

Introduction to Umler: The Basics

Presenter: Terry Caulfield

June 2019

General Announcements



- Welcome
- Webinar Reminders
 - Attendees will be muted to reduce background noise
 - Submit any questions you have via the Chat box
 - The presentation is expected to last 55 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 pro-active 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 left is the RAILINC logo. To its right is the text "Launch Pad". On the far right of the top navigation bar, it says "TRAINUS1 : RAILINC CORPORATION" followed by "Contact Us" and "Sign Out" links.

The main content area is divided into three primary sections:

- Your Applications:** A box containing a single entry for "Umler".
- User Services:** A list of links including "Edit My Profile", "Change Password", "View/Request Permissions", "Check Status of Permission Requests", and "User Guide".
- Your Notifications:** A section with tabs for "Current Notifications" and "Past Notifications". Below the tabs is a table header with "Date" and "Subject" columns, and the text "No Notifications" below it.
- My Support Cases:** A section with tabs for "Your Open Cases", "All Your Cases", and "Search Your Cases". Below the tabs is a table header with "Case #", "Last Updated", "Title", and "Status" columns. The text "There are no matching cases." is displayed below the header. At the bottom of this section, it says "Customer Support 1-877-RAILINC" and "Support Hours: Monday - Friday, 0700 - 1900 Eastern Time". A red button labeled "Create a New Case" is located at the bottom right of this section.

At the bottom of the page, there is a footer with links for "legal notices", "privacy rights", "terms of service", and "contact us". On the right side of the footer, it says "© 2018 Railinc. All rights reserved."

Umler Homepage



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

Umler Release 19.1

Umler Release Notification

Railinc is pleased to announce the recent release of the Umler system. This release occurred on Thursday March 14, 2019.

Umler Release Highlights

This release includes functional enhancements to Umler including modifications to

Release: EMIS; Build-DateTime: 190, Build-Label: jenkins-emis9-dev-190.

- [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:

[Equipment units in conflict](#) : 47 [?]

[Equipment with component ID conflicts](#) : 18

[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

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

- [Kevin Wolfe](#)
- [Alexandria Congleton](#)
- [Amanda Hulmes](#)
- [Anitra Jenkins](#)
- [Andrew Killmer](#)
- [Anthony McKoy](#)
- [Anthony Randall](#)
- [Alexandra Sciacca](#)
- [Aubrey Surgers](#)
- [Ashton Tucker](#)
- [Brandon Lu](#)
- [Carmen Blair](#)

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 ?

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 Equipment 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"/>		Monitoring Alarms
<input type="radio"/>		Alarm Log
<input type="radio"/>		Alarm Panel
<input type="radio"/>		Alarm Profile
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input checked="" type="radio"/>	TRAINUS1	Brewer Tracy
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View
<input type="radio"/>		Alarm View

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 – Enter a 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:

Timeframe of Authority

2 * Effective Date:

3 * Expiration Date:

Range of Equipment

4 All Equipment: SCAC(s): Initial(s): Equipment Group(s): Equipment:

5 Type of Access

Non-Owner Self-as-Lessee Removal
Equipment - "Add to Pool"
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"/>	RAIL	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

- Next, if the user also needs access to perform inspections, select 'Add Inspection Right'

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"/>	RAIL	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 :**

Mark(s):

All Inspections :

Inspections Types(s):

Range of Equipment

5 **All Equipment :**

SCAC(s):

Initial(s):

Equipment Group(s):

Equipment :

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

Confirmed – Inspection Rights Granted

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

Update A User's Access Rights

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

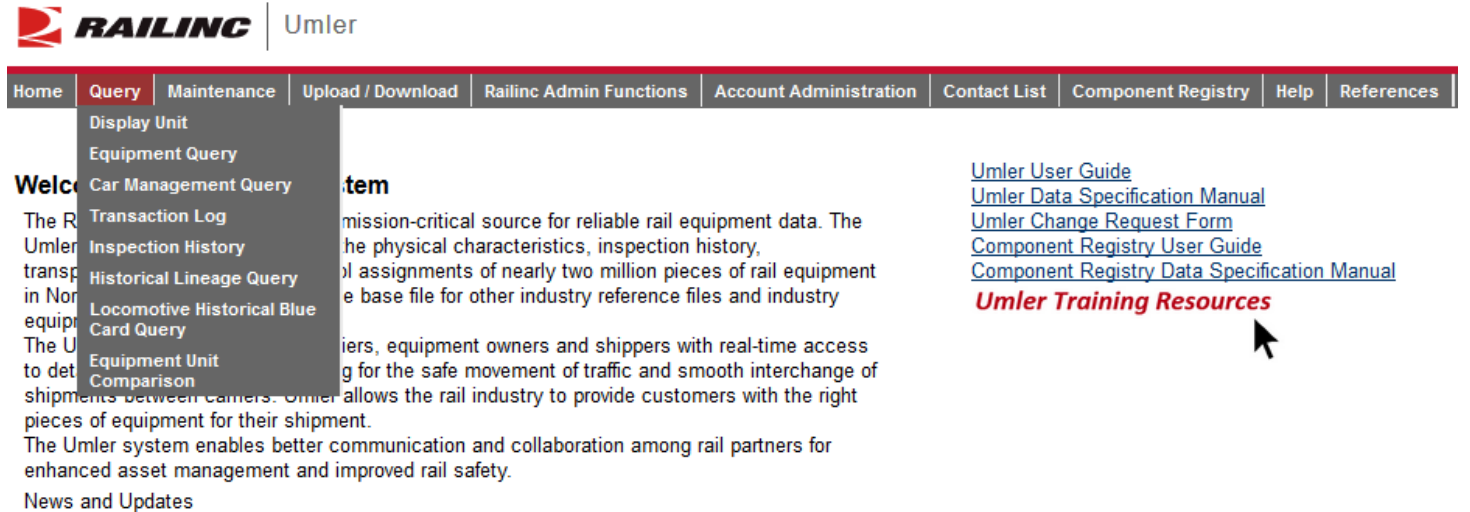
Select	Company	Effective Date	Expiration Date	Type	Description
<input checked="" type="radio"/>	RAIL	11/11/2018	12/31/9999	Equipment	Equipment Rights
<input type="radio"/>	RAIL	11/11/2018	12/31/9999	Inspection	Inspection Rights

