL	\$37,674 USD	New	0113710		Yes	

# 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 \*

Josh Roberts, Product Support Specialist

Contact Phone \*

877.724.5462

Contact Email \*

josh.roberts@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.

<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	RAIL81	BOXC	RAIL00669904	07-17-2021	RAIL	RAIL	\$37,674 USD	Actual DV/Disposition Requested	0113710		Yes	Shop

🏠 Done

# Rule 107 - 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 disposition.

# Offering Settlement on a Rule 107 Incident



The screenshot shows the RAILINC web application interface for the Damaged and Defective Car Tracking System. The top navigation bar includes the RAILINC logo and the title 'Damaged and Defective Car Tracking System'. Below the navigation bar, there are several menu items: Home, Search, Incidents, Damaged Cars, Defective Cars, Defect Cards, Shop, Tools, ICB, Admin, Documentation, and IT Support. The 'Damaged Cars' menu is currently open, displaying a list of options: Request Actual DV/Disposition, Provide Actual DV/Disposition, Offer Settlement / Handling Carrier Repair (highlighted with a red box), Reject Actual DV, and Accept / Reject Settlement. The main content area features a welcome message, a 'News and Updates' section, and a 'DDCT Release Highlights' section. The 'DDCT Release Highlights' section includes a bullet point: 'Searches will now default the start date to 1/1/2011, to include all dates'.

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

# Offering Settlement



**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.

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

Maximum 10 rows can be selected at a given time Total items: 8 Clear Filters

	Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
<input checked="" type="checkbox"/>	RAIL101	MISC	RAIL00660711	07-26-2021	RAIL	Rule 107	Cummings, NC	\$9,720 USD	\$0 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL101	MISC	RAIL00660710	07-26-2021	RAIL	Rule 107	Morrisville, NC	\$9,720 USD	\$26,460 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL402517	BOXC	RAIL00449100	11-21-2017	RAIL	Rule 107	Cary, NC	\$8,541 USD	\$31,185 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL5556	BOXC	RAIL00625473	12-03-2020	RAIL	Rule 107	Cary, NC	\$58,937 USD	\$58,937 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL8000	BOXC	RAIL00594103	04-14-2020	RAIL	Rule 107	Cary, NC	\$6,963 USD	\$1,907 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL886	BOXC	RAIL00625473	12-03-2020	RAIL	Rule 107	Cary, NC	EDV Unknown	\$78,922 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL961406	FLAT	RAIL00594103	04-14-2020	RAIL	Rule 107	Cary, NC	\$2,766 USD	\$10,784 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL961406	FLAT	RAIL00658001	07-08-2021	RAIL	Rule 107	Wake Forest, NC	\$2,113 USD	\$10,563 USD	Actual DV/Disposition Provided

10 50 100 250 500 1000

Done **Offer Settlement** Handling Carrier Repair

- 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
RAIL101	MISC	RAIL00660711	07-26-2021	RAIL	Rule 107	Cummings, NC	\$9,720 USD	\$0 USD	Actual DV/Disposition Provided

Close

**\$ Offer Settlement**



# 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
RAIL101	MISC	RAIL00660711	07-26-2021	RAIL	Rule 107	Cummings, NC	\$9,720 USD	\$0 USD	Settlement Offered

Close

# Handling Carrier Repair



**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.

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

**Maximum 10 rows can be selected at a given time** Total items: 7 Clear Filters

	Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
<input checked="" type="checkbox"/>	RAIL101	MISC	RAIL00660710	07-26-2021	RAIL	Rule 107	Morrisville, NC	\$9,720 USD	\$26,460 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL402517	BOXC	RAIL00449100	11-21-2017	RAIL	Rule 107	Cary, NC	\$8,541 USD	\$31,185 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL5556	BOXC	RAIL00625473	12-03-2020	RAIL	Rule 107	Cary, NC	\$58,937 USD	\$58,937 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL8000	BOXC	RAIL00594103	04-14-2020	RAIL	Rule 107	Cary, NC	\$6,963 USD	\$1,907 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL886	BOXC	RAIL00625473	12-03-2020	RAIL	Rule 107	Cary, NC	EDV Unknown	\$78,922 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL961406	FLAT	RAIL00658001	07-08-2021	RAIL	Rule 107	Wake Forest, NC	\$2,113 USD	\$10,563 USD	Actual DV/Disposition Provided
<input type="checkbox"/>	RAIL961406	FLAT	RAIL00594103	04-14-2020	RAIL	Rule 107	Cary, NC	\$2,766 USD	\$10,784 USD	Actual DV/Disposition Provided

