



Damaged and Defective Car Tracking System (DDCT)

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11/17/11



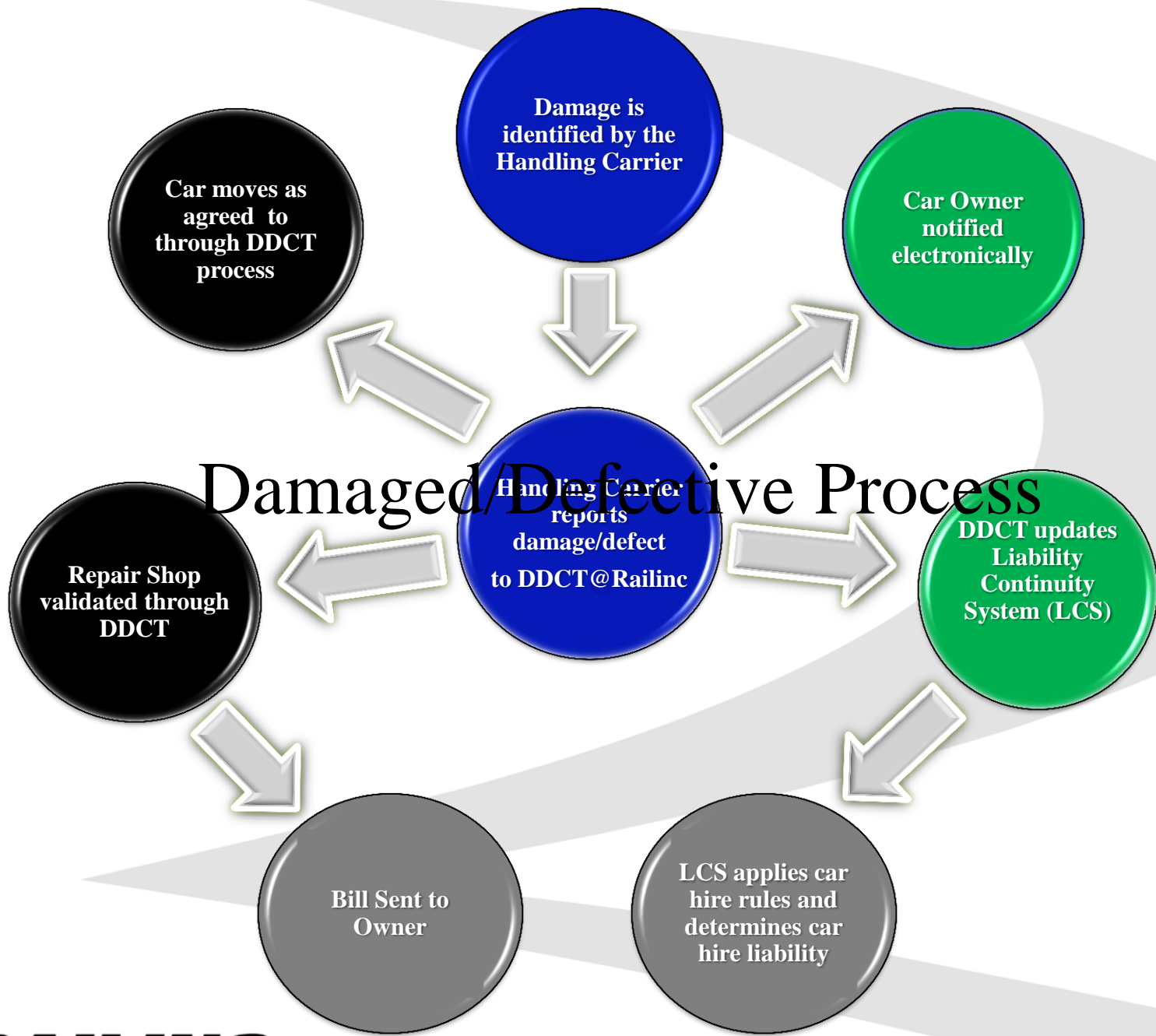
Agenda

- Overview of the DDCT System Process
- DDCT Benefits
- Special Events in DDCT
- The DDCT Incident Lifecycle
- DDCT Functionality
- Dispo Location Prerequisites (FindUs.Rail)
- New Initiatives in 2012

DDCT Overview

DDCT Overview

- The Damaged and Defective Car Tracking System was requested jointly by ARB and EAC Committees to serve as a centralized system to track damaged and defective cars under AAR Interchange rules and Car Hire rules
- Railroads, Car Owners and Disposition Location Entities are required, per AAR Rule 115, to utilize DDCT.



