

Damaged Defective Car Tracking (DDCT) System

Presenters: Christy Kaplan & Carrie Rawson

November 16th & 29th, 2017

Agenda



- DDCT Overview
- Incident Lifecycle
- FindUs.Rail
- New Functionality in 2017
- What's coming in 2018
- Reference Guides for DDCT

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 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

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

- Stand alone 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

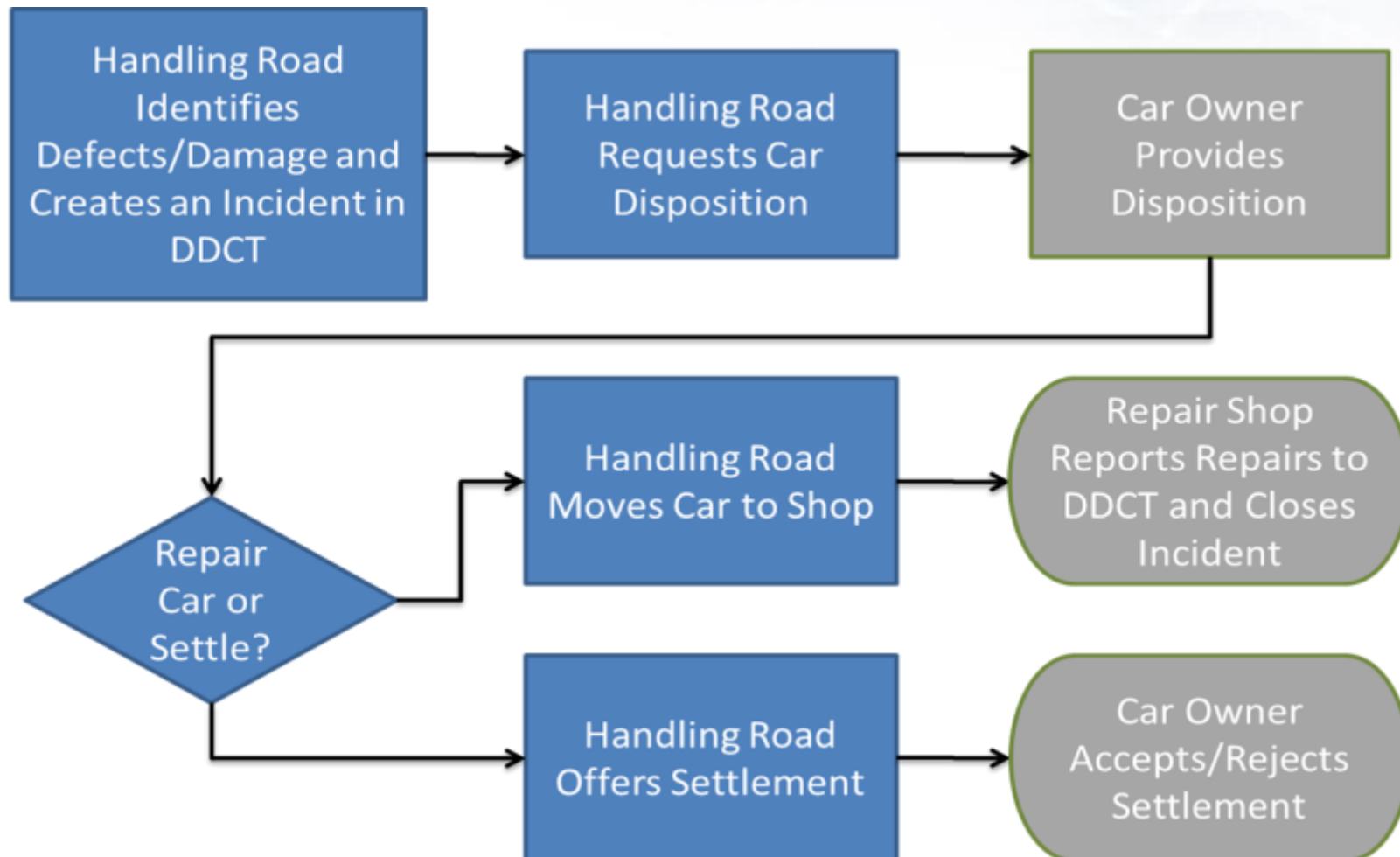
- Car Hire Implications
- Dispositions made

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

High Level DDCT Mechanical Process Flow



Who can create a DDCT incident?