[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 displays 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 item is highlighted, and a dropdown menu is open, listing the following 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. Below the navigation bar, the main content area is partially visible, showing a 'Welcome' message and a paragraph of text. On the right side of the page, there are several links: [Umler User Guide](#), [Umler Data Specification Manual](#), [Umler Change Request Form](#), [Component Registry User Guide](#), and [Component Registry Data Specification Manual](#). Below these links is a red link labeled **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 and may include leading zeros and spaces
- For example:
 - RAIL 100
 - rail0000000100

Umler | Display Unit

https://umler.railinc.com/RAILINC_EMIS/equipment/prepareDisplayUnit.do?action=success

RAILINC | Umler

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

Display Unit

*Equipment ID:

Display Unit

Lookup Lookup Result

Equipment ID: RAIL0000000100 Equipment Group: BOXC Stenciled Mark Owner: RAIL

Modify Equipment Cancel

Collapse All Expand All

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_System_Components](#) [Miscellaneous](#) [Inspection](#) [Default_Presentation_Group](#)

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	B403			
Built Date	BLDT	● ▲	07/01/1999	
Rebuilt / ILS Date	BBDT			
Owner	UMOW	●	RAIL	
Lesse	LESE			
Maintenance Party	MNPT		RAIL	
Mark Owner Category	B201		V	
Prior Equipment ID	PRID			
Last Update Date	B122		12/06/2018	
Equipment Add Date	B082		07/27/2017	
Status Change Reason	USCR		O - Status Changed Manually	
Status Change Date	USCT		09/20/2018	
Extended Service	A098	●	E - Built new from July 1, 1974. Qualified for 50 Years Service	
End of Service Date	B078		07/01/2049	
Equipment Identification	EINN		0010260732	

Modify Equipment Cancel

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 Customize Query Output Saved Queries

Search Count Reset Save Clear

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 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.
6 matches found. 6 available for display. 6 matches displayed on this page.

Select All / Unselect All	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner	Lessee
<input type="checkbox"/>	RAIL 1	0000000	LOCO	D620	D	RAIL	
<input type="checkbox"/>	RAIL 30	0000000	LOCO	D127	D	RAIL	
<input type="checkbox"/>	RAIL 100	0000000	BOXC	R300	RB	RAIL	
<input type="checkbox"/>	RAIL 900	0000000	BOXC	R400	RB	RAIL	
<input type="checkbox"/>	RAIL 999	0000000	BOXC	A302	XP	RAIL	
<input type="checkbox"/>	RAIL 5000	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 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:	<input type="text" value="Bow"/> <input type="text" value="Gophers"/> <input type="text" value="Hopper"/> <input type="text" value="Tank"/>	Equipment Type Codes: <input checked="" type="radio"/> Query by complete codes. <input type="radio"/> Query by partial codes.	<input type="text"/>
Mechanical Designations:	<input type="text"/>	<input checked="" type="checkbox"/> Include equipment restricted in interchange:	<input type="text" value="yes"/>
EINs:	<input type="text"/>	Company-Specific Equipment Groups:	<input type="text"/>
Equipment initials:	<input type="text" value="RAIL"/>	Umler Owner:	<input type="text"/>
Umler Company:	<input type="text"/>	Lessee:	<input type="text"/>
Stenciled Mark Owner:	<input type="text"/>	Equipment Status:	<input checked="" type="radio"/> Status <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Pre-registered <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.
39 matches found. 39 available for display. 39 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	
<input type="checkbox"/>	RAIL 36	0000000	BOXC	R370	RPL	RAIL
<input type="checkbox"/>	RAIL 55	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 59	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	RAIL 303	0000000	BOXC	A332	XL	RAIL
<input type="checkbox"/>	RAIL 900	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	RAIL 999	0000000	BOXC	A302	XP	RAIL
<input type="checkbox"/>	RAIL 1010	0000000	BOXC	A403	XP	RAIL
<input type="checkbox"/>	RAIL 1558	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 2229	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8003	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8005	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8010	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8015	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8035	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

Reset

Save

Clear



Estimated Cost: \$ 2.34

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
	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner
2	RAIL0000000036	0	BOXC	R370	RPL	RAIL
3	RAIL0000000055	0	BOXC	R300	RB	RAIL
4	RAIL0000000059	0	BOXC	R400	RB	RAIL
5	RAIL0000000303	0	BOXC	A332	XL	RAIL
6	RAIL0000000900	0	BOXC	R400	RB	RAIL
7	RAIL0000000999	0	BOXC	A302	XP	RAIL
8	RAIL0000001010	0	BOXC	A403	XP	RAIL
9	RAIL0000001558	0	BOXC	R300	RB	RAIL
10	RAIL0000002229	0	BOXC	R300	RB	RAIL
11	RAIL0000008003	0	BOXC	R300	RB	RAIL
12	RAIL0000008005	0	BOXC	R300	RB	RAIL
13	RAIL0000008010	0	BOXC	R300	RB	RAIL
14	RAIL0000008015	0	BOXC	R300	RB	RAIL
15	RAIL0000008035	0	BOXC	R300	RB	RAIL
16	RAIL0000008050	0	BOXC	R300	RB	RAIL
17	RAIL0000008051	0	BOXC	R300	RB	RAIL
18	RAIL0000010015	0	BOXC	R300	RB	RAIL
19	RAIL0000025000	0	BOXC	R300	RB	RAIL
20	RAIL0000044410	0	BOXC	R300	RB	RAIL

In what format would you like your results?

