

Introduction to Umler[®]: The Basics

Presenter: Anna Lube

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 50 minutes.
- Please complete the short survey at the end of presentation.

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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

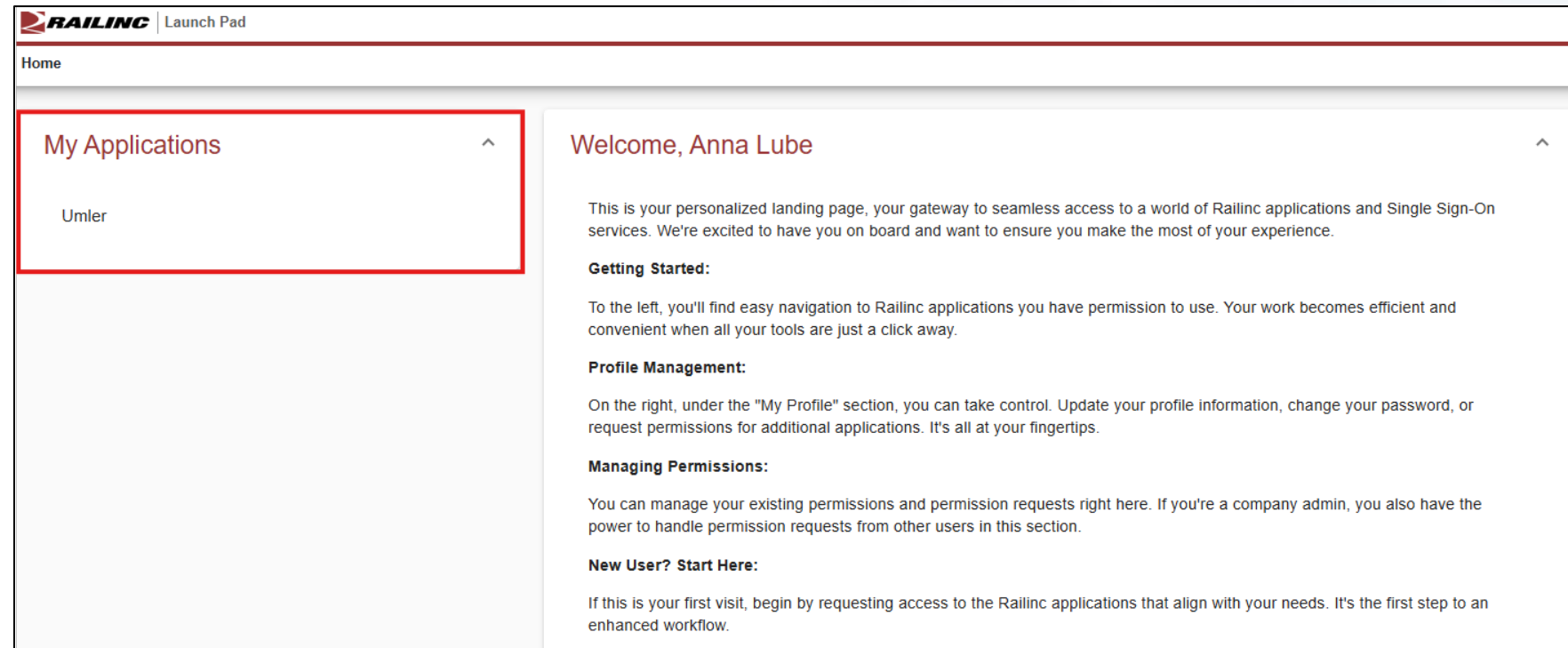


- The Umler equipment registry contains the physical characteristics, inspection history, transportation management and pool assignments of nearly two million pieces of rail equipment in North America. This registry is the base file for other industry reference files and industry equipment accounting 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 'My Applications' on the Launch Pad.



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.

☐ Use Spanish for error messages and form labels

Release Docs

- [Umler User Guide](#)
- [Umler Data Specification Manual](#)
- [Umler Change Request Form](#)
- [Component Registry User Guide](#)
- [Component Registry Data Specification Manual](#)
- [Advanced Query User Guide](#)

Umler Contacts for RAIL

External users are provided the following contacts when searching for RAIL Umler File Maintainers in Findus.Rail:

csc@railinc.com
Renga

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

[Arub Abubakar](#)
A

To search for contacts at other companies [click here](#)