10 50 100 250 500 1000

[Done](#) [Offer Settlement](#) [Handling Carrier Repair](#)

- 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 1 Walkthrough
- Rule 107 Walkthrough
- Creating a Standalone Defect Card
- DDCT/Equipment Advisory/Car Hire
- Tips and Tricks

# Creating a Standalone Defect Card



A screenshot of the RAILINC Damaged and Defective Car Tracking System web application. The top navigation bar is dark grey with the RAILINC logo and the text 'Damaged and Defective Car Tracking System'. Below this is a lighter grey navigation menu with items: Home, Search, Incidents (with a dropdown arrow), Damaged Cars (with a dropdown arrow), Defective Cars (with a dropdown arrow), Defect Cards (with a dropdown arrow), Shop (with a dropdown arrow), Tools (with a dropdown arrow), ICB (with a dropdown arrow), Admin (with a dropdown arrow), and Documentation (with a dropdown arrow). A dropdown menu is open under 'Defect Cards', showing two options: 'Create Defect Card' (highlighted with a red rectangular box) and 'View Defect Card Drafts'. The main content area has a red heading 'Welcome to the Damaged and Defective Car Tracking System'. Below this is a section titled 'News and Updates' containing a 'Damaged and Defective Car Tracking (DDCT) Release' announcement dated Monday, June 29, 2020 at 10:00EDT. The announcement includes 'DDCT Release Highlights' and a bulleted list of enhancements, such as 'Searches will now default the start date to 1/1/2011, to include all dates'.

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

# Add Defects to 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.

Equipment ID * RAIL101	Authorized Representative Name * Josh Roberts
Create Date * 09-04-2021	Station * Cary
	City * Cary
	State/Province * NC - NORTH CAROLINA
	Third-Party Reference ID (This field will only be visible to the road creating this defect card.)

Add at least one defect \*

**+ Add Defects**

- All required fields are indicated by an asterisk.

# Manage Defects



Manage Defects

Item	Description
1	Top running boards and brackets bent and broken
2	A end draft sill twisted
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

✕ Cancel **Save Changes**

- The Manage Defects functionality allows for up to 40 free-form entries.

# 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.

Equipment ID \*  
RAIL101

Create Date \*  
09-04-2021

Authorized Representative \* Required  
Name \*  
Josh Roberts

Station \*  
Cary

City \*  
Cary

State/Province \*  
NC - NORTH CAROLINA

Third-Party 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	Top running boards and brackets bent and broken
2	A end draft sill twisted

- Enter the equipment ID, create date, name of authorized representative, station, city, state/province, and at least one defect.

# Defect Card Information



**Defect Card Information**

Equipment ID	Equipment Group	Car Mark Owner	Draft
RAIL101	MISC	RAIL	N

5 10 25

Create Date: 09-04-2021  
Handling Carrier: RAIL

Authorized Representative  
Name: Josh Roberts  
Station: Cary  
City: Cary  
State / Province: NC

Defects:

Item	Description
1	Top running boards and brackets bent and broken
2	A end draft sill twisted

← Back    ✕ Cancel    ✓ Create Defect Card



# Confirm Defect Card Information



**Defect Card Information**

Equipment ID	Equipment Group	Car Mark Owner	Draft
RAIL101	MISC	RAIL	N

5 10 25

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

Confirmation required.

No **Yes**

Defects:

Item	Description
1	Top running boards and brackets bent and broken
2	A end draft sill twisted

← Back   × Cancel   ✓ Create Defect Card

# Success!



Defect Card successfully created for RAIL101. ✕

### Defect Card Information

Equipment ID	Equipment Group	Defect Card ID	Car Mark Owner	Status
<a href="#">RAIL101</a>	MISC	RAIL00664477	RAIL	New

5 10 25

Create Date: 09-04-2021  
Handling Carrier: RAIL

Authorized Representative  
Name: Josh Roberts  
Station: Cary  
City: Cary  
State / Province: NC

Defects:

Item	Description
1	Top running boards and brackets bent and broken
2	A end draft sill twisted

Done

## Search Results

### Incident Results

Search

Total items: 1 | [Export CSV](#) [Clear Filters](#)

Equipment ID ↑	Equipment Group	Incident ID	Incident Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Location	Status	Removal Reason
RAIL101	MISC	RAIL00660107	07-22-2021	RAIL	RAIL	Rule 108	A - Body	Wake Forest, NC	Disposition Provided	