CSV

*Output to (CSV is a chargeable function):

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

The screenshot displays the RAILINC Umler web application interface. The top navigation bar includes 'Home', 'Query', 'Maintenance', 'Upload / Download', 'Account Administration', 'Contact List', 'Component Registry', 'Help', and 'References'. The 'Equipment Query' section is active, with the 'Customize Query Output' tab selected. The interface shows search criteria for Equipment IDs (RAIL100-RAIL5000) and Equipment Groups (Box, Gondola, Hopper, Tank). The 'Equipment Query Results' section is also visible, showing the 'Search Criteria' tab. The 'Available Attributes' list is expanded, showing a list of attributes such as 'Autorack Repair-Inspection Performer' and 'Equipment Id'. The 'Selected Attributes' list is also visible, showing attributes like 'Equipment Id', 'Pool Number', and 'Equipment Group'. The interface includes buttons for 'Search', 'Count', 'Reset', 'Save', and 'Clear'.

Equipment Query – Customized Query Output to Browser

- Output to Browser option
- All selected Attributes 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.
39 matches found. 39 available for display. 39 matches displayed on this page.

								AFMC Inspection			OK
Select All / Unselect All <input type="checkbox"/>	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner	Lessee	Owner	Axle Count	Air Brake Test-Inspection Date Done	
<input type="checkbox"/>	RAIL 36	0000000	BOXC	R370	RPL	RAIL		RAIL	4	06/22/2016	
<input type="checkbox"/>	RAIL 55	0000000	BOXC	R300	RB	RAIL		RAIL	4	02/12/2019	
<input type="checkbox"/>	RAIL 59	0000000	BOXC	R400	RB	RAIL		RAIL	4	06/23/2016	
<input type="checkbox"/>	RAIL 303	0000000	BOXC	A332	XL	RAIL		RAIL	4	09/18/2018	
<input type="checkbox"/>	RAIL 900	0000000	BOXC	R400	RB	RAIL		RAIL	4	02/13/2019	
<input type="checkbox"/>	RAIL 999	0000000	BOXC	A302	XP	RAIL		RAIL	4	09/17/2018	
<input type="checkbox"/>	RAIL 1010	0000000	BOXC	A403	XP	RAIL		RAIL	4		
<input type="checkbox"/>	RAIL 1558	0000000	BOXC	R300	RB	RAIL		RAIL	4	12/23/2016	
<input type="checkbox"/>	RAIL 2229	0000000	BOXC	R300	RB	RAIL		RAIL	4	09/11/2018	
<input type="checkbox"/>	RAIL 8003	0000000	BOXC	R300	RB	RAIL		RAIL	4	01/24/2019	

Equipment Query – Saved Queries

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

RAILINC | Umler

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

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 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:	<input type="text" value="Box"/> Gondola Hopper Tank	Equipment Type Codes:	<input type="text"/>
Mechanical Designations:	<input type="text"/>	<input checked="" type="radio"/> Query by complete codes. <input type="radio"/> Query by partial codes.	<input type="text"/>
EINS:	<input type="text"/>	* Include equipment restricted in interchange:	<input type="text" value="Yes"/>
Equipment Initials:	<input type="text" value="RAIL"/>	Company-Specific Equipment Groups:	<input type="text"/>
Umler Company:	<input type="text"/>	Umler Owner:	<input type="text"/>
Stenciled Mark Owner:	<input type="text"/>	Lessee:	<input type="text"/>
		Equipment Status:	<input checked="" type="radio"/> Status <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Pre-registered <input type="radio"/> No Status

RAILINC | Umler

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

Save Query Attributes

* Query Name :

Query Description :

Save **Cancel**

Equipment Query – Saved Queries

- From 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

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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
Active Boxcars	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"/>	RAIL 36	0000000	BOXC	R370	RPL	RAIL
<input type="checkbox"/>	RAIL 55	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 59	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	RAIL 303	0000000	BOXC	A332	XL	RAIL
<input type="checkbox"/>	RAIL 900	0000000	BOXC	R400	RB	RAIL
<input type="checkbox"/>	RAIL 999	0000000	BOXC	A302	XP	RAIL
<input type="checkbox"/>	RAIL 1010	0000000	BOXC	A403	XP	RAIL
<input type="checkbox"/>	RAIL 1558	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 2229	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8003	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8005	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8010	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 8015	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

Search Transaction Log

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

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) :

State(s) :

Equipment Type Code(s):

Equipment Group(s):

Pool ID(s):

Mechanical Designation(s):

Company ID(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):

Umler Query - Transaction Log

- Click on Transaction ID to view full details
 - Shows Date & Time of Transaction
 - Mark of Performer
 - 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

Home
Query
Maintenance
Upload / Download
Railinc Admin Functions
Account Administration
Contact List
Component Regi