Equipment

Single Equipment Search

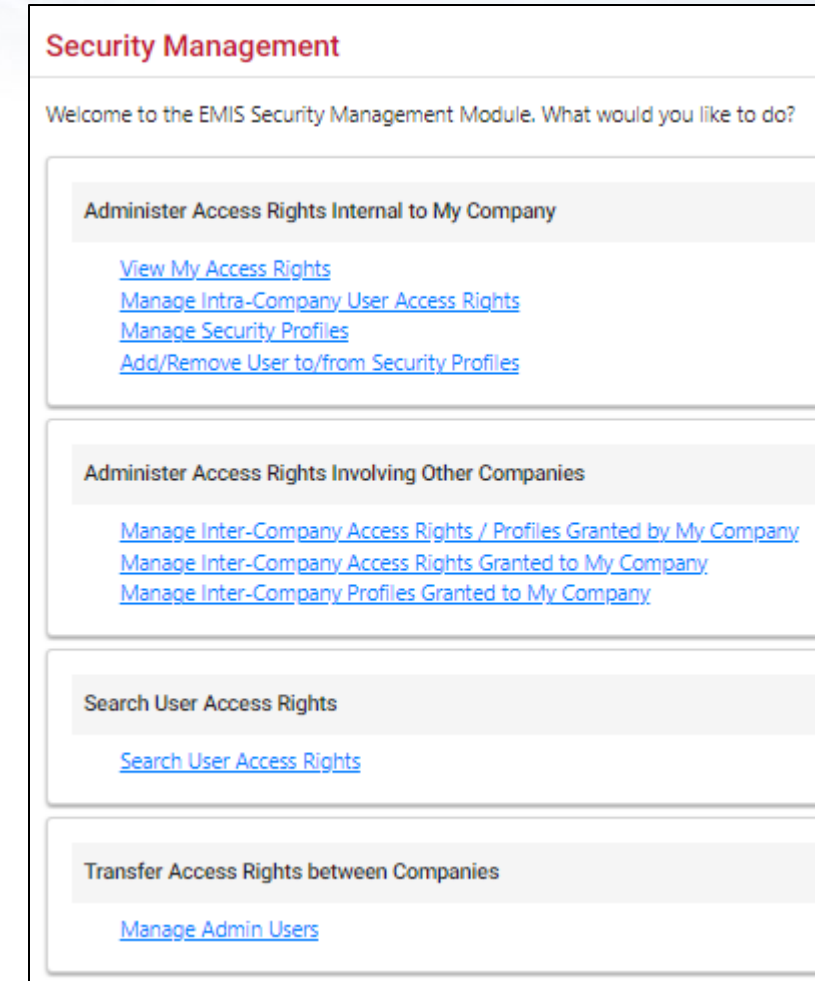
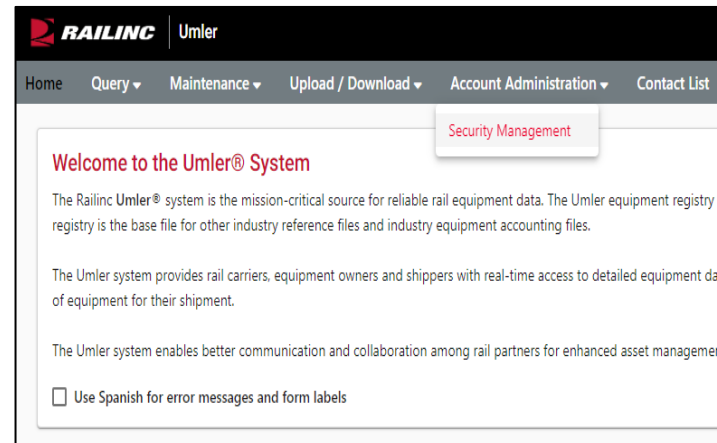
- Equipment units in conflict: 715
- [Download Equipment in Conflict](#)
- Equipment with component ID conflicts: 9
- Equipment Validation Requests: 6



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 and select 'Security Management'.
- Note the different options for granting access rights:
 - Administer Access Rights Internal to My Company.
 - Administer Access Rights Involving Other Companies.



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.

Clear Filters

Select	User ID	Name
☐	MGTEST23	Gern Meredith
☐	MONEMIS	Redd Robert
☐	MORRISOK	Morrison Kenneth
☐	MTNDEW22	McMillan Kenya
☐	NMKYNE	Girard Nicole
☐	PRODUSER	DESHPANDE VIKRAM
☐	QAUMLER2	McMillan Kenya
☐	RAILTEST	Evans Karrington
☐	RIC_NPS	Phillips Gregg
☐	RMC FALLS	McFalls Robin
☐	ROBBIEN1	O'Brien Rory
☐	rtd101	Ledbetter Randy
☐	SABRIINA	Knott Sabrina
☐	SANDEEPP	Paila Sandeep
☐	SANDYPRD	paila sandeep
☐	SANDYWEB	Paila Sandeep
☐	SANSEV	Sevakula Sandeep
☐	sdnmi01	Fimble Nichole
☐	SDRXR03	ronon raiyan
☐	SHAWNIMAD	Madden Shawn

Select

Cancel

Add Equipment Right



- Next, click 'Add Equipment Right.'

Update A User's Access Rights

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

[Clear Filters](#)

Select	Company	Effective Date	Expiration Date	Type	Description
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’.

A screenshot of the 'Equipment Access Right' web form. The form is titled 'Equipment Access Right' and shows 'Currently editing access rights for: BSAXL02'. It includes sections for 'Description of Access Right', 'Timeframe of Authority' (with effective and expiration dates), 'Range of Equipment' (with SCAC, Initial, and Equipment Group dropdowns), and 'Type of Access' (with a list of access types). The 'Save' button at the bottom right is highlighted with a red box.

Equipment Access Right

Currently editing access rights for: **BSAXL02**
Edit the details of the access right.

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

Description of Access Right

Description *
Equipment Rights LOA Number

Timeframe of Authority

Effective Date * 04/09/2026 Expiration Date * 12/31/9999

Range of Equipment

☒ All Equipment: SCAC(s): RAIL Initial(s): RAIL Equipment Group(s): BOXC, CHSS, CONT, EOTD Equipment:

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.

Update A User's Access Rights

✓ Equipment Right added successfully.

Currently editing access rights for security profile: [BSAXL02](#)

Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	RAIL	04/09/2026	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 the user will be performing inspections.