# Equipment Advisory

## Query Equipment

Search Criteria

### Search Results

Max Number of Results

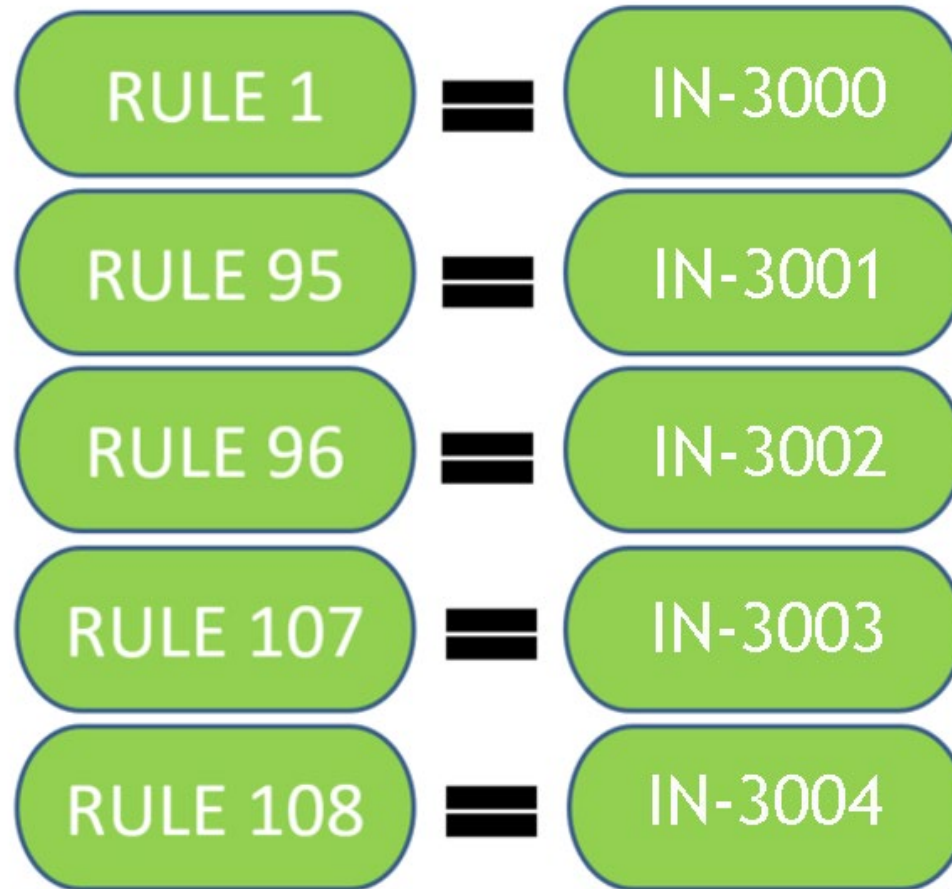
[REPORT INSPECTION](#)

[EXPORT TO CSV](#)

[REFRESH](#)

Equipment ID ↑	Advisory ID	Mark Ow...	UmlerOw...	Lessee	Mech De...	Equip Sta...	Assign Date	EIN
<input type="checkbox"/> RAIL000000101	IN-3004	RAIL	RAIL		NE	P	2021-07-22	0010499017