DDCT Benefits

Accessibility

Data Quality

Efficiency

Security

Accessibility

- Centralized source for incident tracking
- Increased visibility of damaged and defective cars
- Electronic Defect Cards
- Multiple methods available to access DDCT
 - DDCT Web UI
 - Web Service Request
 - Mobile App Request
 - Combination of any of the above

Data Quality

- Standardized Process
- Data edits reduce errors and data conflict
- Integrates with other Railinc systems:
 - Umler™, Industry Reference Files (IRFs), Event Repository
- Reduction in payable & receivable claims
- Historical records of the incidents and their resolution

Efficiency

- Update incident information real-time
- Receive Estimated DV upon incident creation
- Automated car-hire process eliminates reclaims
- Elimination of installation and maintenance of defect card brackets
- Web services to integrate with the Railinc DDCT system

Security

- Single Sign On (SSO)
 - Company specific permissions
 - Role specific permissions
- Possession check
 - Cannot create an incident without possession
- Estimated DV is accessible only when creating an incident
 - Car Mark Owner is notified when EDV is requested

Special Events in DDCT

New Terminology

- “Paperless Defect Card”
 - The replacement of the defect card in DDCT
 - It is tied to a car on an incident
 - It stays with the car/incident until the incident is closed

New Terminology - Actors

- “Handling Carriers”
 - Railroads that create DDCT incidents and handle cars with DDCT incidents
 - Sometimes called “originating carrier” if referring only to the road that created an incident
- “Car Mark Owners”
 - The stencil mark owners of a car on an incident
- “Shops”
 - Any repair facility that makes repairs to a car on a DDCT Incident

Notifications

- Email
 - Sent to entities registered in FindUs.Rail
 - Notifications are sent for any major event in DDCT
 - Can be group emails - Customized through FindUs.Rail
- MQ
 - Sent to companies to automate incident information with their internal systems
- Companies determine their preference

