

Damaged Defective Car Tracking (DDCT) System

June 27th & 28th, 2017

Agenda

- DDCT Overview
- Incident Lifecycle
- FindUs.Rail
- 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

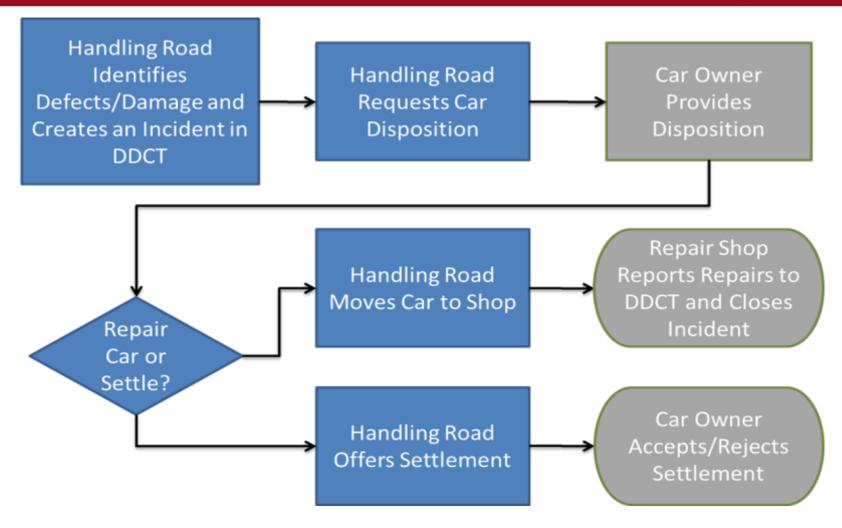


DDCT Utilizes Industry Applications

- 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



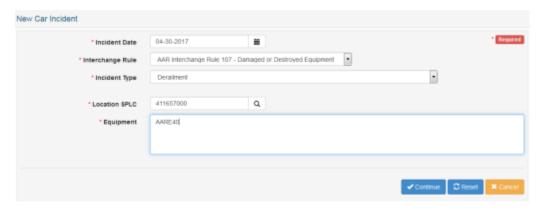
High Level DDCT Mechanical Process Flow





Handling Carrier Initiates Incident

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



- 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

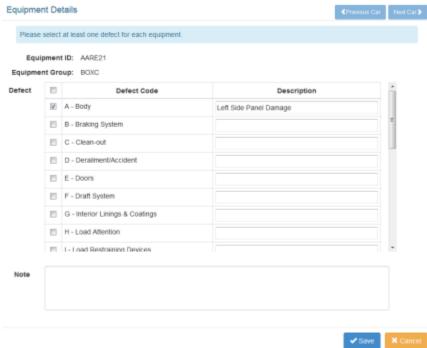


Handling Carrier Creates Defect Card

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



Any user can view a Defect Card but at varying levels of detail that are dependent on permissions.





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 incident level

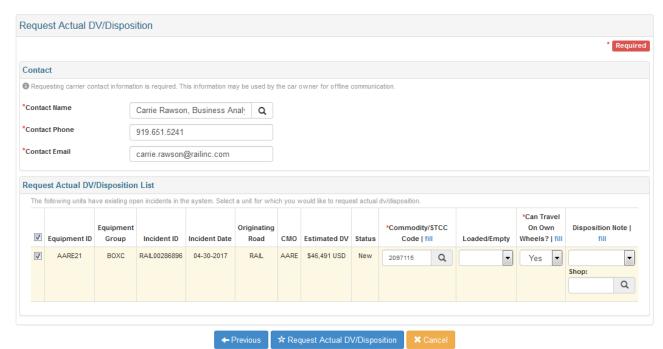


 If CMO has not provided disposition after 15 days, HC can provide disposition on Rule 107 and Rule 108



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.

