

# Introduction to Umler<sup>®</sup>: The Basics

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# General Announcements



- Webinar Reminders
  - Attendees will be muted to reduce background noise
  - Submit any questions you have via the Q&A box
  - The presentation is expected to last 45 minutes
  
- Please complete the short survey at the end of presentation

# Webinar Objectives



After this webinar, attendees will be able to:

- Access Umler
  - Grant Umler Equipment & Inspection Rights
  - Add/Modify/Delete Equipment
  - Umler Query Options
  - View Notice Management to Resolve Errors
- Transfer Equipment/Perform Re-stencils
- Identify and Resolve Common Equipment Conflicts
- Understand Umler Billing
  - Railinc vs. AAR fees

# The Benefits of Umler



- The Umler equipment registry contains the physical characteristics, inspection history, transportation management and pool assignments of nearly two million pieces of rail equipment in North America. This registry is the base file for other industry reference files and industry equipment accounting files
- The Umler system gives equipment owners four major benefits:
  - **Access:** The Umler system provides real-time updates via the web or enhanced "Train II" computer-to-computer electronic messaging
  - **Security:** Equipment-level security gives users greater control over access to equipment and the display of confidential information
  - **Data Quality:** High data standards are built into the system through extensive, interactive data validation and proactive conflict resolution
  - **Real-Time Updating:** All transactions are processed immediately upon request. Changes made in the Umler system are communicated instantly to the industry, reducing delays and related costs

# Signing On to Umler – Launch Pad



- Log into your account and Umler will be listed under ‘Your Applications’ on the Launch Pad

The screenshot shows the RAILINC Launch Pad interface. At the top, there is a header with the RAILINC logo and the text "Launch Pad". Below the header, the word "Home" is displayed. The main content area is divided into two columns. The left column is titled "My Applications" and contains a list of applications: "Equipment Health View" and "Umler". The right column is titled "Railinc Notifications" and contains a list of notifications with their respective dates and a dropdown arrow. The notifications are: "Introduction to Umler ® Webinar - Reminder" (May 7, 2020), "Introduction to Umler ® Webinar" (Apr 28, 2020), "Umler® Release Notification" (Apr 21, 2020), "RCH Web Release" (Apr 9, 2020), "New Support Portal on Launch Pad" (Mar 24, 2020), "Update on Railinc COVID-19 Actions" (Mar 18, 2020), "Umler Release Notification" (Mar 18, 2020), "Embargo Release" (Feb 25, 2020), and "Umler® Release Notification" (Feb 11, 2020). At the bottom of the notifications list, there is a note: "If you do not see the notification you require, please contact the Railinc Customer Success Center by email [csc@railinc.com](mailto:csc@railinc.com) or by phone at 877-724-5462."

Notification Title	Date
Introduction to Umler ® Webinar - Reminder	May 7, 2020
Introduction to Umler ® Webinar	Apr 28, 2020
Umler® Release Notification	Apr 21, 2020
RCH Web Release	Apr 9, 2020
New Support Portal on Launch Pad	Mar 24, 2020
Update on Railinc COVID-19 Actions	Mar 18, 2020
Umler Release Notification	Mar 18, 2020
Embargo Release	Feb 25, 2020
Umler® Release Notification	Feb 11, 2020

# Umler Homepage



Home Query Maintenance Upload / Download Account Administration Contact List Component Registry Help References

## Welcome to the Umler® System

The Railinc **Umler**® system is the mission-critical source for reliable rail equipment data. The Umler equipment registry contains the physical characteristics, inspection history, transportation management and pool assignments of nearly two million pieces of rail equipment in North America. This registry is the base file for other industry reference files and industry equipment accounting files.

The Umler system provides rail carriers, equipment owners and shippers with real-time access to detailed equipment data, providing for the safe movement of traffic and smooth interchange of shipments between carriers. Umler allows the rail industry to provide customers with the right pieces of equipment for their shipment.

The Umler system enables better communication and collaboration among rail partners for enhanced asset management and improved rail safety.

### News and Updates

Per-Car Maintenance & User Fee Billing Notification

Important News: Per-Car Maintenance & User Fee Billing Notification for July 1, 2018.

Please be aware that equipment currently registered in Umler is subject to a per-car maintenance fee that is billed semi-annually for Umler and Car Service/Car Hire. The second billing installment will be invoiced in August 2018 and will be based on equipment registered in the Umler file under your assigned reporting mark(s) as recorded on Sunday, July 1. All rail equipment, trailers, containers, and chassis will be included.

- [Umler User Guide](#)
- [Umler Data Specification Manual](#)
- [Umler Change Request Form](#)
- [Component Registry User Guide](#)
- [Component Registry Data Specification Manual](#)
- [Umler Training Resources](#)**

Single Equipment Lookup:  **OK**

**Equipment units in conflict** : 22

**Equipment with component ID conflicts** : 15

**Equipment Validation Requests** : 0

### Umler Contacts for RAIL :

External users are provided the following contacts when searching for RAIL Umler File Maintainers in Findus.Rail:  
[csc@railinc.com](mailto:csc@railinc.com)

Umler Company Administrator(s) for RAIL Equipment, Pool, and Inspection Rights:

- [Kevin Wolfe](#)
- [Brian Childs](#)
- [Amanda Hulmes](#)
- [Anitra Jenkins](#)
- [Brandon Lu](#)
- [Christina Kaplan](#)
- [Dennis Kovner](#)
- [Edward Howard](#)
- [Hilary Stautzenberger](#)

# Company Administrators - Granting Access Rights

- Log into Umler to grant equipment rights and/or Inspection Rights based on approving the Umler Access for Maintenance Role
  - Go to the Account Administration tab on the main menu & Select 'Security Management'
- Note the different options for granting Access Rights
  - Administer Access Rights Internal to My Company
  - Administer Access Rights Involving Other Companies

Home | Query | Maintenance | Upload / Download | Account Administration | Contact List

Security Management

Configure Ticklers

Usage Statistics

**Security Management** ?

Welcome to the EMIS Security Management Module. What would you like to do?

**Administer Access Rights Internal to My Company**

- [View My Access Rights](#)
- [Manage Intra-Company User Access Rights](#)
- [Manage Security Profiles](#)
- [Add/Remove User to/from Security Profiles](#)

**Administer Access Rights Involving Other Companies**

- [Manage Inter-Company Access Rights / Profiles Granted by My Company](#)
- [Manage Inter-Company Access Rights Granted to My Company](#)
- [Manage Inter-Company Profiles Granted to My Company](#)

# Granting Equipment Rights

- To Administer rights Internal to My Company, click 'Manage Intra-Company User Access Rights'
- Next, select the User ID you wish to grant Equipment Rights and click Select

**Administer Access Rights Internal to My Company**

- [View My Access Rights](#)
- [Manage Intra-Company User Access Rights](#)
- [Manage Security Profiles](#)
- [Add/Remove User to/from Security Profiles](#)

**Update A User's Access Rights**  
Select the user to update.

Select	User ID	Name
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input checked="" type="radio"/>	TRAINUS1	Brewer Tracy
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]
<input type="radio"/>	[blurred]	[blurred]



# Granting Equipment Rights

- Next select 'Add Equipment Right'

## Update A User's Access Rights

Currently editing access rights for security profile : [TRAINUS1](#)

Select	Company	Effective Date	Expiration Date	Type
No access right(s) available for this company.				

Add Pool Right

Add Equipment Right

Add Inspection Right

Clone Rights from another User Done

# Granting Equipment Rights

- Enter the required fields
  - Step 1 – Add Description (i.e. John's Rights)
  - Step 2 - Select Effective Date as current date
  - Step 3 – Set Expiration Date or leave default as 12/31/9999
  - Step 4 - Range of Equipment is defaulted to All Equipment under the listed SCAC(s)
  - Step 5 - Select the Type of Access the user needs
- Click 'Save'

**Equipment Access Right**

Currently editing access rights for: [TRAINUS1](#)

Edit the details of the access right.

[Save](#) [Count Equipment](#) [Cancel](#)

**1** **Description of Access Right**

\* **Description:**

**2** **Timeframe of Authority**

\* **Effective Date:**

\* **Expiration Date:**

**4** **Range of Equipment**

**All Equipment:**

SCAC(s):	Initial(s):	Equipment Group(s):	Equipment:
<input type="text" value="RAIL"/>	<input type="text" value="RAIL"/>	<input type="text" value="BOXC&lt;br/&gt;CHSS&lt;br/&gt;CONT&lt;br/&gt;EOTD"/>	<input type="text"/>

**5** **Type of Access**

Equipment - "Remove from Pool"  
Add Equipment  
Modify Equipment  
Delete Equipment"/>

[Save](#) [Count Equipment](#) [Cancel](#)

# Confirmed - Equipment Rights Granted

- Confirmation Equipment Rights have been granted
- Click 'Done' to exit from this screen

## Update A User's Access Rights

Currently editing access rights for security profile : [TRAINUS1](#)

Select	Company	Effective Date	Expiration Date	Type	Description
<input checked="" type="radio"/>	<a href="#">RAIL</a>	11/2018	12/31/9999	Equipment	Equipment Rights

[Add Pool Right](#) [Add Equipment Right](#) [Add Inspection Right](#) [Edit](#) [Delete](#)

[Clone Rights from another User](#) [Done](#)

# Granting Inspection Rights

- Click 'Add Inspection Right' if user will be performing inspections

## Update A User's Access Rights

Currently editing access rights for security profile : [TRAINUS1](#)

Select	Company	Effective Date	Expiration Date	Type	Description
<input checked="" type="radio"/>	<a href="#">RAIL</a>	11/11/2018	12/31/9999	Equipment	Equipment Rights

[Add Pool Right](#) [Add Equipment Right](#) [Add Inspection Right](#) [Edit](#) [Delete](#)

[Clone Rights from another User](#) [Done](#)

# Granting Inspection Rights

- Enter the required fields.
  - Step 1- Type brief description or reason for access (*i.e. Inspection rights*)
  - Step 2 - Select Effective Date as the current date
  - Step 3 - Specify the Expiration Date or leave default as 12/31/9999
  - Step 4 – Specify All Inspections and All Marks the user should have access to.
  - Step 5 – Specify All Equipment the user should have access to
- Click ‘Save’

## Inspection Access Right

Currently editing access rights for: [TRAINUS1](#)

Edit the details of the access right.

[Save](#) [Count Equipment](#) [Cancel](#)

### Description of Access Right

1 **Description:**

### Timeframe of Authority

2 **\* Effective Date:**

3 **Expiration Date:**

### Authorize reporting as the following marks / Authorize reporting for the following inspections

4  **All Marks :**   **All Inspections :**

### Range of Equipment

5  **All Equipment :**

[Save](#) [Count Equipment](#) [Cancel](#)

# Confirmed – Inspection Rights Granted

- User can now perform Umler Maintenance & report Inspections based on having Equipment & Inspection rights granted
- Click 'Done' to exit from this screen

## Update A User's Access Rights

Currently editing access rights for security profile : [TRAINUS1](#)

Select	Company	Effective Date	Expiration Date	Type	Description
<input checked="" type="radio"/>	<a href="#">RAIL</a>	11/11/2018	12/31/9999	Equipment	Equipment Rights
<input type="radio"/>	<a href="#">RAIL</a>	11/11/2018	12/31/9999	Inspection	Inspection Rights

[Add Pool Right](#) [Add Equipment Right](#) [Add Inspection Right](#) [Edit](#) [Delete](#)

[Clone Rights from another User](#) [Done](#)

# Umler Query Options

- Query Tasks
  - Display Unit
  - Equipment Query
  - Transaction Log
  - Historical Lineage Query

The screenshot shows the RAILINC Umler website. At the top left is the RAILINC logo. To its right is the text "Umler". Below this is a horizontal navigation bar with the following items: Home, Query, Maintenance, Upload / Download, Railinc Admin Functions, Account Administration, Contact List, Component Registry, Help, and References. The "Query" menu is open, showing a list of options: Display Unit, Equipment Query, Car Management Query, Transaction Log, Inspection History, Historical Lineage Query, Locomotive Historical Blue Card Query, Equipment Unit Comparison, and News and Updates. To the right of the navigation bar is a "Welcome" section with a heading "Umler System" and several paragraphs of text describing the system's capabilities. Below the "Welcome" section are four blue hyperlinks: "Umler User Guide", "Umler Data Specification Manual", "Umler Change Request Form", and "Component Registry User Guide". Below these links is a red hyperlink "Component Registry Data Specification Manual" and a red hyperlink "Umler Training Resources" with a mouse cursor pointing to it.