Car Hire Implications

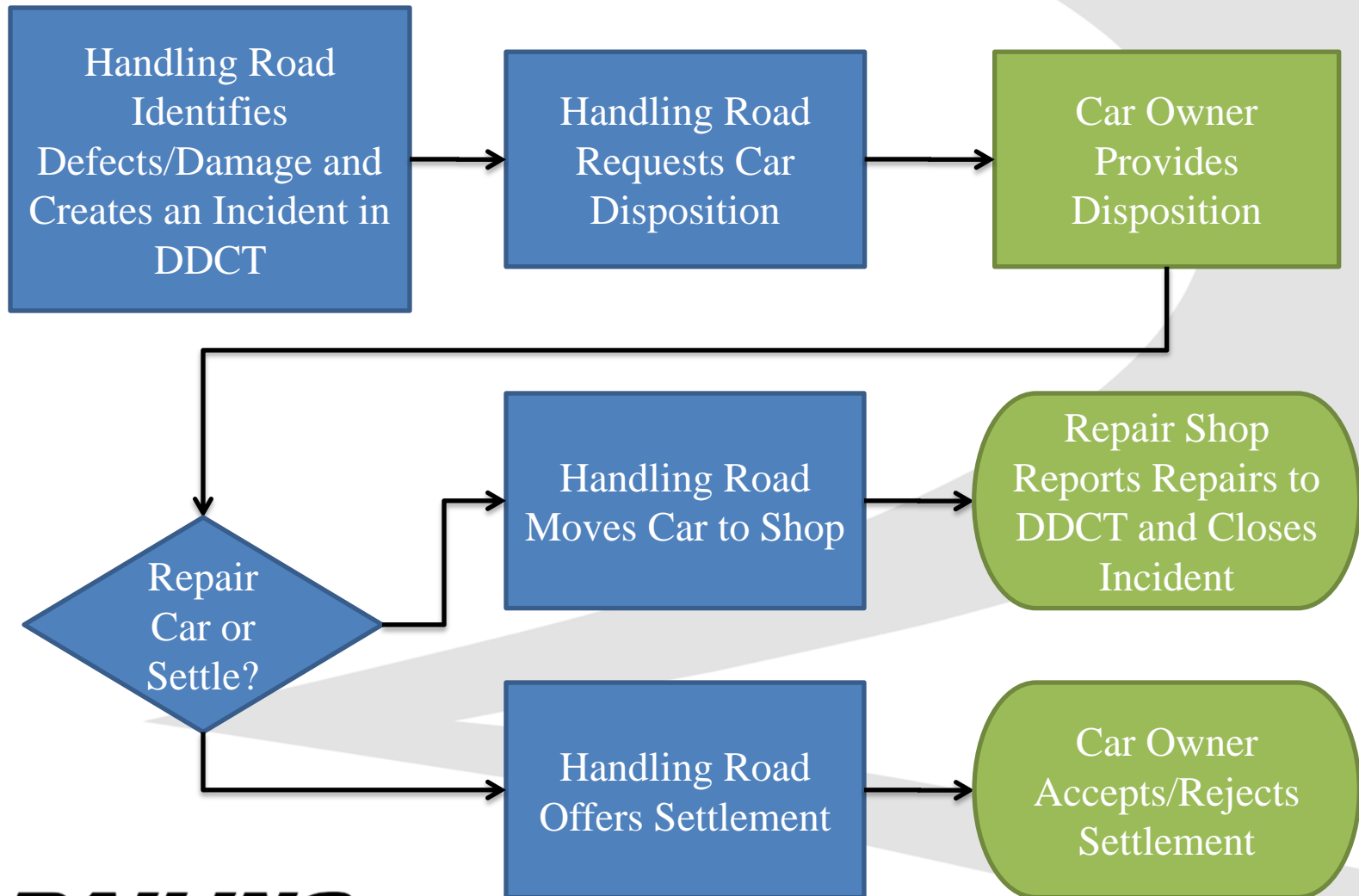
- Car Hire calculated when car has incident opened in DDCT
- LCS is updated with key events from DDCT
- Precautions to handle normal LCS processing:
 - L/E/L – Appears car is in Revenue Service
 - Interchanged to Current Handling Carrier
 - Normal LCS Processing Resumes
 - Car Removed from Incident
 - Interchanged to Current Handling Carrier
 - Normal LCS Processing Resumes

Early Warning

- When DDCT Incidents are created, the cars are added to a Maintenance Advisory letter in the Early Warning System
- Each Rule number has a dedicated MA letter number
 - Rule 1: MA-124
 - Rule 95: MA-125
 - Rule 107: MA-127
 - Rule 108: MA-128
- Cars are removed from the letter at the end of the incident lifecycle