Update A User's Access Rights

✓ Equipment Right added successfully.

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

Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	RAIL	07/02/2024	12/30/9999	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 a 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 which inspections and marks the user needs.
 - Step 5 – Specify which equipment the user should have access to.
- Click 'Save'.

Inspection Access Right

Currently editing access rights for: BSAXL02
Edit the details of the access right.

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

Description of Access Right

Description *
Inspection Rights

LOA Number

Timeframe of Authority

Effective Date * 04/09/2026 Expiration Date * 12/31/9999

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

☒ All Marks: Mark(s): RAIL

☒ All Inspections: Inspections Types(s): VAI, SBI, EBI, REF

Range of Equipment

☒ All Equipment: SCAC(s): RAIL Initial(s): RAIL Equipment Group(s): BOXC, CHSS, CONT, EOTD, FLAT

Equipment:

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

Confirmed – Inspection Rights Granted

- User can now perform Umler maintenance and report inspections based on having Equipment & Inspection Rights granted.
- Click ‘Done’ to exit.

Update A User's Access Rights

✓ Inspection Right added successfully.

Currently editing access rights for security profile: [BSAXL02](#)

Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	RAIL	04/09/2026	12/31/9999	Equipment	Equipment Rights
☐	RAIL	04/09/2026	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



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

RAILINC | Umler

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

Display Unit
Equipment Query
Car Management Query
Transaction Log
Inspection History
Historical Lineage Query
Locomotive Historical Blue Card Query
Equipment Unit Comparison

☐ Use Spanish for error messages and form labels

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[Arub Abubakar](#)
A. A. B. A.

To search for contacts at other companies [click here](#)

Display Unit

- A single equipment ID is entered to return the full Umler record.
 - Equipment initials may be entered in upper and lower cases.
 - It may include leading zeros and spaces.
 - For example:
 - RAIL 303
 - RAIL0000000303
 - Rail0303
- Users with Maintenance access can also 'Modify Equipment' from this screen.

 Umler

HomeQueryMaintenanceUpload / DownloadAccount AdministrationContact ListComponent RegistryReferences

Display Unit

Equipment ID *
RAIL0000000303

Submit

Display Unit

SearchSearch Result

Collapse All

Expand All

Equipment ID: RAIL0000000303
Show database values: ☐

Equipment Group: MISC
Flat View: ☐

Stenciled Mark Owner: RAIL
[Equip PDF](#) [Equipment Health View](#)

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

General

Element Name	ID	Flag	Value	Conflict
Status Code	USCD	●	P - PRE-REGISTERED	
Mechanical Designation	UMMD	● ▲	MWM - MoW - Box cars	
Equipment Type Code	UMET		M190	
Maint of Way Service Type	B403			
Built Date	BLDT	● 📅	06/01/1976	
Rebuilt / ILS Date	RBDT			
Owner	UMOW	●	RAIL	
Lessee	LESE			
Maintenance Party	MNPT		RAIL	
Mark Owner Category	B201		V - US Class III Railroad	
Prior Equipment ID	PRID			
Last Update Date	B122		04/04/2023	
Equipment Add Date	B082		07/20/2022	

Equipment Query

- Used for searching multiple pieces of equipment.
- Multiple search criteria available.
 - Basic search
 - Customized Query Output
 - Saved Queries
 - Reports
- Enter cars in the ‘Equipment ID’ field.
- Click ‘Search’ to run query.

BasicCustomize Query OutputSaved QueriesReports (CSV Downloads)

Enter one or more fields to search equipment information.

Results will include equipment matching ALL of the following criteria.

Equipment IDs

RAIL 88
rail19
RAIL000033
RAIL0000000073
RAIL3200

Pool IDs

Equipment Groups

Box
Gondola
Hopper
Tank

Equipment Type Codes

☒ Query by complete codes
☐ Query by partial codes

Mechanical Designations

EINs

Equipment Initials

Umler Company

Stenciled Mark Owner

Superstructure Identification

Include equipment restricted in interchange
Yes

Company-Specific Equipment Groups

Umler Owner

Lessee

Equipment Status

☐ Status
☐ No Status

Prior Equipment IDs

Equipment Query Results

Reports

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.
2 matches found. 2 available for display. 2 matches displayed on this page.

AFMC Inspection

Apply

Clear Filters

☐ Equipment Id	Status Code	Equipment Group	Mechanical Designation	Equipment Type Code	Stenciled Mark Owner	Owner	Lessee	Prior Equipment ID	Pool Number
☐ RAIL 33	P	BOXC	XL	A432	RAIL	RAIL		RAIL0000256150	0000000
☐ RAIL 88	P	BOXC	RBL	R510	RAIL	RAIL		RAIL0000282601	0000000

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Equipment Query

- Search by other criteria to limit your query results by:
 - Equipment Group, Equipment Initials, Stenciled Mark Owner, Umler Owner, Equipment Status, etc.
- Use 'Count' to see how many equipment IDs are found matching the search criteria.
- The user can re-enter search criteria by selecting 'Clear'.