- A Handling Carrier (HC) is the only one who can create an incident in DDCT and request disposition

A screenshot of the RAILINC Damaged and Defective Car Tracking System web application. The top navigation bar includes links for Home, Search, Incidents (highlighted with a red arrow), Damaged Cars, Defective Cars, Defect Cards, Shop, Tools, ICB, Admin, and Documentation. A dropdown menu for 'Incidents' is open, showing options: 'Create Incident' (highlighted with a red arrow), 'View Incident Drafts', and 'Third Party Requests'. The main form area is titled 'Create Incident' and contains several required fields: 'Incident Date' (11-07-2017), 'Interchange Rule' (AAR Interchange Rule 1 - Care of Freight Cars), 'Alert Type' (None), 'Location SPLC' (Nine-digits), and 'Equipment' (e.g. BNSF123456). A 'Required' label is present next to the 'Incident Date' field. Below the form, there are three buttons: 'Continue' (blue), 'Reset' (blue), and 'Cancel' (orange).

RAILINC | Damaged and Defective Car Tracking System

BSCXK01: RAIL

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

Create Incident
View Incident Drafts
Third Party Requests

Create Incident

* Incident Date 11-07-2017 Required

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

Alert Type (None)

* Location SPLC Nine-digits

* Equipment e.g. BNSF123456

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

Continue Reset Cancel

- HC identifies defects or damages per AAR Rules 1, 95 A , 96, 102, 107 or 108
 - Rules 1, 95 and 108 allow **one car per incident**
 - Rules 96 and 107 allow **multiple cars per incident**
 - Defect Cards can be created per AAR Interchange Rule 102 with or without an associated DDCT incident


Handling Carrier and Defect Cards



- Defect Cards can be created with or without an incident.
- Defect Cards can contain up to 40 itemized defects.

Defective Car Tracking System BSCXK01: RAIL

[Damaged Cars](#) [Defective Cars](#) **[Defect Cards](#)** [Shop](#) [Tools](#) [ICB](#) [Admin](#) [Documentation](#)

Create Defect Card  [Create Defect Card](#)
[View Defect Card Drafts](#)

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

*** Equipment ID**


*** Create Date**

Authorized Representative *** Required**


*** Name**

*** Station**

*** City**

*** State/Province** 

Third-Party 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](#)

Handling Carrier Requests Disposition



- HC requests disposition from the Car Mark Owner (CMO)
 - CMO contact listed in FindUs.Rail is notified
 - The Car Owner is defined as the stenciled mark owner in DDCT
- Request Disposition is available in the Damaged Cars or Defective Cars drop down menus or at the incident level

The screenshot displays the RAILINC Damaged and Defective Car Tracking System interface. The top navigation bar includes links for Home, Search, Incidents, Damaged Cars, Defective Cars, Defect Cards, Shop, Tools, ICB, Admin, and Documenta. The 'Damaged Cars' dropdown menu is open, showing options: Request Actual DV/Disposition, Provide Actual DV/Disposition, Offer Settlement / Handling Carrier Repair, Reject Actual DV, and Accept / Reject Settlement. The 'Defective Cars' dropdown menu is also open, showing options: Request Disposition, Provide Disposition, Dismantle Cars, and Accept / Reject Salvage Value. Below the navigation bar, the 'Disposition' section is visible, with a red arrow pointing to the 'Request ADV/Disposition' button in the bottom action bar.

- If CMO has not provided disposition after 15 days, HC can provide disposition on Rule 107 and Rule 108

Handling Carrier Requests Disposition



- Provide the HC contact information
- Select car to request disposition on
- Provide the STCC code and whether car can travel on its own wheels

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

*Contact Phone

*Contact Email

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 DV	Status	*Commodity/STCC Code fill	Loaded/Empty	*Can Travel On Own Wheels? fill	Disposition Note fill
<input checked="" type="checkbox"/>	AARE21	BOXC	RAIL00286896	04-30-2017	RAIL	AARE	\$46,491 USD	New	2097115 <input type="button" value="Q"/>	<input type="text"/>	Yes <input type="button" value="Q"/>	<input type="text"/>

Shop:

What visibility do Car Owners have?



- CMO has visibility to incident details once HC creates the incident
 - Defect Cards are visible if created for the incident
 - Estimated Depreciated Value (EDV) is visible on Rule 107 incidents

Car Details

Incident Information

Equipment ID : RAIL36
Equipment Group : BOXC
Incident ID : [RAIL00395943](#)
Incident Date : 01-12-2017
Interchange Rule : 1
Handling Carrier : RAIL - RAILINC CORPORATION

Incident Status : Open
Incident Location (SPLC) : Phoenix, AZ (797000000)
Car Mark Owner : RAIL - RAILINC CORPORATION

[Report Preview](#)

Handling Carrier (RAIL) Contact Information

Carrie Rawson - Business Analyst
carrie.rawson@railinc.com
919.651.5349
Cary, NC 27513 (US)