DDCT Incident Lifecycle

High Level DDCT Mechanical Process Flow



**Damaged Incident
Carrier Responsibility**

Rule 107 – Major Damage

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

**Defective Incident
Car Owner Responsibility**

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 1 – Minor Defects

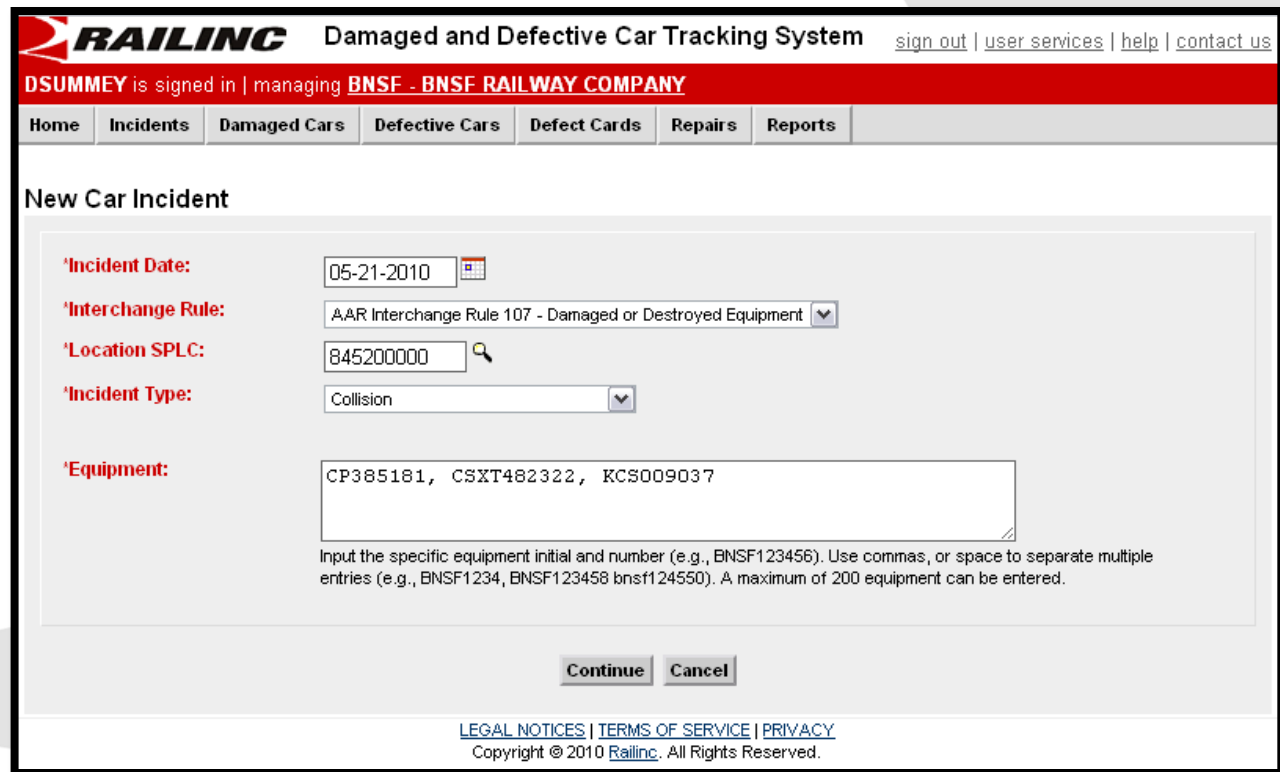
- Car Hire Implications
- Dispositions made

DDCT Functionality

DDCT Railroad Functionality

Railroads can

- Report and document damage
- Provide incident details
- Receive estimated depreciation for cars involved in an incident
- Request Actual DV & Dispo
- Handle settlements





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DSUMMEY is signed in | managing **BNSF - BNSF RAILWAY COMPANY**


[Home](#) | [Incidents](#) | [Damaged Cars](#) | [Defective Cars](#) | [Defect Cards](#) | [Repairs](#) | [Reports](#)

New Car Incident

'Incident Date: 

'Interchange Rule: 

'Location SPLC: 

'Incident Type: 

'Equipment:

Input the specific equipment initial and number (e.g., BNSF123456). Use commas, or space to separate multiple entries (e.g., BNSF1234, BNSF123458 bnsf124550). A maximum of 200 equipment can be entered.

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DDCT Car Owner Functionality



Damaged and Defective Car Tracking System

LARRYCMO: KCS

Launch Pad ▼

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Sign

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Provide Defective Car Disposition

Incident Summary

Equipment ID	Equipment Group	Incident ID	Incident Date	Originating Road	Interchange Rule	Incident Location	Current Location	Status
KCS171981	BOXC	NS00014724	07-01-2011	NS	Rule 1	SHEFFIELD, AL (473330000)	(unavailable)	Disposition Requested

Disposition Shops

*Disposition Options:

☒ Repair At Home/Contract Shop

☐ Handling Carrier To Provide Shop

If repairing at home/contract shop, provide at least one repair shop and designate one as the final shop.

Final Shop	Shop ID + SPLC	Location	Note
<input type="radio"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Continue

Cancel

Car owners can

- Manage data on car condition, repairs and location
- Receive detailed information on damage to car
- Provide Actual DV and disposition
- Accept or reject settlement offers
- Make decisions about repairing or scrapping equipment



DDCT Shop Functionality

Repair shops can

- Receive information on car arrival, condition and needed repairs
- Maintain an inventory of cars on site
- Update car owners on the status of repairs

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Repairs

General Incident Information

Equipment ID:	KCS720049	At Shop:	CAGY
Equipment Group:	GOND	Status:	Car On Hand
Incident ID:	AGR00014014	Incident Date:	04-14-2011
Incident Status:	Car On Hand	Location (SPLC):	MOBILE, AL (479800000)
Interchange Rule:	1	Car Mark Owner:	KCS
Handling Carrier:	AGR		

Disposition

Disposition not provided.