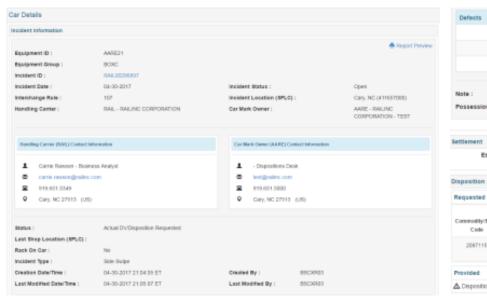


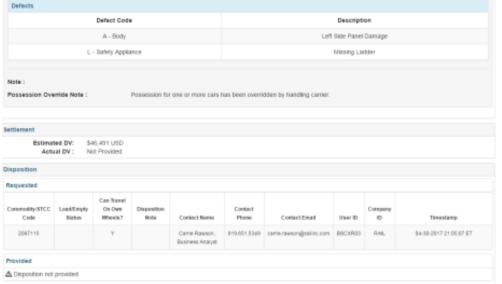


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Car Owner Visibility

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







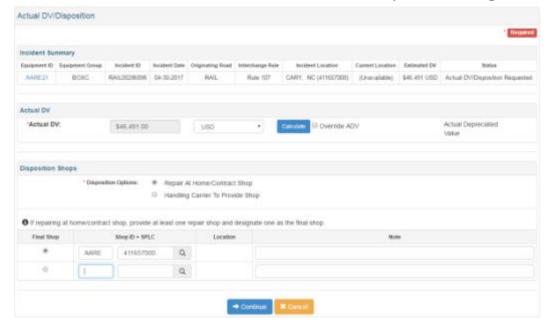
Example of Email to Car Owner

- Equipment owned by your company (equipment = KYLE009999)
 has been removed from an incident (Incident ID =
 KBSR00999999). The user removing this piece of equipment gave
 a removal reason code of Car Destroyed and stated that the
 reason for removal was: I ate it. You may click the link below to
 view details of the incident.
- https://wwwtst.railinc.com/ddcts/notifyEmail/incident/view/999999
- Please contact Railinc Customer Support at <u>csc@railinc.com</u> or 1-877-724-5462 if you have any other questions.



Car Owner Provides Disposition

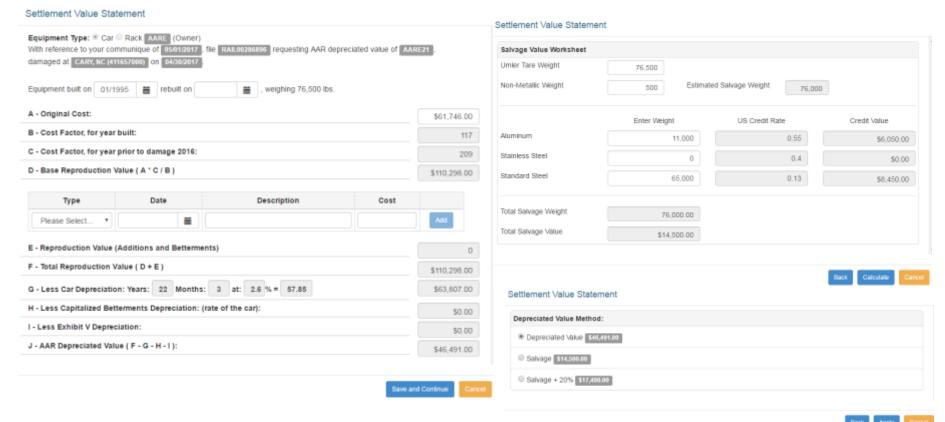
- Can provide disposition to any Repair Shop, Scrapper, Storage, or Pre-Tripper registered in FindUs.Rail with a complete shop couplet
- Can advise HC to continue movement based on waybill for Rule 1 and 96
- For Rule 107 Actual DV must be provided at the same time as Disposition
 - The CMO can Override the calculated ADV if they do not agree with it





Car Owner Provides Actual DV

 A Settlement Value Statement form is provided and populated according to the cars Umler data





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.