Car Mark Owner (RAIL) Contact Information

Carrie Rawson - Business Analyst
carrie.rawson@railinc.com
919.651.5349
Cary, NC 27513 (US)

Status : Disposition Requested
Last Shop Location (SPLC) :
Rack On Car : No
Incident Type :
Creation Date/Time : 01-12-2017 13:41:08 ET
Last Modified Date/Time : 01-12-2017 13:41:08 ET
Created By : SOPHIE13
Last Modified By : SOPHIE13

Defects

Defect Code	Description
C - Clean-out	

Settlement

Estimated Value: -\$994 USD
Actual DV : Not Provided

Disposition

Requested

Commodity/STCC Code	Load/Empty Status	Can Travel On Own Wheels?	Disposition Note	Contact Name	Contact Phone	Contact Email	User ID	Company ID	Timestamp
0112911		Y		Manager Cars	817.352.1426	noreply@railinc.com	VIKQAPP	BNSF	05-10-2017 10:41:35 ET

Provided

⚠ Disposition not provided

[Previous](#) [Remove From Incident](#) [Create Defect Card](#) [Provide ADV/Disposition](#) [Assign to Third Party](#) [Audit Log](#) [Done](#)

Car Owner Provides Disposition



- Disposition can be provided to any FindUs.Rail Registered:

- Repair Shop
- Scrapper
- Storage Facility
- Pre-Tripper

A screenshot of the Railinc web application interface. The top section is titled 'Actual DV' and contains a form with a label '*Actual DV:', a text input field, a currency dropdown menu set to 'USD', and a 'Calculate' button. Below this is a section titled 'Disposition Shops'. A red arrow points to the 'Disposition Options' section, which contains two radio buttons: 'Repair At Home/Contract Shop' (which is selected) and 'Handling Carrier To Provide Shop'. Below the radio buttons is a note: 'If repairing at home/contract shop, provide at least one repair shop and designate one as the final shop.' Below the note is a table with four columns: 'Final Shop', 'Shop ID + SPLC', 'Location', and 'Note'. The first row has a selected radio button, the text 'MFX' in the 'Final Shop' column, '411657000' in the 'Shop ID + SPLC' column, and a search icon in the 'Location' column. The second row has an unselected radio button and empty input fields for the other columns.

- Car Owners always have the disposition options to Repair at Home/Contract Shop or ask the Handling Carrier to Provide
 - On Rule 1 and 96 there is an additional option of a Waybill Location, which is provided when Railinc has a record of the current Waybill
 - On Rule 1 and 96 if disposition is not provided after 2 business days then the Handling Carrier can provide it
- For Rule 107 Actual DV must be provided at the same time as Disposition
 - If Actual DV/Disposition is not provided within 15 days the Handling Carrier can then provide disposition

Car Owner Provides Actual DV



- A Settlement Value Statement form is provided and populated according to equipment's Umler data
- If you do not agree with the system calculated Depreciated Value then you can override it and provide your own value

Settlement Value Statement

Equipment Type: ☒ Car ☐ Rack ☐ RAIL (Owner)
With reference to your communicate of 10/30/2017, file RAIL00294874 requesting AAR depreciated value of RAIL108, damaged at AHUMADA, CI (923252000) on 10/30/2017.

Equipment built on 04/2013 rebuilt on , weighing 58,100 lbs.

A - Original Cost:	\$200,000.00
B - Cost Factor, for year built:	202
C - Cost Factor, for year prior to damage 2016:	209
D - Base Reproduction Value (A * C / B)	\$206,931.00

Type	Date	Description	Cost	
Please Select..				Add

E - Reproduction Value (Additions and Betterments)	0
F - Total Reproduction Value (D + E)	\$206,931.00
G - Less Car Depreciation: Years: 4 Months: 6 at: 2.6 % = 11.7	\$24,211.00
H - Less Capitalized Betterments Depreciation: (rate of the car):	\$0.00
I - Less Exhibit V Depreciation:	\$0.00
J - AAR Depreciated Value (F - G - H - I):	\$182,720.00

Settlement Value Statement

Salvage Value Worksheet

Umler Tare Weight	58,100		
Non-Metallic Weight	0	Estimated Salvage Weight	58,100
	Enter Weight	US Credit Rate	Credit Value
Aluminum	0	0.54	\$0.00
Stainless Steel	0	0.35	\$0.00
Standard Steel	0	0.13	\$0.00
Total Salvage Weight	0.00		
Total Salvage Value	\$0.00		

***WARNING:** Your salvage weight does not equal the Umler provided tare weight minus non-metallic weight.

Settlement Value Statement

Depreciated Value Method:

- ☒ Depreciated Value \$182,720.00
- ☐ Salvage \$7,553.00
- ☐ Salvage + 20% \$9,063.00