# Display Unit

- A single railcar is entered to return the full Umler record
  - Equipment initials may be entered in upper and lower cases
  - May include leading zeros and spaces
  - For example:
    - RAIL 8000
    - rail00000008000

The screenshot displays the RAILINC Umler interface. At the top, the RAILINC logo and 'Umler' are visible. A navigation bar includes links for Home, Query, Maintenance, Upload / Download, Railinc Admin Functions, Account Administration, Contact List, Component Registry, Help, and References.

The main section is titled 'Display Unit' and features a search form with the text '\* Equipment ID : RAIL00000008000' and a 'Submit' button.

Below the search form, the 'Display Unit' page shows a 'Lookup' tab and a 'Lookup Result' section. The result includes a table of equipment details:

Element Name	ID	Flag	Value	Conflict
Status Code	USCD	●	A - ACTIVE	
Mechanical Designation	UMMD	● ▲	RB - Box-Refrigerator (Bunkerless)	
Equipment Type Code	UMET		R300	
Maint of Way Service Type	B493			
Built Date	BLDT	●	01/01/1969	
Rebuilt / ILS Date	RBDT			
Owner	UMOW	●	RAIL	
Lessee	LESE			
Maintenance Party	MNPT		RAIL	
Mark Owner Category	B201		V	
Prior Equipment ID	PRID			
Last Update Date	B122		05/05/2020	
Equipment Add Date	B082		12/08/2016	
Status Change Reason	USCR		O - Status Changed Manually	
Status Change Date	USCT		01/03/2020	
Extended Service	A098	●	C - Built New between January 1, 1964 - June 30, 1974, Certified for 50 Years of Service, Built New Before July 1, 1974 & Received	

At the bottom of the table, there are 'Modify Equipment' and 'Cancel' buttons.



# Equipment Query

- Used for searching multiple pieces of equipment
- Multiple search criteria available
- Enter the cars in the Equipment ID field
- Choose criteria
- Click 'Search'

### Equipment Query

Basic **Search** Count Reset Save Clear

Customize Query Output Saved Queries

Enter one or more fields to search equipment information.

Note: There is no charge for viewing query results. There is a small per record charge for downloading to a CSV.

Query Results are limited to 50 attributes per equipment record. If you require more attributes or have more complex data requirements, please email [csc@railinc.com](mailto:csc@railinc.com) with the details of your request and Railinc can assist you with your data needs.

Results will include equipment matching ALL of the following criteria.

Equipment IDs:

Equipment Groups:

Mechanical Designations:

EINs:

Equipment Initials:

Pool IDs:

Equipment Type Codes:  
 Query by complete codes.  
 Query by partial codes.

\* Include equipment restricted in interchange:

Company-Specific Equipment Groups:

Umler Owner:

### Equipment Query Results

Search Criteria Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it.  
3 matches found. 3 available for display. 3 matches displayed on this page.

Select All / Unselect All		Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark	Owner	Leasee
<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">RAIL_1</a>	0000000	LOCO	D620	D	RAIL		
<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">RAIL_30</a>	0000000	LOCO	D127	D	RAIL		
<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">RAIL_5000</a>	0000000	BOXC	R300	RB	RAIL		

### Equipment Query

Search Count Reset Save Clear

Basic Customize Query Output Saved Queries

Enter one or more fields to search equipment information.  
Note: There is no charge for viewing query results. There is a small per record charge for downloading to a CSV.  
Query Results are limited to 50 attributes per equipment record. If you require more attributes or have more complex data requirements, please email [csd@railinc.com](mailto:csd@railinc.com) with the details of your request and Railinc can assist you with your data needs.

Results will include equipment matching ALL of the following criteria.

Equipment IDs:	<input type="text"/>	Pool IDs:	<input type="text"/>
Equipment Groups:	<ul style="list-style-type: none"><li>Bow</li><li>Gophers</li><li>Hopper</li><li>Tank</li></ul>	Equipment Type Codes:	<input type="text"/>
Mechanical Designations:	<input type="text"/>	<input checked="" type="radio"/> Query by complete codes.	<input type="text"/>
EINs:	<input type="text"/>	<input type="radio"/> Query by partial codes.	<input type="text"/>
Equipment initials:	RAIL	*Include equipment restricted in interchange:	Yes <input checked="" type="checkbox"/>
Umler Company:	<input type="text"/>	Company-Specific Equipment Groups:	<input type="text"/>
Stenciled Mark Owner:	<input type="text"/>	Umler Owner:	<input type="text"/>
		Lessee:	<input type="text"/>
		Equipment Status:	<input checked="" type="radio"/> Status <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Active</li><li><input type="checkbox"/> Inactive</li><li><input type="checkbox"/> Pre-registered</li></ul> <input type="radio"/> No Status

Confidential Element Search  
NOTE: Choosing to query by confidential element will limit results only to equipment the user has confidential rights for.

Element Name :	Qualifier :	Compare To Another Element :	Element Values :
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

Element Name :	Qualifier :	Compare To Another Element :	Element Values :
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

In what format would you like your results?

\*Output to (CSV is a chargeable function):  \*Maximum Number of Results (Browser Output Only):

Search Count Reset Save Clear

# Equipment Query – Output to Browser

## Equipment Query Results

Search Criteria Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it.  
66 matches found. 66 available for display. 66 matches displayed on this page.

Select All /Unselect All <input type="checkbox"/>	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner	Lessee
<input type="checkbox"/>	<a href="#">RAIL 13</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 36</a>	0000000	BOXC	R370	RPL	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 55</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 58</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 59</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 303</a>	0000000	BOXC	A332	XL	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 666</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 886</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 900</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 901</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 902</a>	0000000	BOXC	A402	XP	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 1250</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 1558</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 1700</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 1886</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 1900</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 2120</a>	0000000	BOXC	R300	RB	RAIL	AARE
<input type="checkbox"/>	<a href="#">RAIL 2229</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 2666</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 4666</a>	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 4999</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 6312</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 8000</a>	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 8002</a>	0000000	BOXC	R300	RB	RAIL	

# Equipment Query – Output to CSV

- Enter the cars in the Equipment ID field and choose criteria in Basic tab
- Choose the 'Output to .csv' and then 'Search'
- Click 'Estimate Query Cost'
- If the cost is acceptable, Click 'Search,' then 'Continue'

## Notification of Chargeable Action

Please select an option below

Selecting CSV will download all data to your computer. This will be a billable function. If you select Continue, your company will be charged for this transaction at the rate of \$0.06 per row downloaded. If you do not wish to continue, please select Cancel now.

By downloading this data, you agree to [Railinc's Terms of Service](#) which limits data use and restricts distribution without prior Railinc agreement.

Continue

Estimate query cost

Cancel

## Equipment Query

Search Count Save Clear

Estimated Cost: \$ 3.96 To continue with the download please click Search and Continue. If any input criteria has been altered you may request another estimate.

	A	B	C	D	E	F	G
1	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner	Lessee
2	RAIL0000000013	0	BOXC	R400	RB	RAIL	
3	RAIL0000000036	0	BOXC	R370	RPL	RAIL	
4	RAIL0000000055	0	BOXC	R300	RB	RAIL	
5	RAIL0000000058	0	BOXC	R300	RB	RAIL	
6	RAIL0000000059	0	BOXC	R400	RB	RAIL	
7	RAIL0000000303	0	BOXC	A332	XL	RAIL	
8	RAIL0000000666	0	BOXC	R400	RB	RAIL	
9	RAIL0000000886	0	BOXC	R400	RB	RAIL	
10	RAIL0000000900	0	BOXC	R400	RB	RAIL	
11	RAIL0000000901	0	BOXC	R300	RB	RAIL	
12	RAIL0000000902	0	BOXC	A402	XP	RAIL	
13	RAIL0000001250	0	BOXC	R300	RB	RAIL	
14	RAIL0000001558	0	BOXC	R300	RB	RAIL	
15	RAIL0000001700	0	BOXC	R300	RB	RAIL	
16	RAIL0000001886	0	BOXC	R400	RB	RAIL	
17	RAIL0000001900	0	BOXC	R300	RB	RAIL	
18	RAIL0000002120	0	BOXC	R300	RB	RAIL	AARE
19	RAIL0000002229	0	BOXC	R300	RB	RAIL	
20	RAIL0000002666	0	BOXC	R400	RB	RAIL	

In what format would you like your results?

\*Output to (CSV is a chargeable function):

CSV

Search

# Equipment Query – Customized Query Output to Browser

- Enter all basic criteria first
  - Choose output option
    - Browser or .csv
- Click Customize Query Output tab
- Add & remove attributes by choosing from the Available Attributes list
  - 50-attribute limit
- Click ‘Search’ to run query

**RAILINC** Umler

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry Help References

### Equipment Query

Search Count Save Clear

Basic Customize Query Output Saved Queries

Enter one or more fields to search equipment information.  
Note: There is no charge for viewing query results. There is a small per record charge for downloading to a CSV.  
Query Results are limited to 50 attributes per equipment record. If you require more attributes or have more complex data requirements, please email [csc@railinc.com](mailto:csc@railinc.com) with the details of your request and Railinc can assist you with your data needs.

Results will include equipment matching ALL of the following criteria.

Equipment IDs :

Equipment Groups :

Pool IDs :

Equipment Type Codes :  
 Query by complete codes  
 Query by partial codes

**RAILINC** Umler

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry Help References

### Equipment Query

Search Count Save Clear

Basic Customize Query Output Saved Queries

NOTE: Selected Attributes for one query cannot be greater than 50. When selecting component elements, the multiple components for one equipment time-out.

Available Attributes :  
A&B Amount  
A&B Date Done  
A&B Pos/Neg Ind  
A&B Type  
ABT 5-8 Year Due Date  
ABT L2 Periodic Interval  
ABT L3 Periodic Interval  
AEI High Temperature Tag  
AFMC Due Date  
AFMC Inspection-Inspection Certified by  
AFMC Inspection-Inspection Conducted by  
AFMC Inspection-Inspection Date Done

Selected Attributes :  
Equipment Id  
Pool Number  
Equipment Group  
Equipment Type Code  
Mechanical Designation  
Stenciled Mark Owner  
Lessee  
Owner  
Maintenance Party  
ABT Due Date

Sort By :   ASC  DESC

Sort By :   ASC  DESC

Sort By :   ASC  DESC

Search Count Save Clear

# Equipment Query – Customized Query Output to Browser

- Output to Browser option
- All selected attributes are displayed
- Click ‘Search Criteria’ tab to return to the Basic tab

## Equipment Query Results

**Search Criteria** Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it.  
58 matches found. 58 available for display. 58 matches displayed on this page.