The screenshot displays the 'Equipment Query' interface. At the top right, there are four buttons: 'Search', 'Count', 'Save', and 'Clear'. The 'Count' button is highlighted with a red box. Below the buttons, there are tabs for 'Basic', 'Customize Query Output', 'Saved Queries', and 'Reports (CSV Downloads)'. The 'Basic' tab is selected. The main area is titled 'Enter one or more fields to search equipment information.' and contains a list of search criteria. The criteria are: Equipment IDs, Pool IDs, Equipment Groups (with a dropdown menu showing 'Box', 'Gondola', 'Hopper', and 'Tank'), Mechanical Designations, EINs, Equipment Initials (with a dropdown menu showing 'RAIL'), Umler Company, Stenciled Mark Owner, Superstructure Identification, Equipment Type Codes (with radio buttons for 'Query by complete codes' and 'Query by partial codes'), Include equipment restricted in interchange (with a dropdown menu showing 'Yes'), Company-Specific Equipment Groups, Umler Owner, Lessee, Equipment Status (with radio buttons for 'Status', 'No Status', and checkboxes for 'Active', 'Inactive', and 'Pre-registered'), and Prior Equipment IDs. The 'Equipment Initials' dropdown menu is highlighted with a red box, and the 'Equipment Status' section is also highlighted with a red box.

Equipment Query Enhancements

- Increased Saved Queries
Prior saved query maximum – 25
New saved query maximum – 200
- New Element IDs and permissible values
- Reordered default Equipment Query Results
- Superstructure ID on Equipment Query
- Prior ID on Equipment Query
- Report email notification

Equipment Query Reports

Search Count Save Clear

Basic Customize Query Output **Saved Queries** Reports (CSV Downloads)

Enter one or more fields to search equipment information.

Results will include equipment matching ALL of the following criteria.

Equipment IDs	Pool IDs
Equipment Groups: Box Gondola Hopper Tank	Equipment Type Codes: ☒ Query by complete codes ☐ Query by partial codes
Mechanical Designations	Include equipment restricted in interchange Yes
EINs	Company-Specific Equipment Groups
Equipment Initials	Umler Owner
Umler Company	Lessee
Stenciled Mark Owner	Equipment Status: ☐ Status ☐ No Status
Superstructure Identification	Prior Equipment IDs

Basic **Customize Query Output** Saved Queries Reports (CSV Downloads)

Available Attributes

Filter attributes...

13 CP Due Date - DU42
 16 CP Due Date - DU39
 20 Pipe Block Due Date - DU40
 21 Pipe Vent Due Date - DU43
 286K Aprvd COC/FRA Waiver - B096
 4-Pressure ABT Recvr Eqpd - B539
 A&B Amount - A317
 A&B Date Done - A319
 A&B Pos/Neg Ind - A316
 A&B Type - A318
 ABT 5-8 Year Due Date - DU58
 ABT Due Date (Repair Trk) - DU13

Selected Attributes

Filter attributes...

Equipment Id - 0001
 Status Code - USCD
 Equipment Group - 0002
 Mechanical Designation - UMMD
 Equipment Type Code - UMET
 Stenciled Mark Owner - SMOW
 Owner - UMOW
 Lessee - LESE
 Prior Equipment ID - PRID
 Pool Number - P001

Equipment Query

- The filter allows the user to dynamically search for an Element ID or Element Name
- **Confidential Element Search**
 - User must be Stencil Mark Owner or have the appropriate Equipment Rights or Confidential Data Rights to see Confidential Data elements.
 - If the user submits a query with confidential data elements, but no permission or confidential data rights, the query will fail or timeout.
- **Element Value Criteria**
 - Public elements are available to all users with Umler Access for Query.

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
pres Pressure Relief Valve CID - B360 Pressure Relief Valve Due - B245 Pressure Relief Vlv Qual - B244	Exists Select An Element Select An Element	☐ ☐ ☐	

Element Value Criteria

Element Name	Qualifier	Compare To Another Element	Element Values
B081 EPA Emissions Tier Level - B081	Equals Select An Element Select An Element	☐ ☐ ☐	X

In what format would you like your results?

Browser

Maximum Number of Results (Browser Output Only)

1000

Search

Count

Save

Clear

Customized Equipment Query

- Filtering available
 - Customized Query Output
- Filtering allows the user to dynamically search for an Element ID or Element Name.
- Add and remove attributes by choosing from the 'Available Attributes' list.
 - 50-attribute limit.
 - Start typing in 'Select An Element' to use the filter.
 - Select the red 'x' to cancel the element selected and then filter again.
 - Click 'Search' to run query.

The screenshot shows the 'Customize Query Output' tab in a software interface. At the top, there are four tabs: 'Basic', 'Customize Query Output' (selected), 'Saved Queries', and 'Reports (CSV Downloads)'. Below the tabs, there are two main sections. The left section, titled 'Available Attributes', contains a search bar with the text 'super' and a red 'x' icon to its right. Below the search bar is a list of attributes: 'Superstructure Builder - A212', 'Superstructure Built Date - SBDT', 'Superstructure Deck Level - B406', 'Superstructure Lessee - B158', and 'Superstructure Owner - B159'. The right section, titled 'Selected Attributes', contains a search bar labeled 'Filter attributes...' and a list of selected attributes: 'Equipment Id - 0001', 'Status Code - USCD', 'Equipment Group - 0002', 'Mechanical Designation - UMMD', 'Equipment Type Code - UMET', 'Stenciled Mark Owner - SMOW', 'Owner - UMOW', 'Lessee - LESE', 'Prior Equipment ID - PRID', and 'Pool Number - P001'. A red box highlights the search bar and the list of attributes in the 'Available Attributes' section.