Reject Actual DV or Offer Settlement



- HC can reject the Actual DV provided by the CMO, Offer Settlement or choose to Repair
- If HC chooses to offer settlement the CMO is notified
 - CMO can reject settlement or accept settlement, if accepted the incident is updated to *Settlement Accepted**
 - If CMO rejects settlement, HC will move the car to the dispositioned Shop
 - If no settlement accept/reject is provided within 45 days then the settlement is automatically accepted
- If HC chooses to Repair, the CMO is notified and the HC will move the car to the dispositioned Shop

Reject Actual DV

Required

Incident Summary

Equipment ID	Equipment Group	Incident ID	Incident Date	Car Mark Owner	Interchange Rule	Location	Estimated Value	Actual DV	Status
RAIL10	TANK	RAIL00239382	07-25-2014	RAIL	Rule 107	Knoxville, TN	\$36,534 USD	\$10,815 USD	Actual DV/Disposition Provided

Reason

* Reject Actual DV Reason

Maximum of 256 characters

You have typed characters.

Previous

Reject Actual DV

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: 1

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
<input checked="" type="checkbox"/>	RAIL100231	BOXC	RAIL00294689	07-28-2017	RAIL	Rule 107	Cary, NC	\$10,011 USD	\$9,360 USD	Actual DV/Disposition Provided

Previous

Offer Settlement

Handling Carrier Repair

Done

How will a Shop be notified when a car is disposition to them?



- DDCT sends a notification advising when a car is enroute along with the shop SPLC

Equipment RAIL1 on Incident ID UP00271844 has been provided disposition to your shop at SPLC 381441000.

For more detailed information on this incident, you will need to log into DDCT to view the Incident Details. If you need to contact the Handling Carrier or Car Mark Owner, please use the FindUs.Rail at <https://www.railinc.com> for free look-up and search by company ID.

Please contact Railinc Customer Support at csc@railinc.com or 1-877-724-5462 if you have any other questions.

- Shops can utilize FindUs.Rail to note capacity and facility capabilities

Repair Shop	
Category Role:	Secondary
Category Functions:	• Shop Contact
Capabilities:	Rule 1, Reflectorization, Re-Marking
Capacity Status:	
SPLC:	671685000
Location:	BORGER
State:	TX

Repair Shop	
Category Role:	Primary
Category Functions:	• Shop Contact
Capabilities:	
Capacity Status:	FULL - MUST CHECK WITH SHOP BEFORE SEDNING CARS
SPLC:	231123000
Location:	ELK MILLS
State:	MD

Cars Dispositioned to a Shop



- Use the 'Cars Dispositioned to Shop' to see cars coming to your shop

- Must have shop permissions to view

Cars Dispositioned to Shop

Search

Shop: RAIL Shop SPLC: []

Disposition Date From: 01-25-2017

Disposition Date To: mm-dd-yyyy

[Reset Search] [Search]

Result List

Note: This list shows cars that were identified by the car mark owner to be sent to your shop. It does not imply that these cars were actually way billed to your shop.

Click 'Equipment ID' to view equipment details. You must be the car mark owner to see equipment details. Total Items: 2 | Export CSV

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

Search: [Enter Text]

Equipment ID	Equip Group	Incident ID	Incident Date	Orig. Road	CRD	Rate	Defect	Location	Inter-mediate Shop	Inter-mediate Shop SPLC	Final Shop	Final Shop SPLC	Status	Dispo Date
AB0050682	BOXC	RAIL00283907	02-16-2017	RAIL	TTX	Rate 1	D - Decalment/Accident	Phoenix, AZ			RAIL	411657000	Disposition Provided	02-14-2017

- Search results can be narrowed down by Standard Point of Location (SPLC) and or Disposition Date Range

Shop Couplet Search

- Shop couplet data is derived from FindUsRail contact information.
- At least one field must be specified.
- SPLC must be complete 9-digit, if specified.
- Minimum characters required for fields: Company ID: 1, Company Name: 3, Location Name: 3
- Company ID, Company Name, and Location Name support wildcard (*) search. (Example: Joh* = John, Johnson; *ohn = John, *oh* = John, Johnson)

Company ID: [RAIL] Company Name: []

Category: [Repair Shop] Location Name: []

SPLC: [] State/Province: []

[Search] [Reset]

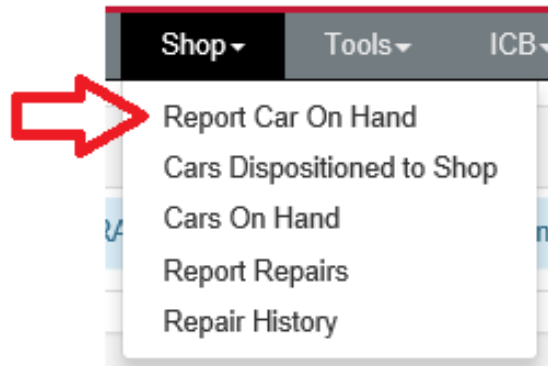
Company ID	Company Name	SPLC	Category	Location Name	St./Prov.
RAIL	RAILINC CORPORATION	411657000	REPAIRSHOP	CARY	NC

Capabilities: TESTING. Capacity Status: TESTING. Sophie Hami, Business Analyst, sophie.hamida@railinc.com, 540.282.7814.