							AFMC Inspection			
Select All /Unselect All <input type="checkbox"/>	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner	Lessee	Owner	Maintenance Party	ABT Due Date
<input type="checkbox"/>	<a href="#">RAIL 107</a>	0000000	LOCO	D116	D	RAIL		RAIL	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 112</a>	0000000	LOCO	D620	D	RAIL	AAR	RAIL	RAIL	
<input type="checkbox"/>	<a href="#">RAIL 303</a>	0000000	BOXC	A332	XL	RAIL		RAIL	RAIL	09/18/2019
<input type="checkbox"/>	<a href="#">RAIL 367</a>	0000000	FLAT	M340	MWVF	RAIL		RAIL	RAIL	10/11/2019
<input type="checkbox"/>	<a href="#">RAIL 500</a>	0000000	LOCO	D112	D	RAIL		RAIL	TILX	
<input type="checkbox"/>	<a href="#">RAIL 641</a>	0000000	FLAT	M340	MWVF	RAIL		RAIL	RAIL	10/11/2019
<input type="checkbox"/>	<a href="#">RAIL 666</a>	0000000	BOXC	R400	RB	RAIL		RAIL	RAIL	06/20/2020
<input type="checkbox"/>	<a href="#">RAIL 743</a>	0000000	GOND	M300	MWGN	RAIL		RAIL	RAIL	09/20/2019
<input type="checkbox"/>	<a href="#">RAIL 873</a>	0000000	HOPP	K384	HMA	RAIL	AARE	RAIL	RAIL	08/27/2016
<input type="checkbox"/>	<a href="#">RAIL 886</a>	0000000	BOXC	R400	RB	RAIL		RAIL	RAIL	06/20/2019

# Equipment Query – Saved Queries

- Saved Queries
  - Enter all search criteria in Basic tab
  - Click ‘Save’ to name the query
  - Enter a Query Name & Query Description
  - Click ‘Save’ again

**RAILINC** | Umler

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TRAINUS1 : RAIL - RAILINC CORPORATION | Launch Pad | Contact Us | Sign Out

### Equipment Query

Search | Count | Reset | **Save** | Clear

Basic | Customize Query Output | **Saved Queries**

Enter one or more fields to search equipment information.

Note: There is no charge for viewing query results. There is a small per record charge for downloading to a CSV.

Query Results are limited to 50 attributes per equipment record. If you require more attributes or have more complex data requirements, please email [csc@railinc.com](mailto:csc@railinc.com) with the details of your request and Railinc can assist you with your data needs.

Results will include equipment matching ALL of the following criteria.

Equipment IDs: [ ]

Equipment Groups: [Box, Gondola, Hopper, Tank]

Mechanical Designations: [ ]

EINS: [ ]

Equipment Initials: [RAIL]

Umler Company: [ ]

Stenciled Mark Owner: [ ]

Pool IDs: [ ]

Equipment Type Codes:  
 Query by complete codes.  
 Query by partial codes.

\* Include equipment restricted in interchange: [Yes]

Company-Specific Equipment Groups: [ ]

Umler Owner: [ ]

Lessee: [ ]

Equipment Status:  
 Status  
 Active  
 Inactive  
 Pre-registered  
 No Status

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### Save Query Attributes

\* Query Name : Active Boxcars

Query Description : Active Boxcars with the initials RAIL

**Save** | Cancel

# Equipment Query – Saved Queries

- Equipment Query - Saved Queries
- Click the tab that reads, 'Saved Queries'
- The new query is displayed
- Click on the Query name, the main Equipment Query page will be displayed
- Click 'Search' to run the Saved Query
- Results will be displayed

**RAILINC** | Umler TRAINUS1 : RAIL - RAILINC CORPORATION

Home Query Maintenance Upload / Download Account Administration Contact List Component Registry Help References

### Equipment Query

Search Count Reset Save Clear

The number of equipment units matching the search criteria: 0

Basic Customize Query Output **Saved Queries**

My Saved Queries All Saved Queries

Query Name	Query Description	Created Date	Created By	Action
<a href="#">Active Boxcars</a>	Active Boxcars with the initials RAIL	2019-03-11	TRAINUS1	Delete

### Equipment Query Results

Search Criteria Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it.  
39 matches found. 39 available for display. 39 matches displayed on this page.

Select All / Unselect All	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	
<input type="checkbox"/>	<a href="#">RAIL 36</a>	0000000	BOXC	R370	RPL	RAIL
<input type="checkbox"/>	<a href="#">RAIL 55</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 59</a>	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 303</a>	0000000	BOXC	A332	XL	RAIL
<input type="checkbox"/>	<a href="#">RAIL 900</a>	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 999</a>	0000000	BOXC	A302	XP	RAIL
<input type="checkbox"/>	<a href="#">RAIL 1010</a>	0000000	BOXC	A403	XP	RAIL
<input type="checkbox"/>	<a href="#">RAIL 1558</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 2229</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 8003</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 8005</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 8010</a>	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 8015</a>	0000000	BOXC	R300	RB	RAIL

AFMC Inspection



# Umler Query - Transaction Log

- Transaction Log
  - Search By
  - Equipment ID(s)
  - All Dates
  - Date Range
  - Transaction Type
  - Equipment Initials
  - Output to CSV

**Search Transaction Log**

Enter the starting and ending date/time to display transactions that fall between the date range.

**Search** **Count** **Reset** **Clear**

In what format would you like your results?  **Output to (CSV is a chargeable function):**

**\* Maximum Number of Results (Browser Output Only):**

Results will include transactions matching ALL of the following criteria

**\*At least one input is required:**

Starting Date/Time :      AM  PM

Ending Date/Time :      AM  PM

Search All Dates : Equipment ID(s):

Company-Specific Equipment Group(s):

Transaction Type(s):

User ID(s) :

Equipment Type Code(s):

State(s) :

Pool ID(s):

Equipment Group(s):

Company ID(s):

Mechanical Designation(s):

EIN(s):

Element Value Criteria: Element Groups:  Element:  Transaction Value:   All Values  
Element Groups:  Element:  Previous Value :   All Values

Results will include transactions matching ANY of the following Ownership/Control criteria

Show me all transactions on the equipment currently meeting the specified ownership/control criteria.  
 Show me all transactions on the equipment that met the specified ownership/control criteria at the time of the transaction.

Equipment Initial(s):

Umler Owner(s):

Umler Company:

Lessee(s):

Stenciled Mark Owner(s):

**Search** **Count** **Reset** **Clear**


**\* At least one input is required :**

Search All Dates : Equipment ID(s):

Company-Specific Equipment Group(s):

# Umler Query - Transaction Log

- Click on Transaction ID to view full details
  - Shows the date & time of the transaction
  - Mark of party who performed the action
  - Location (only on certain types)
- Common Transaction Types
  - ECA – Equipment Characteristic Add
  - ECC - Equipment Characteristic Change
  - ECD - Equipment Characteristic Delete
  - ABT – Air Brake Test
  - ABP – Prior ABT Date
  - REF – Reflectorization Event


Umler

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### Transaction Log Search Results

Search Criteria
Search Results

38 matches found. 38 available for display. 38 matches displayed on this page.

The following transactions matched the specified search criteria.

ID	TimeStamp	Equipment ID	EG	ETC	MD	Pool ID	Equip Owner	Lessee	Type	State	Company
<a href="#">149195035</a>	02/10/2018 12:31 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECA	Normal	<a href="#">RAIL</a>
<a href="#">149195036</a>	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		ABT	Normal	<a href="#">RAIL</a>
<a href="#">149195037</a>	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		REF	Normal	<a href="#">RAIL</a>
<a href="#">149195038</a>	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		IDD	Normal	<a href="#">RAIL</a>
<a href="#">149195043</a>	02/10/2018 12:31 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">AARG</a>
<a href="#">149195107</a>	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		ABT	Normal	<a href="#">RAIL</a>
<a href="#">149195108</a>	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		ABP	Normal	<a href="#">RAIL</a>
<a href="#">149195111</a>	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		IDD	Normal	<a href="#">RAIL</a>
<a href="#">149195379</a>	02/10/2018 12:42 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">151615548</a>	03/27/2018 04:41 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">154224696</a>	05/02/2018 12:40 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">154246012</a>	05/03/2018 09:08 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">154246013</a>	05/03/2018 09:08 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">155069886</a>	06/02/2018 07:33 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">156620297</a>	08/01/2018 07:36 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>
<a href="#">157341184</a>	08/28/2018 03:10 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	<a href="#">RAIL</a>

#### Transaction Details

Transaction ID :	149195036	Equipment Group:	BOXC
Timestamp:	02/10/2018 12:31 PM	Mechanical Designation:	
Equipment ID:	RAIL 5000	User:	<a href="#">SYSTGENR</a>
Equipment Type Code:		Equipment Owner:	RAIL
Type:	ABT	Lessee:	
State:	Normal	EIN:	
Company:	<a href="#">RAIL</a>		
Trans Source:	INTERNAL (Inspection Carry Forward)		

This Transaction was generated by Transaction ID: [149195035](#)

Element ID	Element Name	Transaction Element Value	Previous Element Value	AC	Component ID	Component Location	Parent ID	Pa
B523	Air Brake Test Device	M						
DTDN	Inspection Date Done	02/01/2018						
PERF	Inspection Performer	RAIL						
REPT	Inspection Reporter	RAIL						
SPLC	Location/SPLC	38000000						

Previous Done Next

# Historical Lineage

- Enter Car Number or EIN if known
- Click 'Search'
- Results are based on user permissions, some confidential fields may not be displayed
- Full lineage of car is displayed

## Historical Lineage Query Results

Search Criteria    Search Results

Equipment ID :  OR EIN :

### Historical Lineage Query Results

Search Criteria    Search Results

3 items found, displaying all items.

EIN	Equipment ID	Prior Equipment ID	Equip. Group	ETC	MD	Built Date	Rebuilt Date	Effective Date	Status	Expiration Date	Most Recent	Conflict	Action
<a href="#">0010460460</a>	<a href="#">RAIL5420</a>		GOND	G510	GB	10/01/2016		2020-05-05 11:49:08.968	Inactive	9999-12-31 00:00:00.0	Y		OTHER
<a href="#">0010460460</a>	<a href="#">RAIL5420</a>		GOND	G510	GB	10/01/2016		2020-05-05 11:44:35.111	Active	2020-05-05 11:49:08.967			OTHER
<a href="#">0010460460</a>	<a href="#">RAIL5420</a>		GOND	G510	GB	10/01/2016		2020-05-05 11:43:50.255	Pre-Registered	2020-05-05 11:44:35.109			OTHER

## Historical Lineage Query Results

Search Criteria    Search Results

Equipment ID :  OR EIN :

# Historical Lineage

- EIN Conflict
  - Two 'Y's in Lineage = Conflict
  - Only one car in a lineage may be Active
  - Perform a Display Unit Query
  - Click the 'Equipment in Conflict' link to see the error
  - Modify the car to resolve EIN conflict

**Historical Lineage Query Results**

Search Criteria    Search Results

5 items found, displaying all items.

EIN	Equipment ID	Prior Equipment ID	Equip Group	ETC	MD	Built Date	Rebuilt Date	Effective Date	Status	Expiration Date	Most Recent	Conflict	Action
0010224685	<a href="#">RAIL8050</a>		BOXC	R300	RB	01/01/1967		2019-03-18 14:58:13.39	Active	9999-12-31 00:00:00.0	Y	EIN	OTHER
0010224685	<a href="#">RAIL8051</a>	<a href="#">RAIL8050</a>	BOXC	R300	RB	01/01/1967		2019-03-15 15:16:25.627	Active	9999-12-31 00:00:00.0	Y	EIN	Add Restencile
0010224685	<a href="#">RAIL8050</a>		BOXC	R300	RB	01/01/1967		2019-03-15 15:16:25.627	Inactive	2019-03-18 14:58:13.389			Add Restencile
0010224685	<a href="#">RAIL8050</a>		BOXC	R300	RB	01/01/1967		2019-03-15 15:14:15.51	Active	2019-03-15 15:16:25.627			OTHER
0010224685	<a href="#">RAIL8050</a>		BOXC	R300	RB	01/01/1967		2016-12-08 08:48:42.178	Pre-Registered	2019-03-15 15:14:15.508			Add Multiple Clone

**Display Unit**

Lookup    Lookup Result

[Equipment is in conflict, click to view.](#) **Modify Equipment**    Cancel

**Collapse All**    **Expand All**    Equipment ID: RAIL0000008050    Equipment Group: BOXC    Stenciled Mark Owner: RAIL

Show database values:     Flat View:     [Equip PDF](#)    [Equipment Health View](#)

[General](#)    [Weight](#)    [Dimension](#)    [Door](#)    [Specification](#)    [Feature](#)    [Cost](#)    [Car\\_Management](#)    [Train\\_Service](#)    [Truck\\_Components](#)    [Draft\\_System\\_Components](#)    [Unit\\_Segment\\_Components](#)    [Brake](#)

**General**

Element Name	ID	Flag	Value	Conflict
Status Code	<a href="#">USCD</a>	●	A - ACTIVE	

**Equipment Identification**    [EINN](#)    0010224685

Only 1 equipment record in the EIN lineage may have Active status. Check Historical Lineage to identify record that should be made Inactive.