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
149195035	02/10/2018 12:31 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECA	Normal	RAIL
149195036	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		ABT	Normal	RAIL
149195037	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		REF	Normal	RAIL
149195038	02/10/2018 12:31 PM	RAIL 5000	BOXC				RAIL		IDD	Normal	RAIL
149195043	02/10/2018 12:31 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	AARG
149195107	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		ABT	Normal	RAIL
149195108	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		ABP	Normal	RAIL
149195111	02/10/2018 12:33 PM	RAIL 5000	BOXC	R300	RB		RAIL		IDD	Normal	RAIL
149195379	02/10/2018 12:42 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
151615548	03/27/2018 04:41 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
154224696	05/02/2018 12:40 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
154246012	05/03/2018 09:08 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
154246013	05/03/2018 09:08 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
155069886	06/02/2018 07:33 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
156620297	08/01/2018 07:36 AM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL
157341184	08/28/2018 03:10 PM	RAIL 5000	BOXC	R300	RB		RAIL		ECC	Normal	RAIL

Transaction Details

Transaction ID :	149195036	Equipment Group:	BOXC
Timestamp:	02/10/2018 12:31 PM	Mechanical Designation:	
Equipment ID:	RAIL 5000	User:	SYSTGENR
Equipment Type Code:		Equipment Owner:	RAIL
Type:	ABT	Lessee:	
State:	Normal	EIN:	
Company:	RAIL		
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

The screenshot shows the RAILINC Umler web application. The top navigation bar includes links for Home, Query, Maintenance, Upload / Download, Railinc Admin Functions, Account Administration, Contact List, Component Registry, Help, and References. A dropdown menu is open under the 'Query' tab, with 'Historical Lineage Query' highlighted. Other menu items include Display Unit, Equipment Query, Car Management Query, Transaction Log, Inspection History, Locomotive Historical Blue Card Query, and Equipment Unit Comparison. Below the menu, there is a search form with an 'OR EIN:' label, a text input field, and 'Search' and 'Clear' buttons.

Historical Lineage Query Results

The screenshot shows the 'Search Results' tab of the Historical Lineage Query interface. It features a search form with the following fields and buttons:

- Search Criteria** (tab)
- Search Results** (tab)
- Equipment ID:
- OR EIN:
- Search** button (highlighted with a red box)
- Clear** button

HISTORICAL LINEAGE QUERY RESULTS

The screenshot shows the search results table with 4 items found. The table has the following columns: EIN, Equipment ID, Prior Equipment ID, Equip Group, ETC, MD, Built Date, Rebuilt Date, Effective Date, Status, Expiration Date, Most Recent, Conflict, and Action. The 'Status' and 'Most Recent' columns are highlighted with red boxes.

EIN	Equipment ID	Prior Equipment ID	Equip Group	ETC	MD	Built Date	Rebuilt Date	Effective Date	Status	Expiration Date	Most Recent	Conflict	Action
0010224685	RAIL8051	RAIL8050	BOXC	R300	RB	01/01/1967		2019-03-15 15:16:25.627	Active	9999-12-31 00:00:00.0	Y		Add Restencile
0010224685	RAIL8050		BOXC	R300	RB	01/01/1967		2019-03-15 15:16:25.627	Inactive	9999-12-31 00:00:00.0			Add Restencile
0010224685	RAIL8050		BOXC	R300	RB	01/01/1967		2019-03-15 15:14:15.51	Active	2019-03-15 15:16:25.627			OTHER
0010224685	RAIL8050		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

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

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	RAIL8050		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	RAIL8051	RAIL8050	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	RAIL8050		BOXC	R300	RB	01/01/1967		2019-03-15 15:16:25.627	Inactive	2019-03-18 14:58:13.389			Add Restencile
0010224685	RAIL8050		BOXC	R300	RB	01/01/1967		2019-03-15 15:14:15.51	Active	2019-03-15 15:16:25.627			OTHER
0010224685	RAIL8050		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	USCD	●	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	USCD	●	A-ACTIVE		I - INACTIVE	
Mechanical Designation	UMMD	● ▲	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 this is a navigation bar with tabs for "Home", "Query", "Maintenance", "Upload / Download", "Account Administration", and "Contact List". The "Maintenance" tab is selected, and a dropdown menu is open, listing various options: "Add/Change/Delete >", "Car Management >", "Inspections", "Company-Specific Equipment Groups >", "Notice Management", "Suspended Work", and "Manage Future Transactions". A secondary dropdown menu is visible, listing: "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".

RAILINC | Umler TRAINUS

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

Add/Change/Delete > Add Equipment

Car Management > Clone Equipment

Inspections Add-Back Equipment

Company-Specific Equipment Groups > Multiple Add-Back

Notice Management Modify Single Equipment

Suspended Work Modify Multiple Equipment

Manage Future Transactions Single Restencil

Multiple Restencil

Change Equipment Group

Update Equipment Maintenance Party

Delete Equipment

Welcome to
The Railinc Umler system provides rail carriers, e
access to detailed equipment data, provid
interchange of shipments between carrier
customers with the right pieces of equipm

ail equipment da
tion history,
n pieces of rail
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ers with real-tim
f traffic and smc
try to provide

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
 - Press 'Validate'
 - Then press '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
- Then press '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](#)

General					
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
- Press 'Validate' and then '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, select 'Validate' to check for errors
- Press 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): 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 Cor](#)
[Default Presentation Group](#)

General							
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		G510		
Maint of Way Service Type	B403			🗑️	▼		
Built Date	BLDT	● 🗓️	10/01/2010	🗑️	11/01/2011 🗓️		
Rebuilt / ILS Date	RBDT			🗑️	🗓️		
Owner	UMOW	●	RAIL	🗑️	RAIL		
Lessee	LESE			🗑️			
Maintenance Party	MNPT		RAIL	🗑️	RAIL		
Mark Owner Category	B201		V		V		
Prior Equipment ID	PRID						

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'

RAILING | Umler

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

Single Equipment Modify ?