How do I Report Car On Hand?



- Disposition/shop locations must report when equipment is at a respective location
 - Signifies shop has car and will work with CMO



Report Car On Hand

You have "Shop" and "Car Mark Owner" roles for RAIL. Specify the role that will govern reporting cars on hand.

Role: ☒ Shop ☐ Car Mark Owner * Required

Shop:

* Equipment:

At least one equipment ID is required.

NOTE: Entering cars for reporting car on hand may send a notification to the car owner that you have possession of the equipment.

Reporting Car On Hand continued...



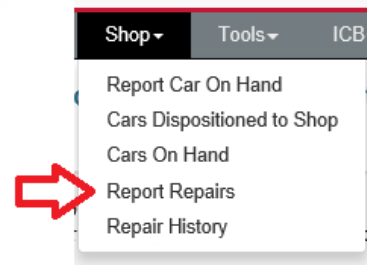
- Reporting Car on Hand allows the shop to see non-confidential incident details and defect cards (if available)
- Cars that have unexpectedly arrived at your shop need to be reported on hand
 - This notifies the CMO who can place the car on hand at your shop or work with the HC to re-route the car

⚠ Unexpected Equipment Arrival Top									
❗ The following equipment is not expected to arrive at your shop. We sent a notification to the car mark owner that an unexpected shop attempted to report a car on hand.									Total items: 1
Equipment ID	Equipment Group	Incident ID/DefectCard ID	Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Location	Status
AARE21	BOXC	GLC00269457	06-30-2016	GLC	AARE	Rule 1	A - Body	Cary, NC	Disposition Requested

Report Repairs



- The Report Repairs screen lets you select a Car on Hand and see the incident details and Defect Card if present



Repairs

General Incident Information

Equipment ID :	RAIL54055	Last Shop Location (SPLC) :	KCS - KANSAS CITY SOUTHERN RAILWAY COMPANY VANCOUVER, WA (849990000)
Equipment Group :	BOXC	Status :	Car On Hand
Incident ID/Defect Card ID :	AGR00277967	Incident Date :	11-29-2016
Incident Status :	Open	Incident Location (SPLC) :	Houck, AZ (790145000)
Interchange Rule :	108	Car Mark Owner :	RAIL
Handling Carrier :	AGR		

Handling Carrier (AGR) Contact Information

👤 Larry Everett - Chief Mechanical Officer
✉ noreply@railinc.com
☎ 251.575.8915
📍 Monroeville, AL 36460 (US)

Car Mark Owner (RAIL) Contact Information

👤 Carrie Rawson - Business Analyst
✉ carrie.rawson@railinc.com
☎ 919.651.5349
📍 Cary, NC 27513 (US)

Disposition

Disposition Requested by HC_DFCT from AGR on 2016-11-29 10:03:22 ET
Disposition Provided by CMODFCT from RAIL on 2016-11-29 10:03:45 ET

Notes

Incident Notes:	\$655	Commodity/STCC Code:	2041993
Disposition Requested Notes:	Disposition Requested		

Incident Defects

ⓘ These defects are not a part of a defect card and are not the responsibility of the handling carrier.

Defect Code	Description
B - Braking System	

Defect Card Repairs

These defects are available for shop repair

<input type="checkbox"/>	Defect Id	Description	Repair Status	Shop ID	Complete Timestamp
<input type="checkbox"/>	1	Door is broken	Complete	AGR	11-29-2016 10:03:33 ET
<input type="checkbox"/>	2	Wheel Set	Pending		
<input type="checkbox"/>	3	Paint	Pending		
<input type="checkbox"/>	4	Bolt Hole Crack	Pending		

(Please contact the Car Mark owner for authority to make repairs on this car. Per AAR Rule 102, you must have authority from the Car Mark owner to perform repairs.)

Report Repairs continued...