Shop Notified of Disposition

DDCT send notification advising car is enroute to expected location

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

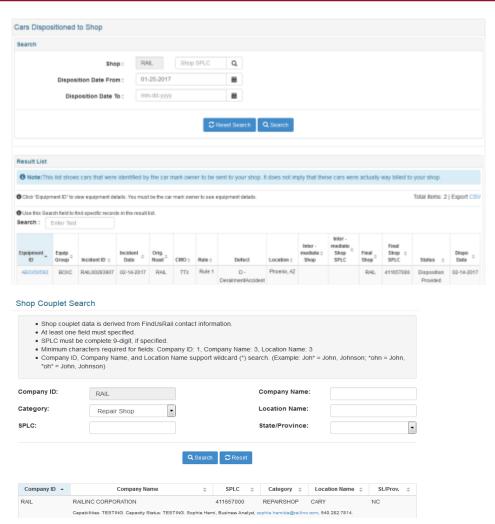




Cars Dispositioned to Shop

- Use the 'Cars
 Dispositioned to Shop' to see cars coming to your shop
 - Must have shop permissions to view

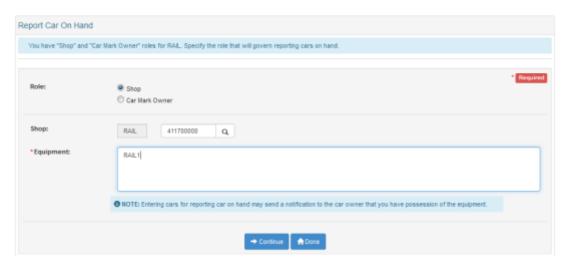
 Search results can be narrowed down by Standard Point of Location (SPLC) and or Disposition Date Range





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

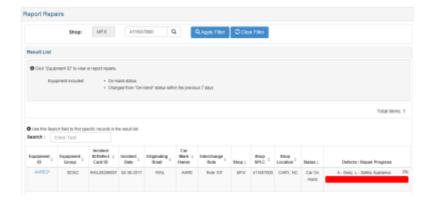


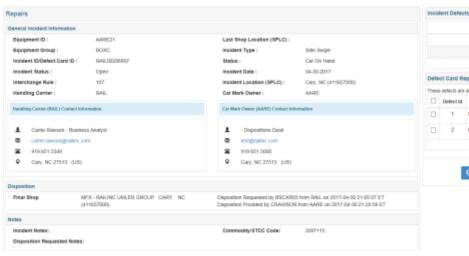
- Reporting Car on Hand allows the shop to see non-confidential incident details and defect cards (if available)
- Cars that have unexpectedly arrived at your shop need to be reported on hand
 - This notifies the CMO who can place the car on hand at your shop or work with the HC to re-route the car



Report Repairs

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







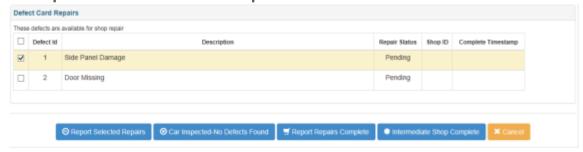


Report Repairs

The following options are available to the shop



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



- 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



Incident End States

- 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.



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



Reference Guides for DDCT

- These manuals assist users in understanding AAR rules and DDCT
 - Office Manual and Field Manual of AAR Interchange Rules contain rules 1, 95 A, 96, 102, 107 and 108
 - DDCT industry participation and information located in AAR Interchange Rule 115
 - FindUs.Rail contact information is required for DDCT per AAR Interchange Rule
 114
- Railinc's corporate page has a DDCT page with reference materials such as:
 - DDCT User Guide- instructions and process flow for DDCT
 - DDCT Training Page (https://www.railinc.com/rportal/ddct-training) contains webinars, demos and FAQ's on DDCT
 - Rule 108 Demo and Webinar



Questions?

For assistance with the Damaged and Defective Car Tracking system (DDCT) or any other Railinc application, contact Railinc directly.

Railinc Customer Support Center

1-877-RAILINC

1-877-724-5462

csc@Railinc.com

www.Railinc.com