**Single Equipment Modify - Components By Location View**

**Validate**    **Submit**

**Collapse All**    **Expand All**    Equipment ID: RAIL 8050    Equipment Group: BOXC    [Equipm](#)

[General](#)    [Weight](#)    [Dimension](#)    [Door](#)    [Specification](#)    [Feature](#)    [Cost](#)    [Car\\_Management](#)    [Train\\_Service](#)    [Truck\\_Componen](#)

**General**

Element Name	ID	Flag	Current Value	Del	New Value	Notice Value
Status Code	<a href="#">USCD</a>	●	A-ACTIVE		<b>I - INACTIVE</b>	
Mechanical Designation	<a href="#">UMMD</a>	● ▲	RB-Box-Refrigerator (Bunkerless)			

# Questions?

# Umler Maintenance Options

- Maintenance tasks
  - Add Equipment
  - Clone Equipment
  - Add-Back Equipment
  - Modify Equipment
  - Restencil
  - Delete Equipment

The screenshot displays the RAILINC Umler web application interface. At the top left is the RAILINC logo, followed by the text "Umler" and "TRAINUS" on the right. Below the header is a navigation bar with tabs: "Home", "Query", "Maintenance", "Upload / Download", "Account Administration", and "Contact List". The "Maintenance" tab is selected, and a dropdown menu is open, listing the following options: "Add/Change/Delete >", "Car Management >", "Inspections", "Company-Specific Equipment Groups >", "Notice Management", "Suspended Work", and "Manage Future Transactions". A mouse cursor is hovering over the "Add/Change/Delete >" option, which has opened a sub-menu with the following items: "Add Equipment", "Clone Equipment", "Add-Back Equipment", "Multiple Add-Back", "Modify Single Equipment", "Modify Multiple Equipment", "Single Restencil", "Multiple Restencil", "Change Equipment Group", "Update Equipment", "Maintenance Party", and "Delete Equipment".

# Add Equipment

- Add Equipment function is used to add new equipment into Umler
  - Enter the Equipment ID
    - Multiple IDs can be entered at the same time
  - Select the Equipment Group from the drop down menu
  - For articulated equipment, enter the Connected Unit Count or leave the default as zero
  - Click 'Validate'
  - Then click 'Submit'

## Add Equipment

Note: If this equipment unit has a prior ID, please go to the restencil function.

✓ Validation succeeded. Click the Submit button to go to the next screen.

\*Equipment ID(s):

\*Equipment Group:

\*Connected Unit Count:

# Add Equipment

- All mandatory elements must be populated
- The elements shown are based upon the Equipment Type selection made
- When all input is complete, select 'Validate' to check for any errors
- Click 'Submit'

## Add Equipment

Validate **Submit** Reset Clear Suspend Cancel

\*Equipment ID(s): RAIL0000667720

Collapse All Expand All Equipment Group: BOXC Number of Equipment Units: 1

[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Comp](#)  
[Default Presentation Group](#)

Element Name	ID	Flag	Value	Error
Status Code	USCD	●	P - PRE-REGISTERED	
Mechanical Designation	UMMD	● ▲	XM - Box-General Service	
Equipment Type Code	UMET			
Maint of Way Service Type	B403			
Built Date	BLDT	● ■	11/01/2018	
Rebuilt / ILS Date	RBDI			
Owner	UMOW	●	RAIL	
Lessee	LESE			
Maintenance Party	MNPT			
Mark Owner Category	B201			
Prior Equipment ID	PRID			
Last Update Date	B122			
Equipment Add Date	B082			
Status Change Reason	USCR			
Status Change Date	USCT			
Extended Service	A096	●	E - Built new from July 1,19	



# Success Page is Displayed



## Equipment updates submitted to the system

### Success

All updates were successfully applied to the system

Equipment transactions submitted : 1

Successful equipment transactions : 1

Partially successful transactions :0

Failed equipment transactions (Notices) : 0

Inspections transactions submitted : 0

Successful Inspection transactions : 0

Failed Inspection transactions (Notices) :0

Equipment with errors on the current record (Conflicts) :0

Done

# Clone Equipment

- Clone Equipment function is used to add single and multiple equipment by cloning from an existing unit
  - Minimal changes reduce the time required to build New fleets in Umler
- Enter the Source Equipment ID for cloning
- Next, enter the new Equipment ID(s) to be created from the Source ID
- Click 'Validate'
- Click 'Submit'

## Clone Equipment

✓ Validation succeeded. Click the Submit button to go to the next screen.

\*Source Equipment ID:

\*New Equipment ID(s):

# Clone Equipment

- Ensure all mandatory fields are populated and contain the correct information for the new Equipment ID
  - Built Date
  - Owner
  - Extended Service Code
  - Original Cost

## Clone Equipment

Validate Submit Reset Clear Suspend Cancel

New Equipment ID(s): RAIL000003333

Collapse All Expand All Source Equipment ID: RAIL 3 Equipment Group: GOND

[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Components](#) [Default Presentation Group](#)

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	USCD	●	A	🗑️	P - PRE-REGISTEF ▼	
Mechanical Designation	UMMD	● ▲	GB	🗑️	GB - Gondola-Flat E ▼	
Equipment Type Code	UMET		G510		<input type="text"/>	
Maint of Way Service Type	B403			🗑️	<input type="text"/>	
Built Date	BLDT	● 📅	10/01/2010	🗑️	<input type="text"/>	
Rebuilt / ILS Date	RBDT			🗑️	<input type="text"/>	
Owner	UMOW	●	RAIL	🗑️	<input type="text"/>	
Lessee	LESE			🗑️	<input type="text"/>	
Maintenance Party	MNPT		RAIL	🗑️	<input type="text"/>	
Mark Owner Category	B201		V		<input type="text"/>	
Prior Equipment ID	PRID				<input type="text"/>	
Last Update Date	B122		09/20/2018		<input type="text"/>	
Equipment Add Date	B082		02/16/2017		<input type="text"/>	
Status Change Reason	USCR				<input type="text"/>	
Status Change Date	USCT				<input type="text"/>	
Extended Service	A096	●	E	🗑️	<input type="text"/>	

# Clone Equipment

- When all input is done, click 'Validate' to check for errors
- Click 'Submit'
- A confirmation page is displayed and confirms all updates were successfully applied to the system

## Clone Equipment

✓ Equipment Add transaction validation was successful

Validate Submit Reset Clear Suspend Cancel

New Equipment ID(s): RAIL0000003333

Collapse All Expand All Source Equipment ID: RAIL 3 Equipment Group: GOND

[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Corr](#)  
[Default Presentation Group](#)

**General**

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	<a href="#">USCD</a>	●	A	🗑️	P - PRE-REGISTEF ▼	
Mechanical Designation	<a href="#">UMMD</a>	● ▲	GB	🗑️	GB - Gondola-Flat E ▼	
Equipment Type Code	<a href="#">UMET</a>		G510		G510	
Maint of Way Service Type	<a href="#">B403</a>			🗑️	▼	
Built Date	<a href="#">BLDT</a>	● 📅	10/01/2010	🗑️	11/01/2011 📅	
Rebuilt / ILS Date	<a href="#">RBDT</a>			🗑️	📅	
Owner	<a href="#">UMOW</a>	●	RAIL	🗑️	RAIL	
Lessee	<a href="#">LESE</a>			🗑️		
Maintenance Party	<a href="#">MNPT</a>		RAIL	🗑️	RAIL	
Mark Owner Category	<a href="#">B201</a>		V		V	
Prior Equipment ID	<a href="#">PRID</a>					

# Modify Single Equipment

- Allows users to make changes to a single piece of equipment
- Enter Equipment ID and click 'Modify'
  - Example: Car Owner has leased RAIL1200 to ABCX
  - Car Owner will update Lessee field (LESE)
  - Once complete, click 'Validate' to check for any errors
  - Click 'Submit'

The screenshot shows the RAILINC Umler web application interface. At the top, there is a navigation bar with the RAILINC logo and the user name 'Umler'. Below the navigation bar, there is a menu with options: Home, Query, Maintenance, Upload / Download, Account Administration, Contact List, Component Registry, Help, and References. The main content area is titled 'Single Equipment Modify' and contains a form for editing equipment details. The form includes a text input field for '\*Equipment ID:' with the value 'RAIL0000001200'. Below this, there are two radio buttons: 'View Components By Element' (unselected) and 'View Components By Location' (selected). There are 'Modify' and 'Cancel' buttons. The 'Modify' button is circled in red. Below the form, there is a section titled 'Single Equipment Modify - Components By Location View'. This section has 'Validate' and 'Submit' buttons, with the 'Validate' button circled in red. Below the buttons, there are 'Collapse All' and 'Expand All' buttons. The main content area displays a table with columns: Element Name, ID, Flag, Current Value, Del, New Value, and Notice Value. The table contains the following data:

Element Name	ID	Flag	Current Value	Del	New Value	Notice Value
Status Code	<a href="#">USCD</a>	●	A-ACTIVE		<input type="text"/>	
Mechanical Designation	<a href="#">UMMD</a>	● ▲	LO-Hopper-Covered		<input type="text"/>	
Equipment Type Code	<a href="#">UMET</a>		C111		<input type="text"/>	
Maint of Way Service Type	<a href="#">B403</a>				<input type="text"/>	
Built Date	<a href="#">BLDT</a>	● 📅	06/23/2016		<input type="text"/>	
Rebuilt / ILS Date	<a href="#">RBDT</a>				<input type="text"/>	
Owner	<a href="#">UMOW</a>	●	RAIL		<input type="text"/>	
Lessee	<a href="#">LESE</a>				<input type="text" value="ABCX"/>	
Maintenance Party	<a href="#">MNPT</a>		RAIL	🗑️	<input type="text"/>	

# Modify Single Equipment

- Confirmation that validation was successful
- Click 'Submit'
- Equipment updates submitted to the system message is displayed
- Click 'Done'

## Single Equipment Modify - Components By Location View



Equipment Modify transaction validation was successful

Equipment ID: RAIL 1200 Equipment Group: HOPP [Equipme](#)

[General](#) [Weight](#) [Dimension](#) [Specification](#) [Feature](#) [Cost](#) [Car\\_Management](#) [Train\\_Service](#) [Truck\\_Components](#) [Draf](#)

General							
Element Name	ID	Flag	Current Value	Del	New Value	Notice Value	
Status Code	<a href="#">USCD</a>	●	A-ACTIVE		<input type="text"/>	<input type="text"/>	<input type="text"/>
Mechanical Designation	<a href="#">UMMD</a>	● ▲	LO-Hopper-Covered		<input type="text"/>	<input type="text"/>	<input type="text"/>
Equipment Type Code	<a href="#">UMET</a>		C111		<input type="text"/>		
Maint of Way Service Type	<a href="#">B403</a>				<input type="text"/>	<input type="text"/>	<input type="text"/>
Built Date	<a href="#">BLDT</a>	● 📅	06/23/2016		<input type="text"/>	<input type="text"/>	<input type="text"/>
Rebuilt / ILS Date	<a href="#">RBDT</a>				<input type="text"/>	<input type="text"/>	<input type="text"/>
Owner	<a href="#">UMOW</a>	●	RAIL		<input type="text"/>		
Lessee	<a href="#">LESE</a>				<input type="text" value="ABCX"/>		

### Equipment updates submitted to the system

#### Success

All updates were successfully applied to the system

Equipment transactions submitted : 1  
Successful equipment transactions : 1  
Partially successful transactions : 0  
Failed equipment transactions (Notices) : 0

Inspections transactions submitted : 0  
Successful Inspection transactions : 0  
Failed Inspection transactions (Notices) : 0

Equipment with errors on the current record (Conflicts) : 0

# Delete Equipment

- The Delete Equipment function allows a user to deactivate an Umler record, sending the record to archive
  - Enter Equipment ID or IDs
  - Select Validate to check for any errors
  - Click 'Submit'

## Delete Equipment ?



Validation of the equipment delete succeeded. Click the Submit button to navigate to confirmation screen.