*Equipment ID:

View Components By Element View Components By Location

Single Equipment Modify - Components By Location View ?

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

[General](#) [Weight](#) [Dimension](#) [Specification](#) [Feature](#) [Cost](#) [Car_Management](#) [Train_Service](#) [Truck_Components](#) [Dra](#)

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

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

Validate

Submit

Collapse All

Expand All

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	USCD	●	A-ACTIVE		<input type="text"/>	<input type="text"/>
Mechanical Designation	UMMD	● ▲	LO-Hopper-Covered		<input type="text"/>	<input type="text"/>
Equipment Type Code	UMET		C111		<input type="text"/>	<input type="text"/>
Maint of Way Service Type	B403				<input type="text"/>	<input type="text"/>
Built Date	BLDT	● 📅	06/23/2016		<input type="text"/>	<input type="text"/>
Rebuilt / ILS Date	RBDT				<input type="text"/>	<input type="text"/>
Owner	UMOW	●	RAIL		<input type="text"/>	<input type="text"/>
Lessee	LESE				<input type="text" value="ABCX"/>	<input type="text"/>

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

Delete Equipment

- The Delete Equipment function allows a user to deactivate an Umler record, sending the record to archive
 - Enter Equipment ID or ID's
 - Select 'Validate' to check for any errors
 - Then press '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 ?

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

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umler.railinc.com says

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

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 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

The screenshot displays the RAILINC Umler web application interface. At the top, the RAILINC logo and the user name 'Umler' are visible. A navigation menu includes 'Home', 'Query', 'Maintenance', 'Upload / Download', and 'Account Administration'. The 'Maintenance' menu is expanded, showing options: 'Add/Change/Delete >', 'Car Management >', 'Inspections', 'Company-Specific Equipment Groups >', 'Notice Management' (highlighted with a red bar and a mouse cursor), 'Suspended Work', and 'Manage Future Transactions'. Below the menu, a 'Search Notices' section contains a search criteria form. The form includes a date range selector (03/25/2019 to 03/26/2019), a search for all dates checkbox, and various filters for equipment groups, notice types, and levels. The 'Notice Level' filter is circled in red. The form also includes fields for Event/Response Code(s), Equipment Group(s), Mechanical Designation(s), User ID(s), and a 'Restrict results to only Element' checkbox.

RAILINC | Umler

Home | Query | **Maintenance** | Upload / Download | Account Administration

Add/Change/Delete >
Car Management >
Inspections
Company-Specific Equipment Groups >
Notice Management
Suspended Work
Manage Future Transactions

Welcome to the RAILINC Umler equipment maintenance system. This system is a critical source for reliable physical characteristics, inspections, and maintenance of nearly two million pieces of transportation equipment in the industry equipment file. This system is the base file for other information systems.

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
Ending Date/Time: 03/26/2019 11:59 AM

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"/>	45782377	03/25/2019 08:58 AM	UTLX 94483	TANK	T105	T			UTCX		ECC	ECC0000001	Error	A146		EWSYSGEN	Active	UTCX
<input type="checkbox"/>	45782567	03/25/2019 10:01 AM	BRGX 259	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000259	EWSLCKAD	Active	BRGX
<input type="checkbox"/>	45782568	03/25/2019 10:01 AM	BRGX 260	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000260	EWSLCKAD	Active	BRGX
<input type="checkbox"/>	45782569	03/25/2019 10:01 AM	BRGX 263	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000263	EWSLCKAD	Active	BRGX
<input type="checkbox"/>	45782570	03/25/2019 10:01 AM	BRGX 269	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000269	EWSLCKAD	Active	BRGX
<input type="checkbox"/>	45782571	03/25/2019 10:01 AM	BRGX 270	TANK	T109	T			TILX		ECC	ECC0000001	Warning	0001	BRGX0000000270	EWSLCKAD	Active	BRGX
<input type="checkbox"/>	45782771	03/25/2019 11:10 AM	CTCX 250724	TANK	T107	T			CEFX		ECC	ECC0000001	Information			CARRYFWD	Active	CEFX
<input type="checkbox"/>	45782772	03/25/2019 11:10 AM	CTCX 250724	TANK	T107	T			CEFX		ECC	ECC0000001	Information			CARRYFWD	Active	CEFX
<input type="checkbox"/>	45784487	03/25/2019 03:38 PM	CSXT 401214	GOND	J311	GT			CSXT		ECC	ECC0000001	Information			CARRYFWD	Active	CSXT
<input type="checkbox"/>	45784490	03/25/2019 03:43 PM	KLRX 615066	BOXC	A603	XP			KLRX		ECC	ECC0000001	Error			CARRYFWD	Active	KLRX

Delete Selected

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	9001		UTLX0000094483	

Specification				
Element Name	ID	Flag	Value	Conflict
CC Side Bearing Type	A146			All Tank cars must be equipped with (M-948) approved Long Travel CC Side Bearings.

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:	CFLTCHEK
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.