This screenshot is similar to the one above, showing the 'Customize Query Output' tab. The 'Available Attributes' section has the same search bar with 'super' and the same list of attributes. The 'Selected Attributes' section has the same search bar and list of attributes. A red box highlights the search bar and the list of attributes in the 'Available Attributes' section. The interface is identical to the one above, but the red box is slightly different in position.

Equipment Query – Customized Query Output



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

Basic **Customize Query Output** Saved Queries Reports (CSV Downloads)

Available Attributes

super ✕

Superstructure Built Date - SBDT
Superstructure Deck Level - B406
Superstructure Lessee - B158
Superstructure Owner - B159

Selected Attributes

Filter attributes...

Equipment Id - 0001
Status Code - USCD
Equipment Group - 0002
Mechanical Designation - UMMD
Equipment Type Code - UMET
Stenciled Mark Owner - SMOW
Owner - UMOW
Lessee - LESE
Prior Equipment ID - PRID
Pool Number - P001
Superstructure Builder - A212

Element Value Criteria			
Element Name	Qualifier	Compare To Another Element	Element Values
Superstructure Builder - A212 ✕	Equals ✕	☐	N
Select An Element ▼	Select An Element ▼	☐	
Select An Element ▼	Select An Element ▼	☐	

Equipment Query Results

Reports

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.

AFMC Inspection

Apply

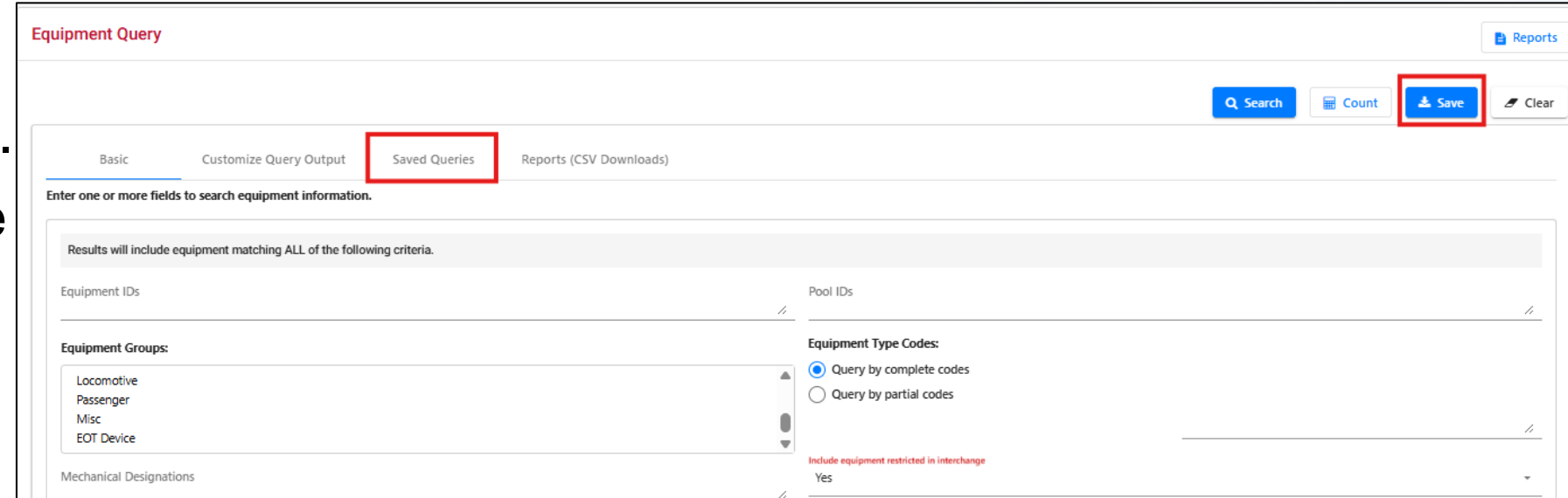
Clear Filters

☐	Equipment Id	Status Code	Equipment Group	Mechanical Design...	Equipment Type Co...	Stenciled Mark Ow...	Owner	Lessee	Prior Equipment ID	Pool Number	Superstructure Buil...
☐	RAIL 22188	P	VFLT	FA	V498	RAIL	RAIL			0000000	N
☐	RAIL 262840	A	VFLT	FA	V498	RAIL	RAIL	AARE		0000000	N
☐	RAIL 282108	A	VFLT	FA	V498	RAIL	RAIL	AARE		0000000	N

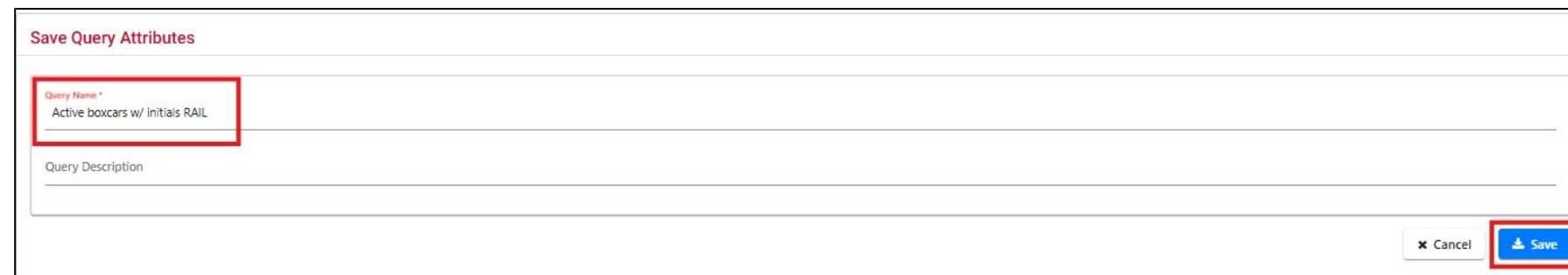
Equipment Query – Saved Queries



- Saved Queries.
- Enter all search criteria in 'Basic' tab.
- Click 'Save' to name the query.
- Enter a 'Query Name' and 'Query Description.'
- Click 'Save' again.