Validate

Submit

Cancel

Enter equipment IDs for deletion, and then click the "Submit" button.

\*Equipment ID(s):

RAIL0000005000

Validate

Submit

Cancel

# Delete Equipment

- A confirmation page is displayed
- Check the box beside the Equipment ID and select the appropriate Delete Reason from the drop-down list
- Press 'Submit'
- A second confirmation panel is displayed
- Click 'Ok' to complete

## Confirm Deletion of Equipment ?

**Submit** **Cancel**

**Equipment Count: 1**  
Select the equipment units you wish to delete, then click the "Submit" button.

Select All / Unselect All	Delete Reason	Equipment ID	Pool Number	Status	Lessee	Umler Owner
<input checked="" type="checkbox"/>	<div style="border: 1px solid black; padding: 2px;">Restenciled Destroyed or wrecked Lease terminated, removed from fleet Retired unserviceable beyond economic repair Rebuilt Sold Serviceable Over age retired for dismantling Error, reporting did not exist Other</div>	RAIL 5000	0000000	I		RAIL

**Submit** **Cancel**

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umler.railinc.com says

You are about to Delete (1) Equipment. Press OK to confirm.

**OK** **Cancel**



# Delete Equipment

- A summary screen is displayed to confirm the results.
  - The equipment was successfully deleted
  - If the Equipment Delete fails, go to Notice Management to identify the error and/or contact [CSC@Railinc.com](mailto:CSC@Railinc.com) to request further assistance

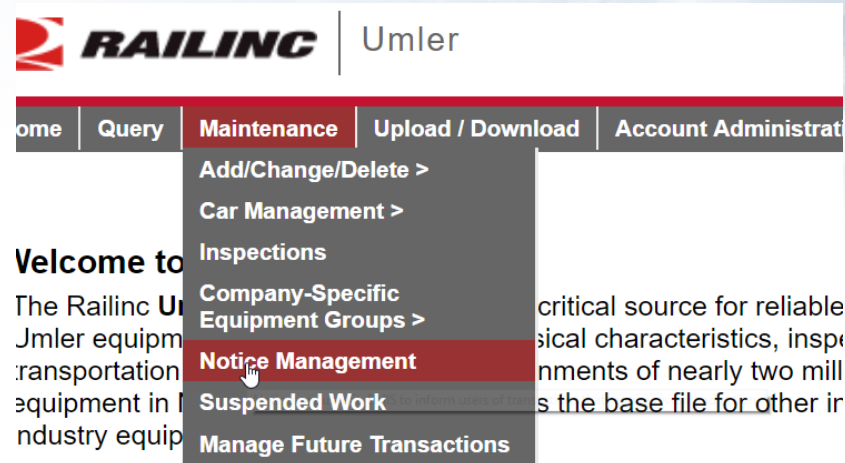
## Delete Equipment Summary

Equipment Delete Total:	1
Equipment Delete Success:	1
Equipment Delete Failed:	0

Done

# Notice Management

- The Notice Management function allows the user to review/process notices generated from maintenance updates
- There are 3 types of notices generated in Notice Management
  - 1) Informational
  - 2) Warning
  - 3) Error
- Enter search criteria to query notices that may require action



**Search Notices**  
Enter the starting and ending date/time range to display notices that fall between the date range.

Search Count Reset Clear

Results will include notices matching ALL of the following criteria.

\*At least one of the input is required:

Starting Date/Time: 03/25/2019 12:01 AM PM  
Ending Date/Time: 03/26/2019 11:59 AM PM

Search All Dates :  
Equipment ID(s):  
Company-Specific Equipment Group(s):

\* Notice Type: AFMC Inspection, AFMC Inspection Nullification, AFMC Inspection Removal, Add Company Specific Equipment Group, Add Equipment to Company Specific Equipment Group, Add a Pool Header, Add to Pool, Air Brake Nullification

\* Notice Level: Error, Information, Warning

\* Notice Status: Active  
\* Notice Group: Normal

Event/Response Code(s):  
Equipment Group(s): Box, Gondola, Hopper  
Mechanical Designation(s):  
User ID(s):

Equipment Type Code(s):  
Pool ID(s):  
Notice ID(s):  
Element ID(s):

Restrict results to only Element ID(s) entered :

# Notice Management

- Notices can be reviewed to identify problems that users are encountering when attempting to enter information into the system and/or why data changes did not occur
  - Users can select multiple notices for deletion after issues have been reviewed and/or corrected
    - Use drop down menu for available tasks on top right

## Notice Search Results

Search Criteria Search Results

10 matches found. 10 available for display. 10 matches displayed on this page.

Select All / Unselect All	ID	Time Stamp	Equipment ID	EG	ETC	MD	Group ID	Pool ID	Stenciled Mark Owner	Lessee	Type	Event Code	Level	Element ID	Element Value	User	Status	Maintenance Party Mark
<input type="checkbox"/>	<a href="#">45782377</a>	<a href="#">03/25/2019 08:58 AM</a>	UTLX 94483	TANK	T105	T			UTCX		ECC	ECC0000001	Error	A146		<a href="#">EWSYSGEN</a>	Active	UTCX
<input type="checkbox"/>	<a href="#">45782567</a>	03/25/2019 10:01 AM	BRGX 259	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000259	<a href="#">EWSLCKAD</a>	Active	BRGX
<input type="checkbox"/>	<a href="#">45782568</a>	03/25/2019 10:01 AM	BRGX 260	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000260	<a href="#">EWSLCKAD</a>	Active	BRGX
<input type="checkbox"/>	<a href="#">45782569</a>	03/25/2019 10:01 AM	BRGX 263	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000263	<a href="#">EWSLCKAD</a>	Active	BRGX
<input type="checkbox"/>	<a href="#">45782570</a>	03/25/2019 10:01 AM	BRGX 269	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000269	<a href="#">EWSLCKAD</a>	Active	BRGX
<input type="checkbox"/>	<a href="#">45782571</a>	03/25/2019 10:01 AM	BRGX 270	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000270	<a href="#">EWSLCKAD</a>	Active	BRGX
<input type="checkbox"/>	<a href="#">45782771</a>	03/25/2019 11:10 AM	CTCX 250724	TANK	T107	T			CEFX		ECC	ECC0000001	Information			<a href="#">CARRYFWD</a>	Active	CEFX
<input type="checkbox"/>	<a href="#">45782772</a>	03/25/2019 11:10 AM	CTCX 250724	TANK	T107	T			CEFX		ECC	ECC0000001	Information			<a href="#">CARRYFWD</a>	Active	CEFX
<input type="checkbox"/>	<a href="#">45784487</a>	03/25/2019 03:38 PM	CSXT 401214	GOND	J311	GT			CSXT		ECC	ECC0000001	Information			<a href="#">CARRYFWD</a>	Active	CSXT
<input type="checkbox"/>	<a href="#">45784490</a>	03/25/2019 03:43 PM	KLRX 615066	BOXC	A603	XP			KLRX		ECC	ECC0000001	Error			<a href="#">CARRYFWD</a>	Active	KLRX

Delete Selected OK

## Notice Details

**ID:** 45782377  
**Date/Time:** 03/25/2019 08:58 AM  
**Equipment ID:** UTLX 94483  
**Equipment Group:** TANK  
**Mechanical Designation:** T  
**Event Code:** ECC0000001  
**Stenciled Mark Owner:** UTCX  
**Maintenance Party Mark(s):** UTCX

### General

Element Name	ID	Flag	Value	Conflict
Equipment ID	<a href="#">0001</a>		UTLX0000094483	

### Specification

Element Name	ID	Flag	Value	Conflict
CC Side Bearing Type	<a href="#">A146</a>			All Tank cars must be equipped with (M-948) approved Long Travel CC Side Bearings.

Continue Modify Equipment

Delete Done

# Notice Management - Informational Notice



## Notice Details

ID:	44783094	Type :	TIC
Date/Time:	11/27/2018 07:45 AM	Level :	Information
Equipment ID:	RAIL 32118	Status:	Active
Equipment Group:	TANK	Equipment Type Code:	T178
Mechanical Designation:	T	Pool ID:	
Event Code:	341	User:	<a href="#">CFLTCHEK</a>
Stenciled Mark Owner:	RAIL	Lessee:	
Maintenance Party Mark(s):	RAIL		

### Notice Messages

Umler Conflict Notice type:341. A conflict condition has existed for Equipment ID: RAIL 32118 since November 11, 2018. Your equipment is Subject to Zero-Rating. If the conflict is not resolved the equipment will be zero-rated on the January 2019 CHARM file. For more information about resolving conflicts, please review the [Managing Equipment Conflicts](#) web demo at [www.railinc.com](http://www.railinc.com).

Delete Done

# Notice Management - Warning Notice



## Notice Details

ID:	44489588	Type :	ECC
Date/Time:	11/13/2018 08:57 AM	Level :	Warning
Equipment ID:	[REDACTED]	Status:	Active
Equipment Group:	HOPP	Equipment Type Code:	C113
Mechanical Designation:	LO	Pool ID:	
Event Code:	ECC0000001	User:	<a href="#">efkmm01</a>
Stenciled Mark Owner:	[REDACTED]	Lessee:	
Maintenance Party Mark(s):	[REDACTED]		

### General

Element Name	ID	Flag	Value	Conflict
Equipment ID	<a href="#">0001</a>	[REDACTED]	[REDACTED]	The data entered by the user resulted in no changes being applied to the system because the values entered matched what is currently populated in the Umler system.

# Notice Management - Error Notice



## Notice Details

ID:	44786908	Type :	ECC
Date/Time:	11/27/2018 10:50 AM	Level :	Error
Equipment ID:	[REDACTED]	Status:	Active
Equipment Group:	TANK	Equipment Type Code:	T107
Mechanical Designation:	T	Pool ID:	
Event Code:	ECC0000001	User:	<a href="#">EWSYSGEN</a>
Stenciled Mark Owner:	[REDACTED]	Lessee:	
Maintenance Party Mark(s):	[REDACTED]		

### General

Element Name	ID	Flag	Value	Conflict
Equipment ID	<a href="#">0001</a>		[REDACTED]	

### Specification

Element Name	ID	Flag	Value	Conflict
CC Side Bearing Type	<a href="#">A146</a>			

All Tank cars must be equipped with (M-948) approved Long Travel CC Side Bearings.