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:	efkmm01
Stenciled Mark Owner:	[REDACTED]	Lessee:	
Maintenance Party Mark(s):	[REDACTED]		

General

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001	[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:	EWSYSGEN
Stenciled Mark Owner:	[REDACTED]	Lessee:	
Maintenance Party Mark(s):	[REDACTED]		

General

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001		[REDACTED]	

Specification

Element Name	ID	Flag	Value	Conflict
CC Side Bearing Type	A146			

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

[Continue Modify Equipment](#)

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

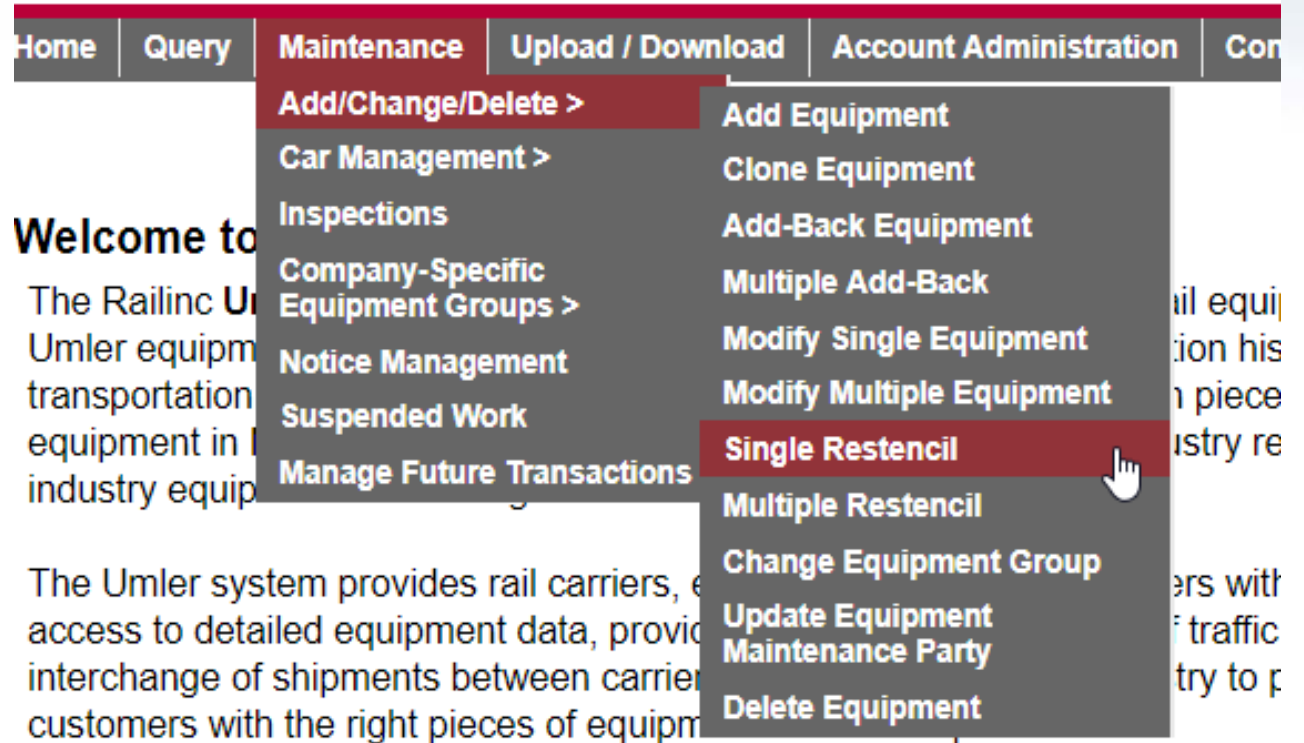
Umler Maintenance Shortcuts



- **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

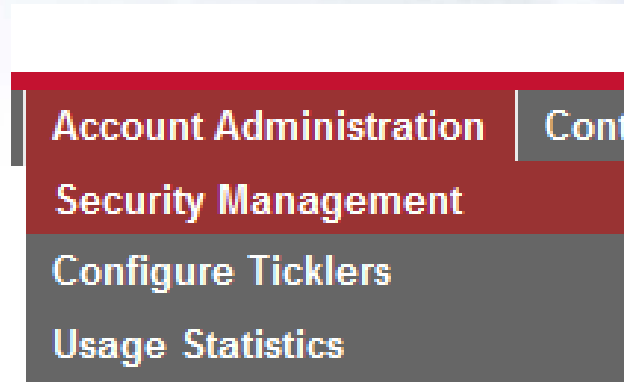
- Restenciling refers to the act of changing the equipment mark and number that is stenciled on the side of an equipment unit
 - The Restencil function allows user to create a new equipment record from a prior equipment registration
- The value of restencilling is that it allows the recording of equipment 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 displays a web application interface with a navigation menu at the top. The menu items are: 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 shows a 'Welcome to' message and a brief description of the Umler system.

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"/>	RAIL	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'

RAILING | 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: Sold AARE 22 to RAIL

Timeframe of Authority

2 Effective Date: 11/01/2018 3 Expiration Date: 12-31-9999

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	CEFX	09/25/2009	12/31/9999	Equipment	equipment rights	Revoked
<input type="radio"/>	32145	CEFX	09/25/2009	12/31/9999	View Confidential Data	restencil	Accepted
<input type="radio"/>	60378	HLMX	11/19/2009	11/20/2009	Equipment	Equipment	Expired
<input type="radio"/>	107381	AARE	08/19/2010	09/30/2010	View Confidential Data	RAIL Confidential Access Rights	Expired
<input type="radio"/>	115302	USR	02/02/2011	12/31/9999	Equipment	Add Modify Delete Equipment.	Accepted
<input type="radio"/>	160993	XOMX	10/02/2012	12/31/9999	View Confidential Data	Carmela Report	Accepted
<input type="radio"/>	173976	TIX	02/15/2013	03/22/2013	Pool	Temp Pool Rights	Expired
<input type="radio"/>	940845	AARE	11/07/2016	12/31/9999	View Confidential Data	Confidential Data Rights	Accepted
<input type="radio"/>	940846	AARE	11/07/2016	12/31/9999	Equipment	Equipment Rights	Relinquished
<input type="radio"/>	940847	AARE	11/07/2016	12/31/9999	Inspection	Inspection Rights	Accepted
<input type="radio"/>	952694	BNSF	09/27/2018	12/31/9999	Equipment	EQUIPMENT RIGHTS	Accepted
<input type="radio"/>	953830	AARE	11/27/2018	12/31/9999	View Confidential Data	Sold AARE 22 to RAIL	Accepted
<input type="radio"/>	953939	AARE	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 pressing Accept, a confirmation message is displayed
- Next select 'Assign to User'
- Select the User ID that is Accepting the Confidential Data Rights and then press 'Select'

View Confidential Data Access Right

Inter-company access right accepted successfully.