# Rules and Corresponding Informational Notices

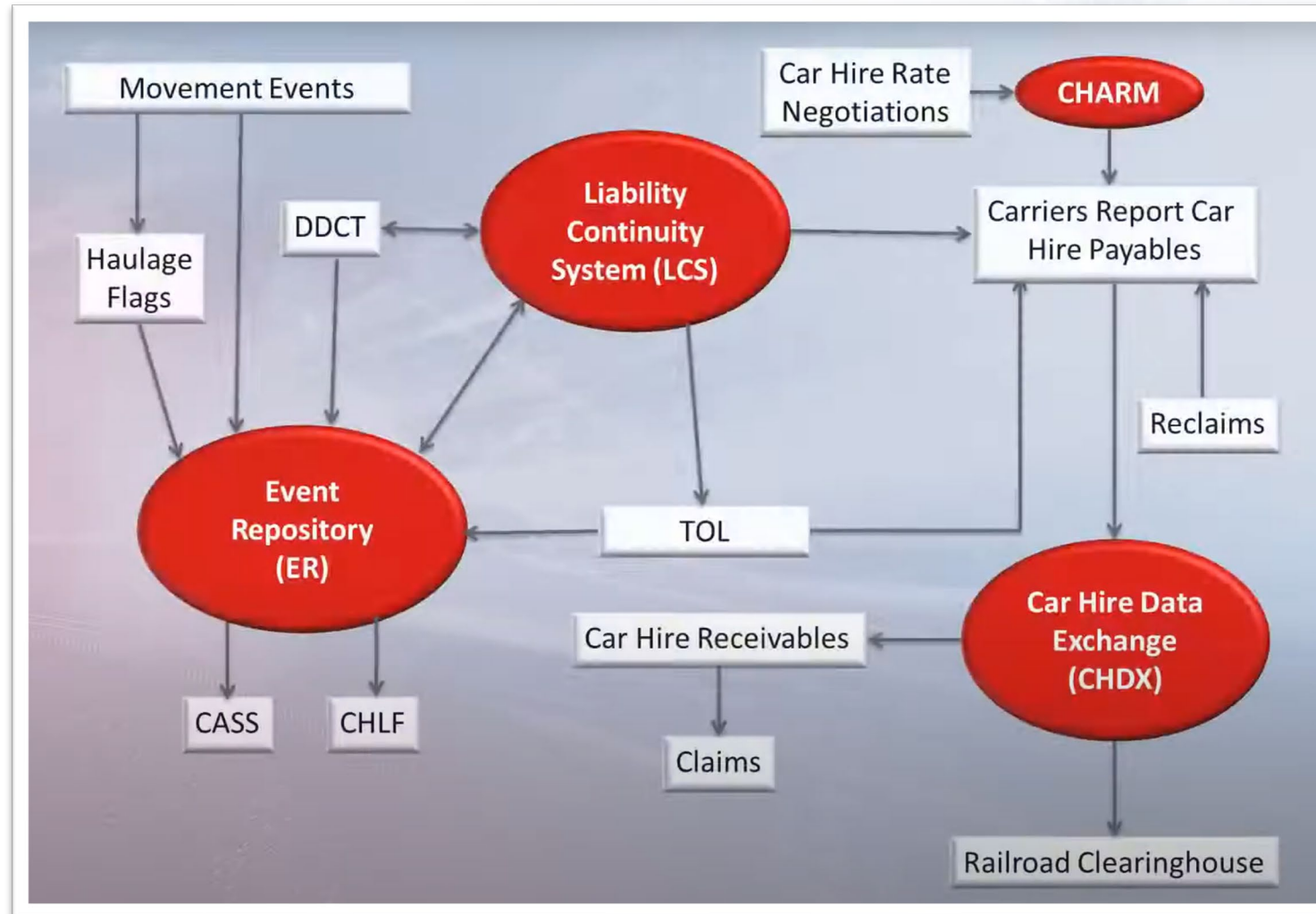


# DDCT and Car Hire



- 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. 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	Intermediate 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](#)

Event	Event Time ^	From Road	To Road	Posting Road	Liabile Road	Location
<input type="button" value="Filter Event"/>		<input type="button" value="Filter From Roa"/>	<input type="button" value="Filter To Roat"/>	<input type="button" value="Filter Posting Road"/>	<input type="button" value="Filter Liabile Road"/>	
ARIL	10/04/2020 21:49	BNSF		BNSF	BNSF	TN, MEMPHIS
ICHD	10/07/2020 00:25	DSP8	BNSF	AARG	BNSF	TN, MEMPHIS
ICHR	10/07/2020 00:26	BNSF	CSXT	CSXT	CSXT	TN, MEMPHIS
STOP	10/07/2020 00:26	AARL		AARG	AARL	TN, MEMPHIS
ICHD	10/07/2020 00:27	CSXT	DSP8	AARG	DSP8	TN, MEMPHIS
DFLC	10/07/2020 04:00	BNSF		BNSF	BNSF	TN, MEMPHIS
ARIL	10/07/2020 04:01	BNSF		BNSF	BNSF	TN, MEMPHIS



# Tips & Tricks: Utilizing the Search Screen



Search Incident, Defect Card, and ICB Record Reset Search

Equipment ID

Include Third Party Requests

Incident ID/Defect Card ID

From Date: 01-01-2011

To Date: 08-29-2021

Search As:  HC  CMO  Both

Rule/Defect Card/Record: [Toggle all](#)

- Rule 1
- Rule 96
- Rule 108
- ICB Record
- Rule 95
- Rule 107
- Defect Card

Status:  Open  Closed

ICB ID

Disposition Shop Mark

Shop Couplet SPLC

Equipment Group: All

Location SPLC

Incident Type: All

Defect Type: All

Removal Reasons: [Clear all](#)

- Autoclose - 3 loaded moves
- Autoclose - 48 months
- Expired

Equipment Status: Note: Statuses marked with an asterisk (\*) are in DDCT end state.