Incident Defects

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

Defect Code	Description
A - Body	re test US4238

Defect Card Repairs

No defect card created for this equipment.

(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.)

Disposition Location Prerequisites

FindUs.Rail

FindUs.Rail

- Register at FindUs.Rail. This is **required** for DDCT by industry regulations

RAILINC FindUs.Rail

User sdnml01 is signed in as Company Administrator | managing RAIL - RAILINC CORPORATION

Home Contacts **Categories** Agency Search MARKs Notifications

Welcome

FindUs.Rail is a web-based centralized database that allows users to review and manage their company's contact information. It helps railroad departments, private car owners, and leasing companies stay connected. Users are able to query contacts and agency relationships for industry functions and roles. Contacts are organized under various categories, each managed by Company Administrators. Administrators can add, update, and delete contacts for the categories they manage. The Railinc Application Administrator is responsible for adding and removing categories.

News and Updates

Railinc Launches TrainFax Site

Cary, N.C. (May 12, 2010)—Railinc Corp. announced today the launch of the new Railinc TrainFax website that now delivers reliable, up-to-date rail equipment information in a single report. Freight rail equipment owners, lessees, investors, insurers, inspectors and other professionals conducting asset-related research can purchase an easy-to-read, rail equipment report in a standard downloadable format that compiles critical rail equipment data from rail industry sources and Railinc databases.

Product details, including a sample TrainFax report, are available on the product website at www.railinc.com/trainfax.

FindUs.Rail – RR and Car Owners

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User NFimple is signed in as IT Support / Application Administrator | [manage company](#)

Home | Contacts | Categories | Agency | MARKs | Notifications | Expiration/Transfers | Admin | **IT Support**

Manage Categories

To view or edit a category, click the category name. To view contacts for a category, click the contact total.

Items 21 | [Export CSV](#)

Damaged Defective Car Tracking	221	316	Application	Any	Public	90	14	08-01-2008 13:47:46 tjhill
Handling Carrier Defective Car Management	68							
Third Party Agent	56							
Handling Carrier Damaged Car Management	74							
Mark Owner Damaged Car Management	194							
Mark Owner Defective Car Management	188							
Early Warning	127	193	Application	Any	Public	90	14	05-05-2008 00:00:00 SYSTEM
Maintenance Advisory	127							

[Add](#) [Done](#)

Required
for car
owners
and
railroads

FindUs.Rail – Shops

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Manage Categories

To view or edit a category, click the category name. To view contacts for a category, click the contact total.

Items 21 | Export [csv](#)


Category Name	Contact Total	Application	Agency	Public	Item Count	Export	Timestamp
Owner Supplied Material	67	295	Application	Any	Public	90 14	05-05-201 00:00:00 SYSTEM
Rule 85	67						
Repair Shop	17	0	Application	Any	Public	90 14	08-17-201 10:45:36 tjhill
Shop Contact	17						
RTAT	16	0	Application	Any	Public	90 14	08-17-201 10:42:41 tjhill
Point of Contact	16						

[Add](#) [Done](#)

Required for shops

Car owner **cannot** dispo a car to a location that is not in FindUs.Rail

FindUs.Rail – Shops

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Home | Contacts | Categories | Agency | MARKS | Notifications | Expiration/Transfers | Admin | **IT Support**

View Contact

[printer-friendly](#)

Contact					
Company ID/MARK	AMLX		Company	AMERICAN RAILCAR COMPANY	
First Name			Company Reference		
Last Name			Website URL		
Title/Position	Mississippi Shop		Notes		
Email	shopms@amlx.com				
Phone - Primary	403.555.1234				
Phone - Secondary					
Fax					
Address	111 test		Created By	BSDCS01	
			Created Date	08-20-2010 11:47:38	
			Last Modified By	BSDCS01	
			Last Modified Date	08-20-2010 11:48:09	
City	Bude		Last Verified By	BSDCS01	
St./Prv.	MS		Last Verified Date	08-20-2010 11:48:09	
Postal Code	12345				
	Country	US			