Details

Status: Accepted
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

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

<input type="radio"/>	MARC	Parker Tom
<input type="radio"/>	MARC	Cristian Armas
<input type="radio"/>	MARC	Cristian Armas
<input type="radio"/>	MARC	Hil T
<input checked="" type="radio"/>	TRAINUS1	Brewer Tracy
<input type="radio"/>	WESTEST1	Mickael Merges
<input type="radio"/>	WESTEST1	Justin Williams
<input type="radio"/>	WESTEST1	Paula Williams
<input type="radio"/>	WESTEST1	Cristian Armas
<input type="radio"/>	WESTEST1	Mickael Merges
<input type="radio"/>	WESTEST1	Justin Williams
<input type="radio"/>	WESTEST1	Paula Williams

[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
- Press 'Save' to complete the transaction
- Then 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
- Then press '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

1. Complete Restencil Equipment Request and submit to CSC@Railinc.com
 1. The form is available on Railinc.com on Umler Resource Page
2. One or more of the following forms of approval is required:
 1. Signed bill of sale (legal document) including the list of unit(s)
 2. Email from the prior mark owner, new mark owner and/or car owner indicating Railinc can proceed with restencil.
 3. An executed Form 88-C which must be filed with the AAR
3. 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.

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

1. Umler restencil requests must be submitted with the required form and/or information in an email including invoicing information to csc@railinc.com. Customer case(s) will be opened to track the request at Railinc.
2. Umler restencil requests received by Railinc will be processed in the order received after the proper documentation and approvals have been received.
3. 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. 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.
4. Railinc will not process an Umler restencil request until one or more of the following forms of approval has been received:
 - a) Email to csc@railinc.com from the prior mark owner, new mark owner and/or car owner indicating Railinc is to proceed with restencil;
 - b) If unit(s) were sold, the signed bill of sale (legal document) including the list of unit(s) sold;
 - c) 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 or fax (202) 639-2179.
5. Customers are recommended to maintain contact information in FindUs.Rail. FindUs.Rail will used as a source to confirm email approvals from mark owners.
6. 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: _____ Total # of units: _____ Owner Field: _____ Lessee Field: _____	Mark: _____ Bill to: _____ Company: _____ Contact: _____ Address: _____ City, State: _____ Zip/Country: _____ Telephone: _____ Fax: _____ E-Mail: _____																				
Are units in the spreadsheet same equip group? <input type="checkbox"/>																					
EXCEL SPREADSHEET: 4 COLUMNS-OLD MARK/OLD NUMBER/NEW MARK/NEW NUMBER Example: <table border="1" style="margin-top: 5px; border-collapse: collapse; width: 100%;"> <thead> <tr> <th>OLD MARK</th> <th>OLD NUMBER</th> <th>NEW MARK</th> <th>NEW NUMBER</th> </tr> </thead> <tbody> <tr> <td>ABCD</td> <td>100000</td> <td>DEFG</td> <td>100000</td> </tr> <tr> <td>ABCD</td> <td>100001</td> <td>DEFG</td> <td>100001</td> </tr> <tr> <td>ABCD</td> <td>100002</td> <td>DEFG</td> <td>100002</td> </tr> <tr> <td>ABCD</td> <td>100003</td> <td>DEFG</td> <td>100003</td> </tr> </tbody> </table>		OLD MARK	OLD NUMBER	NEW MARK	NEW NUMBER	ABCD	100000	DEFG	100000	ABCD	100001	DEFG	100001	ABCD	100002	DEFG	100002	ABCD	100003	DEFG	100003
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 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 100%;">Notes</th> </tr> </thead> <tbody> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </tbody> </table>	Notes						Rapid Case (s) # _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 100%;">Data Transfer Completed By:</th> </tr> </thead> <tbody> <tr> <td>Initials: _____</td> </tr> <tr> <td>Date: _____</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 100%;">Invoice:</th> </tr> </thead> <tbody> <tr> <td>Invoice Amount: _____</td> </tr> <tr> <td>Date: _____</td> </tr> <tr> <td>Customer #: _____</td> </tr> </tbody> </table>	Data Transfer Completed By:	Initials: _____	Date: _____	Invoice:	Invoice Amount: _____	Date: _____	Customer #: _____							
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 (3) 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 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

Search Criteria		Search Results				
Select one or more equipment IDs, and an action, for pool management/equipment management. You may a 19 matches found. 19 available for display. 19 matches displayed on this page.						
Select All / Unselect All	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stencile
<input type="checkbox"/>	RAIL 5	0000000	TANK	T178	T	RAIL
<input type="checkbox"/>	RAIL 58	0000000	BOXC	R300	RB	RAIL
<input type="checkbox"/>	RAIL 1010	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](#)