The screenshot shows the 'Equipment Query' interface. At the top right, there are buttons for 'Search', 'Count', 'Save' (highlighted with a red box), and 'Clear'. Below these are tabs for 'Basic', 'Customize Query Output', 'Saved Queries' (highlighted with a red box), and 'Reports (CSV Downloads)'. The 'Basic' tab is active, showing a search criteria section with the instruction 'Enter one or more fields to search equipment information.' Below this, there are fields for 'Equipment IDs', 'Pool IDs', 'Equipment Groups' (with a dropdown menu showing 'Locomotive', 'Passenger', 'Misc', and 'EOT Device'), and 'Mechanical Designations'. On the right side, there are 'Equipment Type Codes' with radio buttons for 'Query by complete codes' (selected) and 'Query by partial codes'. At the bottom right, there is a checkbox for 'Include equipment restricted in interchange' which is checked.



The screenshot shows the 'Save Query Attributes' dialog. It has a 'Query Name *' field with the text 'Active boxcars w/ initials RAIL' (highlighted with a red box) and a 'Query Description' field. At the bottom right, there are 'Cancel' and 'Save' buttons (the 'Save' button is highlighted with a red box).

Equipment Query – Saved Queries



- Click the tab that reads ‘Saved Queries’.
- The newest 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.

The screenshot shows the 'Equipment Query' interface. At the top, there are tabs: 'Basic', 'Customize Query Output', 'Saved Queries' (highlighted with a red box), and 'Reports (CSV Downloads)'. Below the tabs, there are radio buttons for 'My Saved Queries' (selected) and 'All Saved Queries'. A table titled 'Saved Queries (1 query)' is displayed. The table has columns: 'Query Name', 'Query Description', 'Created Date', 'Created By', and 'Action'. One query is listed: 'Active boxcars w/ initials RAIL' with a 'Delete' button next to it. The 'Query Name' cell is highlighted with a red box.

The screenshot shows the 'Equipment Query Results' page. It has a 'Search Criteria' tab and a 'Search Results' tab. Below the tabs, there is a message: 'Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it. 546 matches found. 546 available for display. 546 matches displayed on this page.' Below this, there is a table with columns: 'Equipment Id', 'Equipment Group', and 'Equipment Type Code'. The table contains 10 rows of data, each with a checkbox, an equipment ID, a group, and a type code. The 'AFMC Inspection' filter is applied.

The screenshot shows the 'Equipment Query Results' page with a detailed table. It has a 'Search Criteria' tab and a 'Search Results' tab. Below the tabs, there is a message: 'Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it. 985 matches found. 985 available for display. 985 matches displayed on this page.' Below this, there is a table with columns: 'Equipment Id', 'Pool Number', 'Equipment Group', 'Equipment Type C...', 'Mechanical Design...', 'Stenciled Mark Ov...', 'Lessee', 'Status Code', 'Owner', and 'ABT Due Date (...)'. The table contains 10 rows of data, each with a checkbox, an equipment ID, a pool number, a group, a type code, a mechanical design, a stenciled mark, a lessee, a status code, an owner, and an ABT due date. The 'AFMC Inspection' filter is applied.

Umler Query - Transaction Log



- Transaction Log Enhancements
 - Search By Equipment IDs:
 - Use 'Search All Dates' Guidance
 - Faster and more efficient search
 - Search By Date Range:
 - Use 'Search Specific Dates'
 - Faster and more efficient search
- Search by Transaction Type or other detailed criteria
- Output Formats:
 - Browser (Summary)
 - Browser (Detail)
 - CSV (Export)

Search Transaction Log

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

Q Search

Count

Clear

In what format would you like your results?

Browser(Summary)

Maximum Number of Results (Browser Output Only) *

1000

Results will include transactions matching ALL of the following criteria

* At least one input is required:

☒ Search All Dates

This selection will yield fastest results

☐ Search Specific Dates

Equipment ID(s)

Company-Specific Equipment Group(s)

ID	TimeStamp	Equipment ID	EG	ETC	MD	Pool ID	Equip Owner	Lessee	Type	State	Company
220241187	09/14/2023 09:07 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECA	Normal	RAIL
220241338	09/14/2023 09:10 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
220241425	09/14/2023 09:11 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ABT	Normal	RAIL
220241426	09/14/2023 09:11 AM	RAIL0000091403	GOND	GS10	GB		RAIL		IDD	Normal	RAIL
220241427	09/14/2023 09:11 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
220241428	09/14/2023 09:11 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	AARG
220241521	09/14/2023 09:12 AM	RAIL0000091403	GOND	GS10	GB		RAIL		REF	Normal	RAIL
221475234	10/04/2023 01:22 PM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
221475289	10/04/2023 01:25 PM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
223487120	11/14/2023 07:19 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
224215964	12/07/2023 10:56 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL
224456682	12/15/2023 07:29 AM	RAIL0000091403	GOND	GS10	GB		RAIL		ECC	Normal	RAIL