- The following options are available to the shop




- If you partially repair a car, select the item repaired and then select 'Report Selected Repairs'

Defect Card Repairs

These defects are available for shop repair

<input type="checkbox"/>	Defect Id	Description	Repair Status	Shop ID	Complete Timestamp
<input type="checkbox"/>	1	Door is broken	Complete	AGR	11-29-2016 10:03:33 ET
<input checked="" type="checkbox"/>	2	Wheel Set	Pending		
<input type="checkbox"/>	3	Paint	Pending		
<input type="checkbox"/>	4	Bolt Hole Crack	Pending		

(Please contact the Car Mark owner for authority to make repairs on this car. Per AAR Rule 102, you must have authority from the Car Mark owner to perform repairs.)

 ☒ Report Selected Repairs ☐ Car Inspected-No Defects Found ☐ Report Repairs Complete ☐ Intermediate Shop Complete

- Car Inspected-No Defects Found identifies repairs are not necessary and updates the incident to *Removed**
- Report Repairs Complete marks all items as completed and updates the incident to *Car Repairs Completed**
- Intermediate Shop Complete releases the car from your shop

How do I know when an incident is at an End State?



- An incident will close once all cars have reached an end state
 - Dismantled* - HC or CMO decides to scrap car
 - Removed* - HC, CMO, or System removed car from incident
 - Settlement Accepted* - CMO accepts settlement offered by HC
 - Car Repairs Completed* - Shop reports repairs to defects/damages on incident
 - Please note that Dismantling cars and Accepting/Rejecting salvage value on incidents created before February 21, 2017 is handled differently than on those created after February 21, 2017 due to the new workflow and Salvage Value Worksheet



RAIL110	TANK	BOCT00293785	06-22-2017	BOCT	RAIL	Rule 107	E - Doors	Bing, NE	Settlement Accepted*	
RAIL1302	BOXC	RAIL00279508	01-03-2017	RAIL	RAIL	Rule 1	K - Refrigeration Equipment	Etzikom, AB	Car Repairs Completed*	
RAIL238047	FLAT	BOCT00287200	05-18-2017	BOCT	RAIL	Rule 107	A - Body	Bing, NE	Settlement Accepted*	
RAIL40119	BOXC	BOCT00287225	05-19-2017	BOCT	RAIL	Rule 107	A - Body	Bing, NE	Settlement Accepted*	
RAIL4405	BOXC	UP00279507	01-03-2017	UP	RAIL	Rule 1	I - Load Restraining Devices	Etzikom, AB	Removed*	No defects found

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 contact primary and or secondary contact 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

New Functionality in 2017



- New Global Search and Results
- Changes to Rule 107 incidents to comply with Exhibit II of the AAR Interchange Rules
- Car Owners can now sign up to receive a copy of Handling Carrier Notifications

New Global Search



- You will be able to search for Incidents, Defect Cards, and Interchange Bureau Records in one step.
 - Defaults to search for all
- You can now search for equipment closed systematically with the following removal reasons:
 - Autoclose – 3 loaded moves
 - Autoclose – 48 months
 - Expired

A screenshot of the RAILINC Global Search web interface. The form is organized into several sections with labels and input fields. At the top, there are fields for 'Equipment ID' (with a placeholder 'eg UP123456'), 'Incident ID/Defect Card ID' (with a placeholder 'eg MARK00123456'), and 'ICB ID' (with a placeholder 'eg 123'). Below these are date pickers for 'From Date' and 'To Date', both set to '10-30-2016'. There are also search fields for 'Handling Carrier' and 'Car Mark Owner', both with a placeholder '2 - 4 alpha'. A 'Rule/Defect Card/Record' section contains a 'Toggle all' link and a grid of checkboxes for 'Rule 1', 'Rule 95', 'Rule 96', 'Rule 107', 'Rule 108', 'Defect Card', and 'ICB Record', all of which are checked. Below this is a 'Location SPLC' field with a placeholder 'Nine-digits' and a search icon. There are dropdown menus for 'Incident Type' and 'Defect Type', both set to 'All'. A 'Status' section has checkboxes for 'Open' (checked) and 'Closed'. An 'Equipment Status' section includes a 'Toggle all' link and a grid of checkboxes for various status categories: 'New', 'Actual DV/Disposition Requested', 'Actual DV/Disposition Provided', 'Disposition Requested', 'Disposition Provided', 'Salvage Value Provided', 'Car Repairs Completed*', 'Intermediate Shop Complete', 'Settlement Offered', 'Handling Carrier Repair', 'Settlement Accepted*', 'Settlement Rejected', 'Car On Hand', 'Dismantled*', and 'Removed*', all of which are checked. A 'Removal Reasons' section has a 'Clear all' link and a dropdown menu showing 'Autoclose - 3 loaded moves', 'Autoclose - 48 months', and 'Expired'. A note at the bottom of the 'Equipment Status' section states: 'Note: Statuses marked with an asterisk (*) are in DDCT end state.'