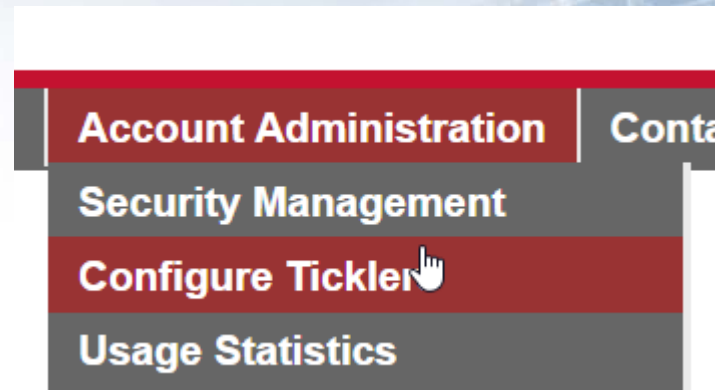
[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car_Management](#) [Train_Service](#) [Truck_Components](#) [Draft](#)

Slack Adjuster Group	B538
Brake Cylinder Mount Type	B540
Equipment Builder	A035
Builder Lot Code	B030
Built Country	B031
Rebuilt Country	B170
FRA Reflectorization	B096
Refrig Emission Code	B345

Reflectorization is mandatory for all equipment after November 28, 2015

Configure Ticklers

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



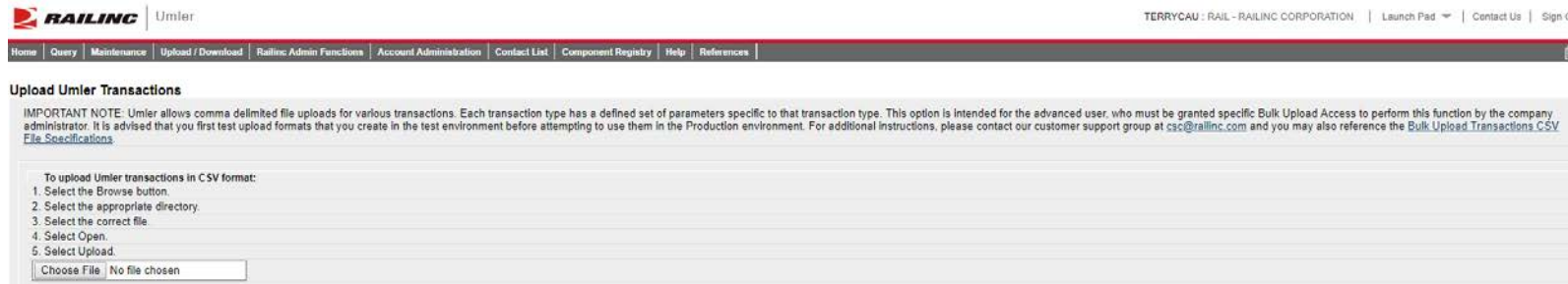
A screenshot of the 'Configure Ticklers' web page in a browser. The page title is 'Configure Ticklers' and it includes a sub-header: 'Specify the e-mail address to receive notifications of the following events: (Use commas to separate multiple e-mail addresses.)'. Below this is a table with columns for 'Enabled', 'Event Code', 'Event', and 'E-Mail Address'. The table contains 20 rows of data, each representing a specific event type and its corresponding email notification address. The 'Enabled' column has checkboxes, some of which are checked. The 'E-Mail Address' column contains various email addresses, some of which are pre-filled with values like 'umlerproductsupport@railinc.com,terry.c' and 'EMISExceptions@railinc.com'. The browser's address bar shows the URL 'https://umler.railinc.com/RAILINC_EMIS/tickler/display/ticklerList.do?action=from+menu'. The browser's taskbar at the bottom shows the time as 2:51 PM on 11/1/2016.

Alternative Umler Maintenance Options



- Bulk Upload

- Bulk Upload Transactions File Specifications –



- 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 of every 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 1st 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 1st 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](#)

A screenshot of a web browser window titled 'Umler User Guide'. The window displays the RAILINC logo and the heading 'Training Resources'. Below the heading, there is a paragraph of text and several links: 'Documentation »', 'Videos »', 'Quick Guides »', 'Component Registry Videos »', and 'Component Registry Documentation »'. A 'Dismiss' button is located in the bottom right corner of the window.

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

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> Industry Products

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Asset Health Data
Summaries

Asset Health
Strategic Initiative

Car Hire

Car Repair Billing

Clear Path System

Component
Tracking

Damaged and
Defective Car
Tracking

Early Warning

Embargoes

Equipment Health
Management

The Umler System

The Umler[®] system is an electronic resource that contains critical data for North American transportation equipment. Originally created in 1968, Umler maintains data for more than two million pieces of equipment used in rail, steamship and highway service.

Railroads, equipment owners, agents, shippers, ports, suppliers, industry consultants, government agencies and car maintenance facilities are all users of Umler for the safe and efficient placement, movement and interchange of cars for railroad carriers and customers. Umler data elements identify internal and external dimensions, capacities, weight information and specific characteristics of freight cars, trailers and containers. It serves as the base file for industry reference files (IRFs) as well as industry equipment accounting files.

Take A Look Inside the Umler System

The Umler system provides secure access to equipment management and reporting tools, helping equipment owners provide high-quality data to logistics partners and customers. It also includes these enhanced functions:

- **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.

What's Upcoming for Umler



- Q2 2019 Umler Quarter Maintenance Release – June 20th
- Q3 2019 Webinar – Introduction to Component Registry
- Q3 2019 Umler Quarter Maintenance Release – September 12th
- Q4 2019 Webinar – Umler Topic TBD
- Q4 2019 Umler Quarter Maintenance – December 5th

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