242187380	07/31/2025 03:36 AM	RAIL 313460	B122	Last Update Date	07/31/2025	07/31/2025	E	BASE	1
242187380	07/31/2025 03:36 AM	RAIL 313460	B550	Vehicle/Track	O		E	BASE	1
				Interaction Equipped					
242187381	07/31/2025 03:36 AM	RAIL 313460	B122	Last Update Date	07/31/2025	07/31/2025	E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	EINN	EIN (Equipment	0010893092		E	BASE	1
				Identification Number)					
242187381	07/31/2025 03:36 AM	RAIL 313460	USCD	Status Code	I	P	E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	USCR	Status Change Reason	O		E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	USCT	Status Change Date	07/31/2025		E	BASE	1
242187382	07/31/2025 03:36 AM	RAIL 313460	0002	Equipment Group		MISC	R	BASE	1
242187382	07/31/2025 03:36 AM	RAIL 313460	A024	Axle Count		4	R	BASE	1

Umler Query - Transaction Log Results



Click on transaction ID to view full details:

- Shows the date and time of 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

Transaction Log Search Results

Search Criteria

Search Results

14 matches found. 14 available for display. 14 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
220241187	09/14/2023 09:07 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECA	Normal	RAIL
220241338	09/14/2023 09:10 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
220241425	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ABT	Normal	RAIL
220241426	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		IDD	Normal	RAIL
220241427	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
220241428	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	A&B
220241521	09/14/2023 09:12 AM	RAIL0000091403	GOND	G510	GB		RAIL		REF	Normal	RAIL
221475234	10/04/2023 01:22 PM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL

Transaction Details

Transaction ID :

220241338

Timestamp :

09/14/2023 9:10 AM

Equipment ID :

RAIL0000091403

Equipment Type Code :

G510

Type :

ECC

State :

Normal

Company :

RAIL

Trans Source :

WEB_USER_INTERFACE

Equipment Group :

GOND

Mechanical Designation :

GB

User :

TERRYCAU

Equipment Owner :

RAIL

Lessee :

EIN :

0010679090

Element ID	Element Name	Transaction Element Value	Previous Element Value	AC	Component ID	Component Location	Parent ID	Parent Location
B122	Last Update Date	09/14/2023	09/14/2023	E	BASE	1		
EINN	EIN (Equipment Identification Number)	0010679090		E	BASE	1		
USCD	Status Code	A	P	E	BASE	1		
USCR	Status Change Reason	O		E	BASE	1		
USCT	Status Change Date	09/14/2023		E	BASE	1		

← Previous

Done

Next →

Historical Lineage



- Enter Equipment ID 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

RAIL0000402002

OR EIN

Q Search

Clear

Historical Lineage Query Results

Search Criteria

Search Results

2 items found, displaying all items.

Clear Filters

EIN	Equipment ID	Prior Equipm...	Equip Group	ETC	MD	Built Date	Rebuilt Date	Effective Date	Status	Expiration Date	Most Recent	Conflict	Action
0010763405	RAIL402002		HOPP	C313	LO	04/01/1977		2025-06-26 08:47:41	Active	9999-12-31 00:00:00	Y		OTHER
0010763405	RAIL402002		HOPP	C313	LO	04/01/1977		2025-03-13 09:49:26	Pre-Registered	2025-06-26 08:47:41			Add Single Clone

Historical Lineage Query Results

Search Criteria

Search Results

Equipment ID

EIN

OR 0010763405

Q Search

Clear

Historical Lineage

EIN Conflict

- Two ‘Y’s in lineage = conflict.
- Only one car in a lineage may be active.
- Modify the car to resolve EIN conflict.

Historical Lineage Query Results

Search Criteria

Search Results

8 items found, displaying all items.

Clear Filters

EIN	Equipment ID	Prior Equip...	Equip Gr...	ETC	MD	Built D...	Rebuilt ...	Effective Date	Status	Expiration Date	Most Re...	Conflict	Action
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:42	Active	9999-12-31 00:00:00	Y	EIN	OTHER
0010651784	RAIL7095	RAIL5907	TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:28	Active	9999-12-31 00:00:00	Y	EIN	OTHER
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:28	Inactive	2023-08-16 10:31:42			OTHER
0010651784	RAIL7095	RAIL5907	TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:07	Pre-Registered	2023-08-16 10:31:28			Add Restenc...
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-06-07 16:13:05	Active	2023-08-16 10:31:28			OTHER
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-06-07 15:46:12	Pre-Registered	2023-06-07 16:13:05			OTHER
0010651784	RAIL5907		TANK	M300	MWGN	05/01/1977		2023-05-28 23:45:49	Pre-Registered	2023-06-07 15:46:12			OTHER
0010651784	RAIL5907		GOND	M300	MWGN	05/01/1977		2023-05-16 16:09:38	Pre-Registered	2023-05-28 23:45:49			Add Single

Display Unit

Search

Search Result

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

Modify Equipment

Cancel

Collapse All

Expand All

Equipment ID: RAIL0000005907 Equipment Group: TANK Stenciled Mark Owner: RAIL

Show database values: ☐ Flat View: ☐

[Equip PDF](#) [Equipment Health View](#)