[Continue Modify Equipment](#)

[Delete](#) [Done](#)

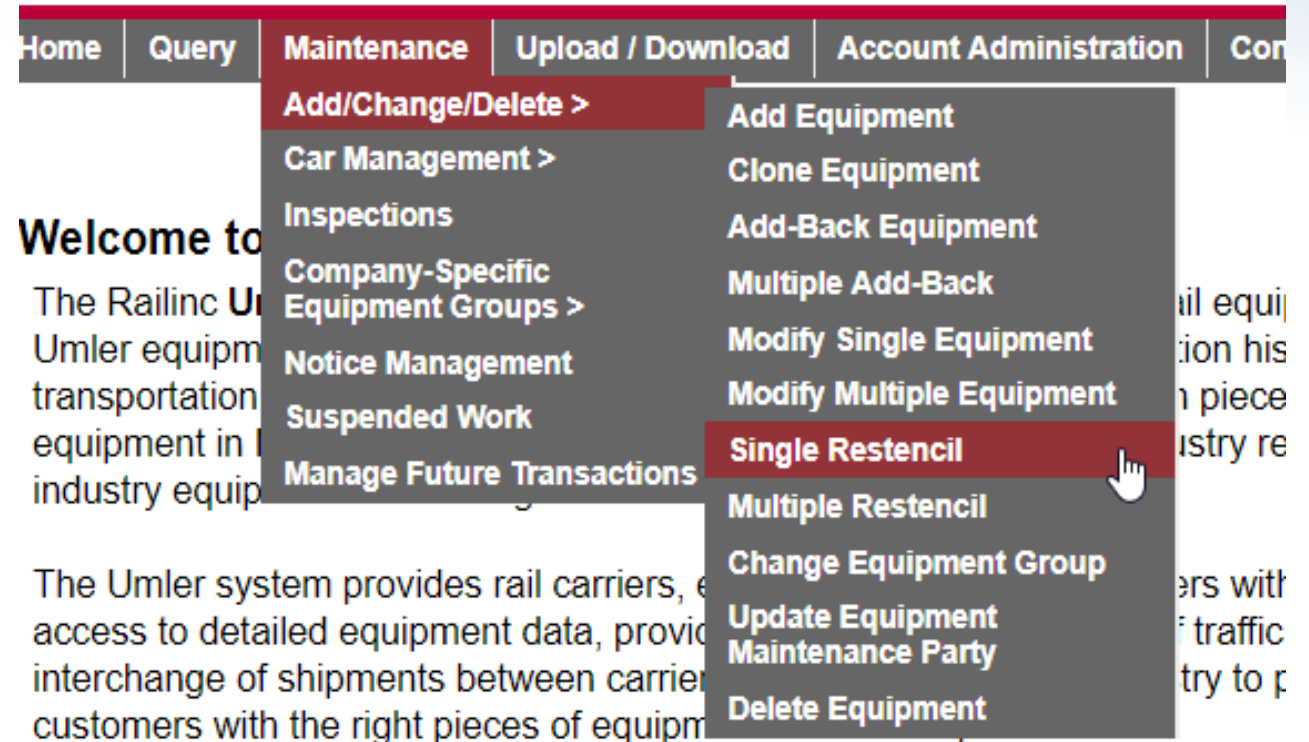
# Umler Maintenance Shortcuts



- **Clone Equipment** - The value of cloning equipment is that the user is starting with a base set of elemental data, from an existing Source Equipment ID, versus adding the new fleet equipment ID(s) from scratch
- **Multiple Add Back** - The Multiple Equipment Add-Back function is used to reactivate multiple “archived” equipment units at one time
- **Modify Multiple Equipment** – The Modify Multiple Equipment function is used to change selected elements for several equipment units in one editing session
- **Multiple Restencil** – The Multiple Restencil function is used to restencil multiple cars sequentially or following a pattern
- **Suspended Work** – This task is available for suspending updates when you need to verify data or if you cannot resolve validation issues without further guidance

# Restencil /Transfer Equipment

- Restenciling refers to the act of changing the equipment mark and number that is stenciled on the side of an equipment unit
  - The Restencil function allows a user to create a new equipment record from a prior equipment registration
- The value of restencilling is that it allows the recording of equipment changes over time to be transferred even through ownership changes
  - Since the Equipment Identification Number (EIN) links equipment records together, it enables inspections and other equipment information to be maintained
- Users can perform a Single Restencil or Multiple Restencil

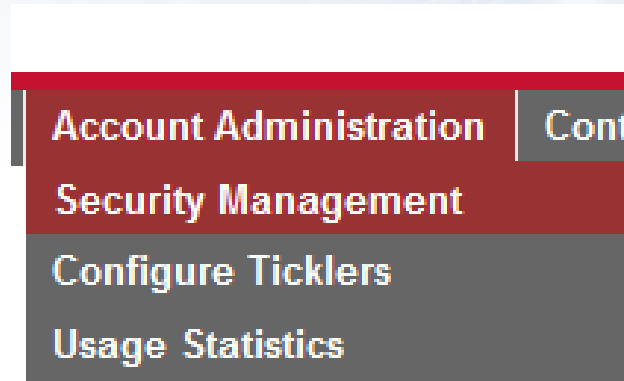


The screenshot shows a web application interface with a navigation bar at the top containing the following items: Home, Query, Maintenance, Upload / Download, Account Administration, and Con. The 'Maintenance' menu is expanded, showing a list of options: Add/Change/Delete >, Car Management >, Inspections, Company-Specific Equipment Groups >, Notice Management, Suspended Work, and Manage Future Transactions. A sub-menu is open under 'Add/Change/Delete >', listing: Add Equipment, Clone Equipment, Add-Back Equipment, Multiple Add-Back, Modify Single Equipment, Modify Multiple Equipment, Single Restencil (highlighted with a mouse cursor), Multiple Restencil, Change Equipment Group, Update Equipment Maintenance Party, and Delete Equipment. The background of the page shows a 'Welcome to' message and a paragraph of text starting with 'The Railinc Umler equipment transportation equipment in industry equip'.



# Restencil- Add View Confidential Data Rights

- When a car needs to be Restenciled, the Selling Entity must grant View Confidential Data Rights for the Umler record(s) to the Buying entity
  - The Buying entity receiving Confidential Data Rights must also have their **own Umler permissions** (with Equipment Rights) **under their own Mark**
- The Buying entity must then Accept the Confidential Data Rights, and assign to a User ID before they can perform the Umler Restencil task



# Restencil – Add View Confidential Data Rights

## Example Scenario:

Equipment ID AARE 22 was sold to RAIL. RAIL needs access to perform the Restencil.

- AARE 22 to RAIL 5556
- The Selling Entity (AARE) goes to ‘Administer Access Rights Involving Other Companies’ and then selects ‘Manage Inter-Company Access Rights / Profiles Granted By My Company’
- Next, the Selling entity selects the Company Mark (RAIL) they wish to grant rights to OR selects to ‘Add a Company’
- Next, select ‘Grant Access Rights’

### Inter-Company Access Rights Granted by My Company

Select the company whose access rights you want to edit.

Select	Company	Company Name
<input type="radio"/>	<a href="#">RAIL</a>	RAILINC CORPORATION
<input type="radio"/>	Add a company...	

[Grant Access Rights](#) [Grant Profiles](#) [Done](#)

# Restencil – Add View Confidential Data Rights

- Then select ‘Add View Confidential Data Right’

**RAILINC** | Umler

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry Help References

### Update Access Rights

Currently editing access rights for: [RAIL](#)

Select	ID	Effective Date	Expiration Date	Type	Description	Status
<input checked="" type="radio"/>	107381	08/19/2010	09/30/2010	View Confidential Data	RAIL Confidential Access Rights	Expired
<input type="radio"/>	940845	11/07/2016	12/31/9999	View Confidential Data	Confidential Data Rights	Accepted
<input type="radio"/>	940846	11/07/2016	12/31/9999	Equipment	Equipment Rights	Relinquished
<input type="radio"/>	940847	11/07/2016	12/31/9999	Inspection	Inspection Rights	Accepted

[Add Pool Right](#) [Add Equipment Right](#) [Add Inspection Right](#) [Add View Confidential Data Right](#) [View](#) [Revoke](#)

[Done](#)

# Restencil – Add View Confidential Data Rights

- Next, enter the required fields:
  - Step 1 - Add brief description of access being granted:
    - “Sold AARE 22 to RAIL”
  - Step 2 - Add Effective Date as the current date
  - Step 3 - Modify Expiration Date or leave default date as 12/31/9999
  - Step 4 - Enter Range of Equipment or specify Individual Equipment ID’s by unchecking All Equipment and adding car number to box
- Click ‘Save’
  - The Confidential Data Rights Access is in Pending status until Accepted

## View Confidential Data Access Right

Currently editing access rights for: [RAIL](#)

Edit the details of the access right.

[Save](#) [Count Equipment](#) [Cancel](#)

### Description of Access Right

1 **Description:**

### Timeframe of Authority

2 **Effective Date:**

3 **Expiration Date:**

### Range of Equipment

All Equipment:

SCAC(s):

AARE

Initial(s):

AARE  
RAIL

Equipment Group(s):

BOXC

CHSS

CONT

EOTD

4 **Equipment:**

AARE 22

[Save](#) [Count Equipment](#) [Cancel](#)

# Restencil – Add View Confidential Data Rights

- Confirmation rights were granted successfully
- Rights will be in 'Pending' status until Accepted
- Additional options to add or revoke other rights
- Click 'Done' when finished

Update Access Rights

View Confidential Data Right added successfully.

Currently editing access rights for: [RAIL](#)

Select	ID	Effective Date	Expiration Date	Type	Description	Status
<input checked="" type="radio"/>	107381	08/19/2010	09/30/2010	View Confidential Data	RAIL Confidential Access Rights	Expired
<input type="radio"/>	940845	11/07/2016	12/31/9999	View Confidential Data	Confidential Data Rights	Accepted
<input type="radio"/>	940846	11/07/2016	12/31/9999	Equipment	Equipment Rights	Relinquished
<input type="radio"/>	940847	11/07/2016	12/31/9999	Inspection	Inspection Rights	Accepted
<input type="radio"/>	953830	11/27/2018	12/31/9999	View Confidential Data	Sold AARE 22 to RAIL	Pending

[Add Pool Right](#) [Add Equipment Right](#) [Add Inspection Right](#) [Add View Confidential Data Right](#) [View](#) [Revoke](#)

[Done](#)

# Restencil – Accept Rights Granted to My Company

- The Buying Entity goes to the Account Administration tab and selects ‘Security Management’
- Next, under the Administer Access Rights Involving Other Companies, the Buying entity clicks the link, ‘Inter-Company Access Rights Granted to My Company’
- The Buying Entity scrolls to select the ‘Confidential Data Rights’ from the Seller (AARE) based on the Effective Date and then clicks ‘View’
- The Confidential Data Access screen is displayed and the Buying entity selects ‘Accept’

## Administer Access Rights Involving Other Companies

[Manage Inter-Company Access Rights / Profiles Granted by My Company](#)  
[Manage Inter-Company Access Rights Granted to My Company](#)  
[Manage Inter-Company Profiles Granted to My Company](#)

[Special SSO Security request for non-participating companies](#)  
[View Status of Special Umler SSO Requests](#)

### Inter-Company Access Rights Granted to My Company

[View](#) [Done](#)

Select	ID	Grantor	Effective Date	Expiration Date	Type	Description	Status
<input type="radio"/>	32144	<a href="#">CEFX</a>	09/25/2009	12/31/9999	Equipment	equipment rights	Revoked
<input type="radio"/>	32145	<a href="#">CEFX</a>	09/25/2009	12/31/9999	View Confidential Data	restencil	Accepted
<input type="radio"/>	60378	<a href="#">HLMX</a>	11/19/2009	11/20/2009	Equipment	Equipment	Expired
<input type="radio"/>	107381	<a href="#">AARE</a>	08/19/2010	09/30/2010	View Confidential Data	RAIL Confidential Access Rights	Expired
<input type="radio"/>	115302	<a href="#">USR</a>	02/02/2011	12/31/9999	Equipment	Add Modify Delete Equipment.	Accepted
<input type="radio"/>	160993	<a href="#">XOMX</a>	10/02/2012	12/31/9999	View Confidential Data	Carmela Report	Accepted
<input type="radio"/>	173976	<a href="#">TIX</a>	02/15/2013	03/22/2013	Pool	Temp Pool Rights	Expired
<input type="radio"/>	940845	<a href="#">AARE</a>	11/07/2016	12/31/9999	View Confidential Data	Confidential Data Rights	Accepted
<input type="radio"/>	940846	<a href="#">AARE</a>	11/07/2016	12/31/9999	Equipment	Equipment Rights	Relinquished
<input type="radio"/>	940847	<a href="#">AARE</a>	11/07/2016	12/31/9999	Inspection	Inspection Rights	Accepted
<input type="radio"/>	952694	<a href="#">BNSF</a>	09/27/2018	12/31/9999	Equipment	EQUIPMENT RIGHTS	Accepted
<input type="radio"/>	953830	<a href="#">AARE</a>	11/27/2018	12/31/9999	View Confidential Data	Sold AARE 22 to RAIL	Accepted
<input type="radio"/>	953939	<a href="#">AARE</a>	12/03/2018	12/31/9999	View Confidential Data	Sold AARE 22 to RAIL	Pending

### View Confidential Data Access Right

**Details**

Status: Pending  
 Company: [AARE](#)  
 Description: Sold AARE 22 to RAIL

---

**Timeframe of Authority**

Effective Date: 11/27/2018      Expiration Date: 12/31/9999

---

**Range of Equipment**

Equipment Type(s): Equipment: AARE000000022

[Accept](#) [Decline](#) [Done](#)

# Restencil – Accept Rights Granted To My Company

- After clicking ‘Accept,’ a confirmation message is displayed
- Next, select ‘Assign to User’
- Select the User ID that is Accepting the Confidential Data Rights
- Click ‘Select’

## View Confidential Data Access Right

Inter-company access right accepted successfully.