[Toggle all](#)

- New
- Actual DV/Disposition Requested
- Actual DV/Disposition Provided
- Disposition Requested
- Disposition Provided
- Salvage Value Provided

[Toggle In Progress States](#)

- Settlement Offered
- Settlement Rejected
- Handling Carrier Repair
- Car On Hand
- Intermediate Shop Complete

[Toggle End States](#)

- Settlement Accepted\*
- Car Repairs Completed\*
- Dismantled\*
- Removed\*

Reset Search

# Helpful Videos

A screenshot of the DDCT incident creation form. The form includes fields for Incident Date (02-15-2019), Interchange Rule (AAR Interchange Rule 1 - Care of Freight Cars), Alert Type ((None)), Location SPLC (Nine...), and Equipment (e.g. ...). A pop-up window is overlaid on the form, titled 'RAILINC Learn more about working with incidents:'. The pop-up contains a list of video links: Rule 1 Incidents video, Rule 1 Alert Incidents video, Rule 95 Incidents video, Rule 96 Incidents video, Rule 107 Incidents video, and Rule 108 Incidents video. At the bottom of the pop-up, there is a 'Was this helpful?' question with 'Yes' and 'No' buttons.

\* Incident Date 02-15-2019

Interchange Rule ? AAR Interchange Rule 1 - Care of Freight Cars

Alert Type (None)

\* Location SPLC Nine...

\* Equipment e.g. ...

Input the incident details for this interchange.

Legal Note

**RAILINC**

Learn more about working with incidents:

- [Rule 1 Incidents video](#)
- [Rule 1 Alert Incidents video](#)
- [Rule 95 Incidents video](#)
- [Rule 96 Incidents video](#)
- [Rule 107 Incidents video](#)
- [Rule 108 Incidents video](#)

Was this helpful?

- 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 product page on Railinc.com.

# Documentation Tab

A screenshot of the RAILINC website's navigation menu. The top navigation bar is dark grey with white text. The 'Documentation' tab is highlighted with a red box, and its dropdown menu is open, showing three items: 'Task Demos', 'Webinars', and 'User Guide'. The main content area below the menu shows a welcome message and news updates for the Damaged and Defective Car Tracking (DDCT) system.

**RAILINC** | Damaged and Defective Car Tracking System

Home Search Incidents ▾ Damaged Cars ▾ Defective Cars ▾ Defect Cards ▾ Shop ▾ Tools ▾ ICB ▾ Admin ▾ **Documentation ▾** IT

Welcome to the Damaged and Defective Car Tracking System.

News and Updates

**Damaged and Defective Car Tracking (DDCT) Release**

Railinc is pleased to announce the newest release of the Damaged and Defective Car Tracking (DDCT) system that occurred on Monday, June 29, 2020 at 10:00EDT.

**DDCT Release Highlights**

This release of DDCT includes the following enhancements to support the rail industry:

- Searches will now default the start date to 1/1/2011, to include all dates

- 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.

# Railinc.com Product Training



The screenshot shows the Railinc.com website navigation bar. The 'Products & Services' menu item is highlighted with a red rectangular box. Other menu items include 'Resources', 'Support' with a dropdown arrow, 'About Railinc' with a dropdown arrow, and 'Careers' with a dropdown arrow. Below the navigation bar is a breadcrumb trail: 'Home > Products & Services > Damaged and Defective Car Tracking'. The main content area features the title 'Damaged and Defective Car Tracking' in a large, black, sans-serif font. Below the title is a paragraph of text: 'Users of Damaged and Defective Car Tracking (DDCT) can easily update, retrieve, and share information in a timely manner. DDCT interfaces with many of Railinc's products for a near-seamless experience that facilitates better equipment management, improved rail safety, and reduced administrative costs.' This is followed by another paragraph: 'Damaged cars are handled in accordance with AAR Interchange Rule 107, and defective cars are handled in accordance with AAR Interchange Rules 1, 96, and 108. AAR Interchange Rule 95 is used for any damaged equipment that can be returned to service.' The final paragraph states: 'Demos and webinars below provide overviews of the most recent DDCT updates.'

# 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).

# Useful Links



- [DDCT User Guide](#)
  - [DDCT User Guide](#) (Spanish version)
  - [DDCT General FAQs](#)
  - [DDCT Handling Carrier FAQs](#)
  - [DDCT Car Hire/LCS FAQs](#)
  - [AAR Rule 107 Examples](#)
  - [Car Hire Information Page](#)
- 
- These documents can be found on [www.railinc.com](http://www.railinc.com)

# *Railinc Keeps You Moving.*

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