New Query Results



Search Results

Incident Results

Search:

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

Equipment ID	Equipment Group	Incident ID	Incident Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Location	Status	Removal Reason
RAIL108	TANK	RAIL00294874	10-30-2017	RAIL	RAIL	Rule 107	B - Braking System	Ahumada, CI	Actual DV/Disposition Requested	

10

50

100

250

500

1000

Defect Card Results

Search:

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

Equipment ID	Equipment Group	Incident ID/Defect Card ID	Incident Date	Handling Carrier	Car Mark Owner	Interchange Rule	Status	Location	Defect Card Created Date	Draft	Removal Reason
RAIL108	TANK	RAIL00294876	10-30-2017	RAIL	RAIL	Defect Card	New	N/A	10-30-2017	N	

10

50

100

250

500

1000

ICB Results

Search:

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

Id	Type	Equipment ID	Date	From Road	To Road	Bureau Id	status
512	Defect Identification	RAIL108	10-01-2017	RAIL	RAIL	RAIL - RAILINC CORPORATION	Open

10

50

100

250

500

1000

- Query Results for Incident, Defect Card, and ICB records will be displayed on one page
- You can individually search within each results list
- CSV reports can individually be generated

New Query Results



Incident Results

Search: Total items: 14 | [Export CSV](#)

Equipment ID	Equipment Group	Incident ID	Incident Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Location	Status	Removal Reason
RAIL1	MISC	RAIL00276135	11-03-2016	RAIL	RAIL	Rule 1	M - Trucks	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	RAIL00277779	11-21-2016	RAIL	RAIL	Rule 1	B - Braking System	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	RAIL00277780	11-21-2016	RAIL	RAIL	Rule 1	B - Braking System	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	RAIL00279609	01-10-2017	RAIL	RAIL	Rule 108	E - Doors	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	RAIL00279640	01-12-2017	RAIL	RAIL	Rule 1	E - Doors	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	RAIL00280423	01-17-2017	RAIL	RAIL	Rule 108	F - Draft System	Phoenix, AZ	Disposition Requested	
RAIL1	MISC	BNSF00285734	04-19-2017	BNSF	RAIL	Rule 1	W - Early Warning/Maintenance Advisory	Chicago, IL	Disposition Requested	
RAIL1	MISC	BNSF00285745	04-19-2017	BNSF	RAIL	Rule 1	W - Early Warning/Maintenance Advisory	Chicago, IL	Disposition Requested	
RAIL1	MISC	BNSF00285835	04-19-2017	BNSF	RAIL	Rule 1	W - Early Warning/Maintenance Advisory	Chicago, IL	Disposition Requested	
RAIL1	MISC	RAIL00286747	04-27-2017	RAIL	RAIL	Rule 108	A - Body	Cary, NC	Disposition Requested	

« 1 2 »

10 50 100 250 500 1000

Defect Card Results

No defect card results found matching search criteria.

- A message will display if no results are found.
- Results will be broken into pages when more than 10 results are found for each type.
 - Results view can be increased up to 1000

New Query Results

- You can now see the Removal Reason for closed equipment and incidents



Search Results										
Incident Results										
Search: <input type="text" value="Enter Text"/>				Total items: 6 Export CSV						
Equipment ID	Equipment Group	Incident ID	Incident Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Location	Status	Removal Reason
MMA15210	BOXC	MMA00150949	07-15-2013	MMA	AEX	Rule 107	D - Derailment/Accident	Megantic, PQ	Removed*	Autoclosed no defect card present, exceeds 4 years from incident date
MMA15267	BOXC	MMA00150949	07-15-2013	MMA	AEX	Rule 107	D - Derailment/Accident	Megantic, PQ	Removed*	Autoclosed no defect card present, exceeds 4 years from incident date
MMA15278	BOXC	MMA00150949	07-15-2013	MMA	AEX	Rule 107	D - Derailment/Accident	Megantic, PQ	Removed*	Autoclosed no defect card present, exceeds 4 years from incident date
MMA15285	BOXC	MMA00150949	07-15-2013	MMA	AEX	Rule 107	D - Derailment/Accident	Megantic, PQ	Removed*	Autoclosed no defect card present, exceeds 4 years from incident date
MMA15294	BOXC	MMA00150949	07-15-2013	MMA	AEX	Rule 107	D - Derailment/Accident	Megantic, PQ	Removed*	Autoclosed no defect card present, exceeds 4 years from incident date

Changes to Rule 107 incidents to comply with Exhibit II of the AAR Interchange Rules



- DDCT will be starting to calculate the age of equipment on Rule 107 Incidents to determine if "Salvage Value Only" rules apply to the equipment.
- If it is applicable to Salvage Value Only, then DDCT will calculate an Estimated Salvage Value instead of the standard Estimated Depreciated Value.
- Estimated Salvage Value will be equal to the Umler Tare Weight times the Standard Steel Credit Rate.