Details	
Status:	Accepted
Company:	<a href="#">AARE</a>
Description:	Sold AARE 22 to RAIL

Timeframe of Authority			
Effective Date:	11/27/2018	Expiration Date:	12/31/9999

Range of Equipment	
Equipment Type(s):	Equipment: AARE0000000022

[Assign to User](#) [Assign to Profile](#) [Relinquish](#) [Done](#)

<input type="radio"/>	<a href="#">MARC</a>	<a href="#">Pleasant Dale</a>
<input type="radio"/>	<a href="#">MARC</a>	<a href="#">Clinton Johnson</a>
<input type="radio"/>	<a href="#">MARC</a>	<a href="#">Crestwood Farm</a>
<input type="radio"/>	<a href="#">MARC</a>	<a href="#">Hill T</a>
<input checked="" type="radio"/>	<a href="#">TRAINUS1</a>	<a href="#">Brewer Tracy</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Middletown Garage</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Justiceville Station</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Pleasant Dale</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Clinton Johnson</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Middletown Garage</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Justiceville Station</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Pleasant Dale</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Clinton Johnson</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Middletown Garage</a>
<input type="radio"/>	<a href="#">WESTEST1</a>	<a href="#">Justiceville Station</a>

[Select](#) [Done](#)

# Restencil – Accept Rights Granted to My Company

- The View Confidential Data screen is displayed containing the details of the access granted
- The Effective Date must be the current date if not accepting the Rights on same day as granted
- Click ‘Save’ to complete the transaction
- Click ‘Done’ to exit

**View Confidential Data Access Right**

Currently assigning a right to: [TRAINUS1](#)  
Edit the details of the access right.

[Save](#) [Count Equipment](#) [Done](#)

**Description of Access Right**

Access Right ID (Assigned from inter-company): 953830  
\* Description: Sold AARE 22 to RAIL

**Timeframe of Authority**

\* Effective Date: 11/27/2018 \* Expiration Date: 12/31/9999

**Range of Equipment**

All Equipment: SCAC(s): Initial(s): Equipment Group(s): **Equipment:** AARE000000022

[Save](#) [Count Equipment](#) [Done](#)



# Single Restencil Example

- Enter the Source Equipment
- Enter the Target Equipment ID
- Click 'Validate' to check for any errors
- Click 'Submit'

**Restencil Equipment** ?

✓ Validation succeeded. Click the Submit button to go to the next screen.

\*Source Equipment ID:

\*Target Equipment ID:

Source and target have identical equipment groups:  Yes  No

# Single Restencil Example

- Ensure all mandatory fields are populated
  - The Owner field, which is mandatory, requires a new value
- Note, AARE 22 appears as the Prior ID
- Click 'Validate' to check for any errors
- Click 'Submit'

## Restencil Equipment ?

Validate Submit Reset Clear Suspend Cancel

Target Equipment ID:

Prior Equipment ID: AARE0000000022 Equipment Group: BOXC

[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Corr](#) [Default Presentation Group](#)

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	USCD	●	A		P - PRE-REGISTEF ▼	
Mechanical Designation	UMMD	● ▲	XP		XP - Box-Non-Insuli ▼	
Equipment Type Code	UMET		A403		<input type="text"/>	
Maint of Way Service Type	B403				<input type="text"/>	
Built Date	BLDT	● ▲	01/01/1995		01/01/1995	
Rebuilt / ILS Date	RBDT				<input type="text"/>	
Owner	UMOW	●	AARE		<input type="text"/>	
Lessee	LESE				<input type="text"/>	
Maintenance Party	MNPT		AAR		<input type="text"/>	
Mark Owner Category	B201		U		<input type="text"/>	
Prior Equipment ID	BRID				AARE0000000022	
Last Update Date	B122		08/22/2017		<input type="text"/>	
Equipment Add Date	B082		01/01/1900		<input type="text"/>	
Status Change Reason	USCR		M		<input type="text"/>	
Status Change Date	USCT		01/21/2008		<input type="text"/>	
Extended Service	A096	●	E		E - Built new from J ▼	

Restencil Equipment

Equipment Add transaction validation was successful

Validate Submit Reset Clear Suspend Cancel

# Single Restencil Completed

- Success Page is displayed
- Note, the Inspections were carried forward to the new equipment ID and the status of Prior ID was not changed

## Equipment updates submitted to the system

### Success

All updates were successfully applied to the system

Equipment transactions submitted : 1  
Successful equipment transactions : 1  
Partially successful transactions : 0  
Failed equipment transactions (Notices) : 0

Inspections transactions submitted : 0  
Successful Inspection transactions : 0  
Failed Inspection transactions (Notices) : 0

Equipment with errors on the current record (Conflicts) : 0

Target Equipment ID	Restencil transaction results	Inspections that were successfully carried forward	Inspections that failed carry forward
RAIL0000005556	Restencil Successful, Target Equipment RAIL0000005556 created with Pre-registered status. Status of Prior Equipment AARE0000000022 was not changed.	Air Brake Test(RAIL0000005556), Car Crade Inspection(RAIL0000005556), Reflectorization Event(RAIL0000005556), Prior Air Brake Test(RAIL 0000005556)	

Done

# Restencil / Transfer Equipment

- Complete Restencil Equipment Request and submit to [CSC@Railinc.com](mailto:CSC@Railinc.com)
  - The form is available on Railinc.com on the Umler Resource Page
- One or more of the following forms of approval is required:
  - Signed bill of sale (legal document) including the list of unit(s)
  - Email from the prior mark owner, new mark owner and/or car owner indicating Railinc can proceed with restencil
  - An executed Form 88-C, which must be filed with the AAR
- Please note, per AAR Office Rule 88, Form 88-C must be filed with the AAR
  - Please refer to Railinc Price List for applicable fees*




**UMLER RESTENCIL-REQUEST TO TRANSFER EQUIPMENT**

The Umler Restencil process may be completed by the customer in Umler. Customers who decide to restencil unit(s) in Umler should refer to Single or Multiple Restencil in the Umler user's guide located at [www.railinc.com](http://www.railinc.com).

Railinc will continue to complete Umler restencil requests. Railinc recommends customers who wish to proceed with Railinc completing the request read the guidelines and procedures in this document prior to submitting an Umler restencil request. Following the guidelines and procedures noted in this document will allow our staff to process an Umler restencil with the proper information and minimize delays in fulfilling a request.

**Guidelines**

- Umler restencil requests must be submitted with the required form and/or information in an email including invoicing information to [csc@railinc.com](mailto:csc@railinc.com). Customer case(s) will be opened to track the request at Railinc.
- Umler restencil requests received by Railinc will be processed in the order received after the proper documentation and approvals have been received.
- Once an Umler restencil request has been received by Railinc, approvals from the prior mark owner, new mark owner and/or car owner must be submitted to [csc@railinc.com](mailto:csc@railinc.com). *Requests for Umler restencils will be time stamped and if not approved by the appropriate parties within 10 business days, the request will be considered null and void. Cancelled requests must be resubmitted with proper documentation as noted in this document.*
- Railinc will not process an Umler restencil request until one or more of the following forms of approval has been received:
  - Email to [csc@railinc.com](mailto:csc@railinc.com) from the prior mark owner, new mark owner and/or car owner indicating Railinc is to proceed with restencil;
  - If unit(s) were sold, the signed bill of sale (legal document) including the list of unit(s) sold;
  - An executed Form 88-C which must be filed with the AAR. Form 88-C information can be obtained via email to [Form88C@aar.org](mailto:Form88C@aar.org) or fax (202) 639-2179.
- Customers are recommended to maintain contact information in FindUs.Rail. FindUs.Rail will used as a source to confirm email approvals from mark owners.
- Each request for restencil will be assessed \$150.00 for the restencil of 1-25 unit(s) and \$1.50 per car for each additional unit(s). These charges may be subject to change on thirty (30) days notice. Also, you may refer



Old Cars (From)	New Cars (To)
Mark: _____	Mark: _____
	Bill to: _____
	Company: _____
	Contact: _____
	Address: _____
	City, State: _____
	Zip/Country: _____
	Telephone: _____
	Fax: _____
	E-Mail: _____

Total # of units: \_\_\_\_\_

Owner Field: \_\_\_\_\_

Lessee Field: \_\_\_\_\_

Are units in the spreadsheet same equip group?

**EXCEL SPREADSHEET:**  
4 COLUMNS-OLD MARK/OLD NUMBER/NEW MARK/NEW NUMBER  
Example:

OLD MARK	OLD NUMBER	NEW MARK	NEW NUMBER
ABCD	100000	DEFG	100000
ABCD	100001	DEFG	100001
ABCD	100002	DEFG	100002
ABCD	100003	DEFG	100003

RAILINC USE ONLY	Rapid Case (s) # _____
Notes	Data Transfer Completed By: _____
	Initials: _____
	Date: _____
	Invoice: _____
	Invoice Amount: _____
	Date: _____
	Customer #: _____

# Additional Restencil Reminders



- Equipment cannot be in conflict at the time of Restencil unless it is an Informational Conflict only
- Only active or inactive equipment can be Restenciled
- After the Restencil and Clone process, the initial Status of a car should be Pre-registered
- After the Restencil has been performed in Umler the equipment can remain in Pre-registered status for 13 months
- A Pre-registered car will automatically have its Status changed to Active for the initial change when three movements on the car is detected
- If the Status changes to Active due to movement and the car was created from a Restencil, the Prior Equipment ID (PRID) or source car will have its status changed to Inactive automatically by Umler
  - Two equipment IDs cannot be active with the same EIN
- Restenciled equipment must share the same Built Date and EIN
- Inspections and Component CIDs carry forward on Restenciled equipment

# Conflict Management

- On the Umler Homepage, there are three Conflict Management links on the top right side of page
  - Equipment units in conflict
  - Equipment with component ID conflicts
  - Equipment Validation Requests
  - Conflicts not addressed may be restricted at interchange

Equipment units in conflict : 42 

Equipment with component ID conflicts : 17


Equipment Validation Requests : 0 

# Equipment Units in Conflict

- Click 'Equipment units in conflict'
- Click Equipment ID to open record
- Click the 'Equipment is in conflict, click to view'

## Equipment units in conflict : 42

### Equipment Query Results

Select All / Unselect All <input type="checkbox"/>	<u>Equipment Id</u>	<u>Pool Number</u>	<u>Equipment Group</u>	<u>Equipment Type Code</u>	<u>Mechanical Designation</u>	<u>Stencile</u>
<input type="checkbox"/>	<a href="#">RAIL 5</a> 	0000000	TANK	T178	T	RAIL
<input type="checkbox"/>	<a href="#">RAIL 58</a> 	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	<a href="#">RAIL 1010</a> 	0000000	BOXC	A403	XP	RAIL

# Equipment Units in Conflict

- Conflict Error message is displayed in red
  - “Reflectorization is mandatory for all equipment after November 28, 2015.”