Categories

Repair Shop

Category Role

Category Functions

SPLC

Secondary

• Shop Contact

489247000

Prior Versions | Audit Log | Done

FindUs.Rail

- Contact information is required for DDCT by industry regulations
- DDCT Category
 - Required for Car Owners & Railroads
- Shop Category
 - Required for Repair Shops
 - SPLC Required for each Shop location



PRODUCTS & SERVICES

Products and Services
Overview

Car Accounting

Damage Prevention and
Loading Services

Equipment Health

- [DDCT System](#)
- [Get Ready for DDCT](#)
- [DDCT Capabilities](#)
- [DDCT Training](#)
- [Event Schedule](#)
- [EHMS Presentations](#)

Equipment Repair

Financial Data Exchanges

Mergers and Acquisitions

Messaging

Publications

Railroad Clearinghouse

Reference Files

Tracing Products

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DDCT System Industry Project Overview

For decades, railroads, car owners and repair shops each maintained their own manual processes for tracking, identifying and repairing damaged and defective cars. Because there was no standardized system, data retrieval could be time-consuming and complicated, and information was often unreliable.

The new Damaged Defective Car Tracking (DDCT) system automates this manual process through an easy-to-use, centralized web-based application. Now users have real-time access to information through a single standardized source. And users can easily update, retrieve and share information in a timely manner. The result is better communication and collaboration among rail partners for better equipment management, improved rail safety and reduced administrative costs.

The new DDCT system, developed by Railinc, goes live in January 2011.

DDCT Project Resources Now Available

This website will provide training background materials, event schedules, training resources and user guides to help your organization get ready for the new system. Information will be posted as it becomes available. Use the menu below to navigate to important DDCT resources.

DDCT Resource Pages

- [Get Ready for DDCT](#)
- [DDCT System Capabilities](#)
- [DDCT Training Information](#)
- [Event Schedule](#)

PRODUCTS & SERVICES

Products and Services
Overview

Car Accounting

Damage Prevention and
Loading Services

Equipment Health

- [DDCT System](#)
- [Get Ready for DDCT](#)
- [DDCT Capabilities](#)
- [DDCT Training](#)
- [DDCT Webinars](#)
- [Event Schedule](#)
- [Real-Time Asset Tracking](#)
- [EHMS Presentations](#)

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Messaging

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[Products & Services](#) » [Equipment Health](#) » [DDCT System](#) » [DDCT Training](#) »
[DDCT Webinars](#)

DDCT Webinar Schedule

Railinc is offering a series of webinars to help railroads, equipment owners and repair shops prepare for the launch of the new Damaged and Defective Car Tracking (DDCT) System in January 2011. The DDCT system affects the reporting, documentation and management of damaged equipment under AAR rules 1, 95, 107 and 108.

Webinar Schedule for October 2011

Railinc is pleased to announce the October dates for its DDCT webinars. These first two webinar sessions are designed to present an overview of the DDCT system and related processes. Railinc highly recommends participating in these webinars to help prepare for the launch of the DDCT system in January 2011. Here are the webinar descriptions, times and registration links:

Introduction to DDCT: This session will cover basic information about the Damaged/Defective Car Tracking (DDCT) System to answer the following questions: what is DDCT, who will be affected by DDCT, when will DDCT will go-live and what you can do to get ready for DDCT. The dates for this webinar are:

- September 29th, 3 PM (ET), [Click here to register for this webinar.](#)
- October 1st, 11 AM (ET), [Click here to register for this webinar.](#)
- October 8th, 2 PM (ET), [Click here to register for this webinar.](#)
- October 27th, 11 AM (ET), [Click here to register for this webinar.](#)

Basic DDCT Process: This session will cover the basic process flow of the incident life cycle within DDCT, including incident creation, requesting/providing disposition, creating defect cards and shop repairs.

- October 13th, 3 PM (ET), [Click here to register for this webinar.](#)
- October 27th, 2 PM (ET), [Click here to register for this webinar.](#)

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New DDCT Initiatives in 2012

- Umler[®] System Information Integration with DDCT
- Interchange Bureau Functionality
- Actual DV value Functionality
- Increased Car Owner Update Capabilities
 - Increased Edit ability
 - Autoclose Functionality
 - Administrative Close/Update Functionality



Contact us:
1- 877-RAILINC
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Questions?

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