Exhibit II
Settlement Value Chart

Type of Equipment	Years Since Built, Rebuilt, or Certified for ILS	Settlement Value
Tank Car Lined or Non-Corrosive Built Prior to July 1, 1974 & Caboose Cars	0–35	<i>Depreciated Value</i> per Section G., Exhibit I, <i>Summary Settlement Value Chart</i> or <i>Salvage Value Plus 20%</i> (whichever is greater)
Tank Car, Corrosive, Unlined	0–25	
All Other Cars Built Prior to July 1, 1974	0–30	
All Cars Except Tank Car, Corrosive, Unlined, Built July 1, 1974 or Later or Cars Approved for <i>Extended Service Status</i>	0–40	
Tank Car Lined or Non-Corrosive Built Prior to July 1, 1974 & Caboose Cars	*Over 35	<i>Salvage Value Only.</i>
Tank Car, Corrosive, Unlined	*Over 25	
All Other Cars Built Prior to July 1, 1974	*Over 30	
All Cars Except Tank Car, Corrosive, Unlined, Built July 1, 1974 or Later or Cars Approved for <i>Extended Service Status</i>	*Over 40	

*Up to AAR Mandatory Retirement Age

Changes to Rule 107 incidents to comply with Exhibit II of the AAR Interchange Rules



Settlement Value Statement

Equipment Type: ☒ Car ☐ Rack **AARE** (Owner)
With reference to your communique of **10/30/2017**, file **RAIL00294874** requesting AAR depreciated value of **AARE1008**,
damaged at **AHUMADA, CI (923252000)** on **10/30/2017**.

Equipment built on **01/1974** rebuilt on , weighing 73,100 lbs.

A - Original Cost:

\$25,000.00

B - Cost Factor, for year built:

40

C - Cost Factor, for year prior to damage 2016:

209

D - Base Reproduction Value (A * C / B)

\$130,625.00

Type	Date	Description	Cost
Please Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>
			Add

E - Reproduction Value (Additions and Betterments)

0

F - Total Reproduction Value (D + E)

\$130,625.00

G - Less Car Depreciation: Years: **43** Months: **9** at: **2.6** % = **90**

\$117,562.00

H - Less Capitalized Betterments Depreciation: (rate of the car):

\$0.00

I - Less Exhibit V Depreciation:

\$0.00

J - AAR Depreciated Value (F - G - H - I):

\$13,063.00

Settlement Value Statement

Salvage Value Worksheet

Umler Tare Weight

73,100

Non-Metallic Weight

0

Estimated Salvage Weight

73,100

	Enter Weight	US Credit Rate	Credit Value
Aluminum	0	0.54	\$0.00
Stainless Steel	0	0.35	\$0.00
Standard Steel	73,100	0.13	\$9,503.00

Total Salvage Weight

73,100.00

Total Salvage Value

\$9,503.00

Settlement Value Statement

[NOTE: Salvage Value Only; per AAR Office Manual Interchange Rules Exhibit II]

Depreciated Value Method:

☒ Salvage **\$9,503.00**

BackApplyCancel

Car Owners can receive copy of Handling Carrier notifications



- Car Owners can sign up for a copy of any or all of the following Handling Carrier notifications.
 - Disposition/DV provided
 - Settlement Accepted
 - Settlement Rejected
 - Dismantled
 - Salvage Value Provided
- The copy notifications will be received according to your current FindUs.Rail setup.

What's Coming in 2018



- Ability to search for multiple equipment ID's in one query.
- Allow the shop to report an unexpected arrival on Rule 107 incidents in New status.
- Handling Carriers will be able to indicate when Transfer of Lading is required on a Rule 108.
- Ability to identify an unexpected arrival shop as the final shop. Doing so will remove it from the originally dispositioned shops expected car list.

Reference Guides for DDCT



- The following manuals can assist users in understanding AAR rules govern DDCT
 - Office Manual and Field Manual of the AAR Interchange Rules contain
 - Rules 95A, 102, and 107 for Damaged equipment
 - Rules 1, 96, and 108 for Defective equipment
 - DDCT industry participation and information is located in AAR Interchange Rule 115
 - FindUs.Rail contact information is required for DDCT per AAR Interchange Rule 114
- Railinc.com has a DDCT page with reference materials such as:
 - DDCT User Guide which includes instructions and process flow for DDCT
 - Webinars, Demos and FAQ's on DDCT

Railinc Keeps You Moving.

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