Display Unit

Lookup    Lookup Result

[Equipment is in conflict. click to view.](#)

Equipment ID: RAIL0000001010    Equipment Group: BOXC    Stenciler

Show database values:     Flat View:     [Equip PDF](#)    [Equipment](#)

[General](#)   [Weight](#)   [Dimension](#)   [Door](#)   [Specification](#)   [Feature](#)   [Cost](#)   [Car\\_Management](#)   [Train\\_Service](#)   [Truck\\_Components](#)   [Draft](#)

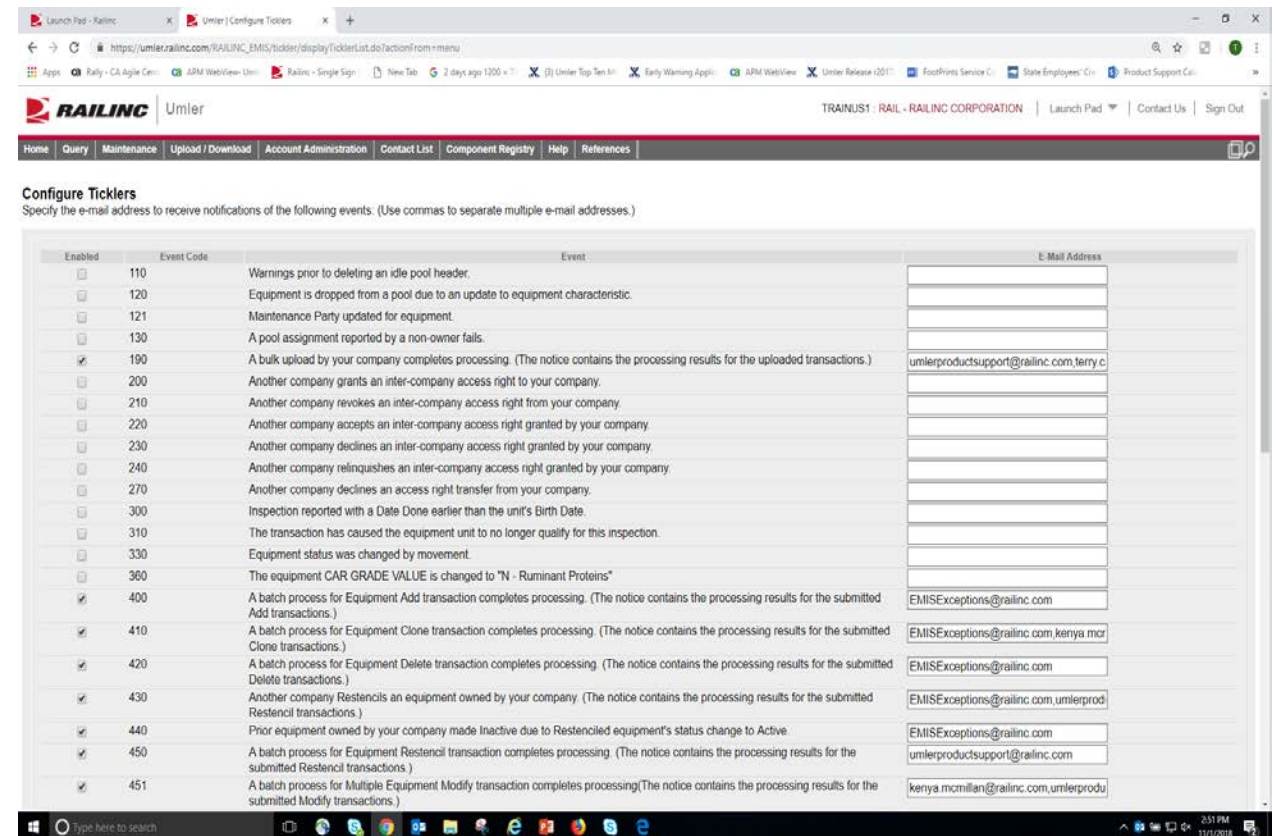
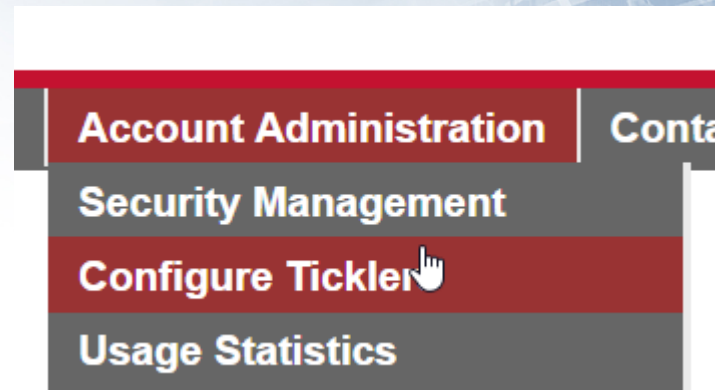
Slack Adjuster Group	<a href="#">B538</a>
Brake Cylinder Mount Type	<a href="#">B540</a>
Equipment Builder	<a href="#">A035</a>
Builder Lot Code	<a href="#">B030</a>
Built Country	<a href="#">B031</a>
Rebuilt Country	<a href="#">B170</a>
FRA Reflectorization	<a href="#">B096</a>
Refrig Emission Code	<a href="#">B345</a>

**Reflectorization is mandatory for all equipment after November 28, 2015**



# Configure Ticklers

- This function can be used to specify email addresses that should receive notifications for specific Umler events as selected by the user
- Only Umler Company Administrators have access to enroll subscribers



# Alternative Umler Maintenance Options



- Bulk Upload
  - Bulk Upload Transactions File Specifications

**RAILINC** | Umler TERR' | IC CORPORATION | Launch Pad ▾ | Contact Us | Sign Out

Home | Query | Maintenance | Upload / Download | Railinc Admin Functions | Account Administration | Contact List | Component Registry | Help | References

### Upload Umler Transactions

IMPORTANT NOTE: Umler allows comma delimited file uploads for various transactions. Each transaction type has a defined set of parameters specific to that transaction type. This option is intended for the advanced user, who must be granted specific Bulk Upload Access to perform this function by the company administrator. It is advised that you first test upload formats that you create in the test environment before attempting to use them in the Production environment. For additional instructions, please contact our customer support group at [csc@railinc.com](mailto:csc@railinc.com) and you may also reference the [Bulk Upload Transactions CSV File Specifications](#).

To upload Umler transactions in CSV format:

1. Select the Browse button.
2. Select the appropriate directory.
3. Select the correct file.
4. Select Open.
5. Select Upload.

No file chosen

- Web Services
  - A system-to-system communication via real-time transactional integration
  - See Railinc Price List for information on setup and fees

# Umler Billing



## • Umler Semi-Annual Fee

- Invoices are based on equipment registered in the Umler file under your assigned reporting marks effective on the first of January and July each year
- For Umler Maintenance billing, owners will receive two invoices: one in February and one in August
- It is the responsibility of each owner or their agent to maintain the accuracy of their Umler registration with respect to their fleet
- There are no retroactive adjustments. All adjustments made to the file after January 1<sup>st</sup> will be reflected in the August invoice

## • AAR Technical User Fee

- AAR fee
- Administered by Railinc
- Annual fee billed twice a year. Once in January and July
- Based on January 1 and car counts registered in Umler under the mark in the Umler owner field

# User Guide and Data Specification Manual



- Access Umler User Guide and DSM from Homepage
- Select References tab for Umler Reference Materials
- Helpful Tips and Tools are available when using Umler



[Umler User Guide](#)  
[Umler Data Specification Manual](#)  
[Umler Change Request Form](#)  
[Component Registry User Guide](#)  
[Component Registry Data Specification Manual](#)  
**[Umler Training Resources](#)**



Umler User Guide

**RAILINC**

## Training Resources

Railinc provides extensive training materials for Umler users to quickly get up to speed on all aspects of Umler. Select a link below or click on [References](#) in the Umler menu from wherever you are in the application.

[Documentation »](#)

[Videos »](#)

[Quick Guides »](#)

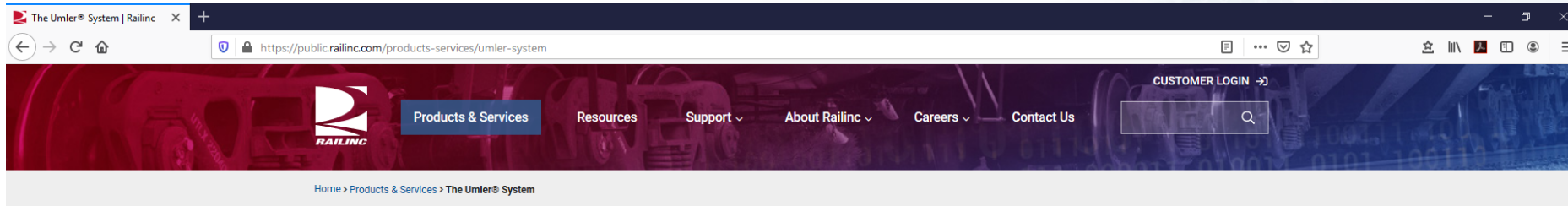
[Component Registry Videos »](#)

[Component Registry Documentation »](#)

Dismiss

# Access Additional Umler Resources

Go to [www.railinc.com](https://www.railinc.com)



## The Umler® System

Umler® is the source of critical data for more than two million pieces of North American rail, steamship, and highway equipment.

The Umler system provides secure access for equipment management and reporting tools, helping equipment owners provide high-quality data to logistics partners and customers.

The system identifies internal and external dimensions, capacities, weight information, and other specific characteristics of freight cars—as well as intermodal trailers and containers. It also serves as the base file for other standard industry equipment reference and management systems.

Railroads, equipment owners, agents, shippers, ports, suppliers, industry consultants, government agencies, and railcar service providers use Umler for the safe and efficient placement, movement, and interchange of railcars.

Umler also includes these enhanced functions:

- **Umler Change Request Form:** Provide details for all Umler system changes, including new elements, permissible values and business rules. Complete the form and email it to [csc@railinc.com](mailto:csc@railinc.com).
- **Component Registry:** Register certain railcar components and associate them with equipment for greater visibility into equipment health.
- **Conflict Management:** Identify equipment records in conflict, with supporting processes to resolve issues. Error messages identify changes that must be made to correct invalid equipment data.
- **Equipment Cloning:** Create single or multiple equipment records using an existing railcar as a template. Minimal changes reduce the time required to build new fleets in Umler.
- **Equipment Lineage:** Track ownership and equipment changes throughout its history, including inspections and equipment modifications.
- **Equipment Status:** Track active, inactive, and pre-registered rail assets to get accurate fleet size and makeup.
- **Locomotive Inspection and Repair Report:** The “Blue Card” tracks FRA locomotive inspections in this [downloadable spreadsheet](#).
- **Notice Management and Ticklers:** Alerts and logs help users stay on top of equipment changes and issues.
- **Query Data:** Provides immediate online reports, including self-service data query tools and custom reports with

### Related Support Documents

- [Railinc SSO Sign-On User Guide](#)
- [TRAIN II User Guide](#)
- [Locomotive Inspection and Repair Report](#)
- [Umler Restencil Request to Transfer Equipment Form](#)
- [Umler User Guide](#)
- [Umler Data Specifications Manual](#)
- [Umler FAQs](#)
- [Umler CSV Upload Specifications](#)
- [Umler Components Diagram](#)
- [Umler Managing Access Rights Quick Guide](#)
- [Umler Querying Equipment Quick Guide](#)
- [Umler Querying Transaction Logs Quick Guide](#)
- [Umler Querying Inspection History Quick Guide](#)
- [Umler Querying Historical Lineage Quick Guide](#)
- [Umler Adding Equipment Quick Guide](#)
- [Umler Cloning Equipment Quick Guide](#)
- [Umler Modifying Equipment Quick Guide](#)
- [Umler Equip Valid Request Quick Guide](#)

# What's Upcoming for Umler



- Q2 2020 Umler Quarter Maintenance – June 18<sup>th</sup>
- Q3 2020 Umler Quarter Maintenance – September 17<sup>th</sup>
- Q4 2020 Umler Quarter Maintenance – December 10<sup>th</sup>

# Railinc Customer Success Center

[csc@railinc.com](mailto:csc@railinc.com)

877-724-5462



# *Railinc Keeps You Moving.*

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