[General](#) [Weight](#) [Dimension](#) [Specification](#) [Tank Car Components](#) [Cost](#) [Special Permit](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Components](#) [Brake System Components](#) [Miscellaneous](#) [Inspection](#) [Default Presentation Group](#)

General

Element Name	ID	Flag	Value	Conflict
Status Code	USCD		A - ACTIVE	

Equipment Identification

[EINN](#)

0010651784

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

General

Element Name	ID	Flag	Current Value	Del	New Value	Notice Value	Error
Status Code	USCD		A - ACTIVE		I - INACTIVE		

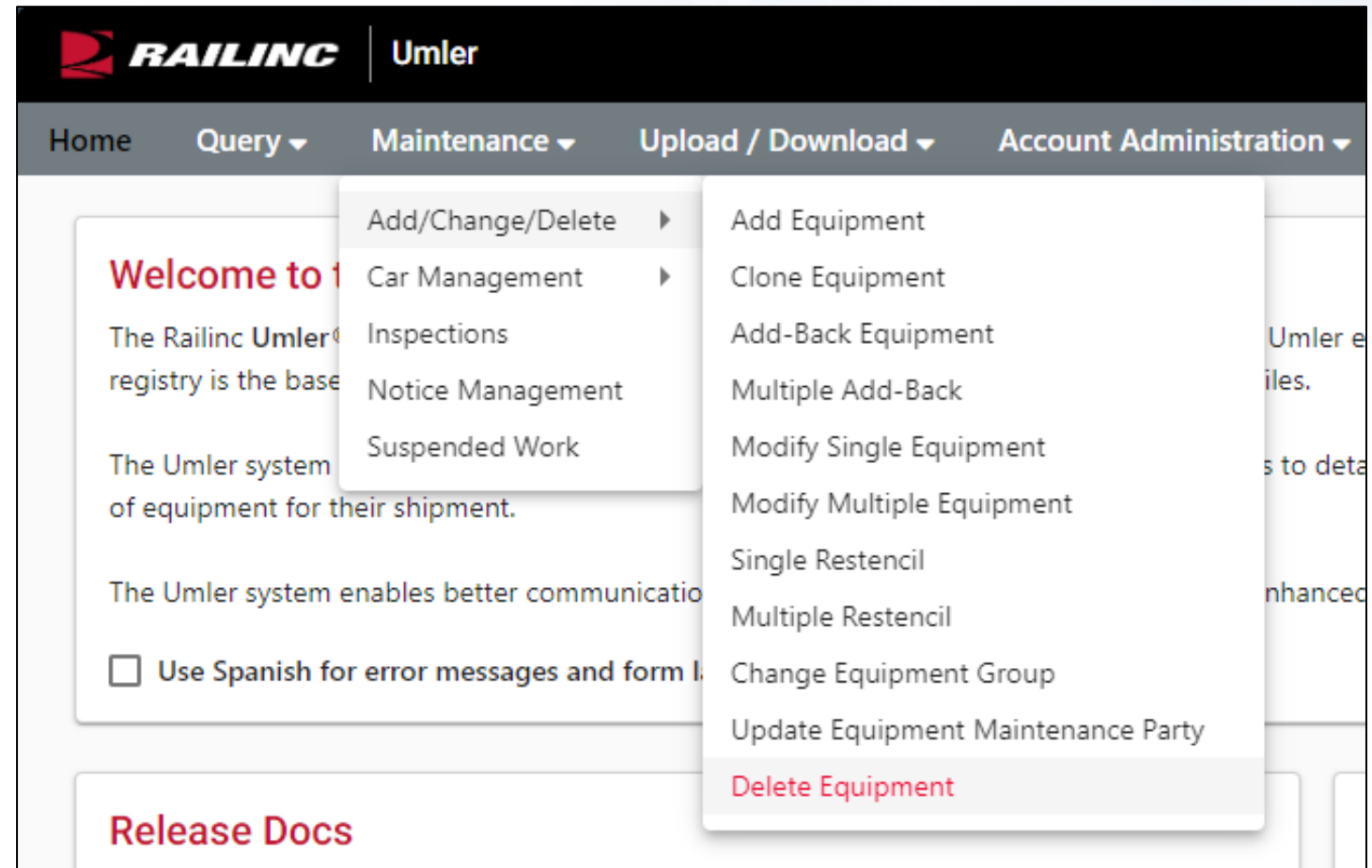
Questions?

Umler Maintenance Options



Maintenance tasks:

- Add Equipment
- Clone Equipment
- Add-Back Equipment
- Modify Equipment
- Restencil
- 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 Equipment Group from the drop-down menu.
 - For articulated equipment, enter the Connected Unit Count or leave the default as zero.
 - Click 'Validate'.
 - Click 'Submit'.

A screenshot of the 'Add Equipment' web form. At the top, the title 'Add Equipment' is in red. Below it is a note: 'Note: If this equipment unit has a prior ID, please go to the restencil function.' A green success message bar with a checkmark icon says 'Validation succeeded. Click the Submit button to go to the next screen.' The form has two main input sections. The first is 'Equipment ID(s) *' with the text 'RAIL0000000021' entered. The second section contains two fields: 'Equipment Group *' with a dropdown menu showing 'BOXC - BOX CAR', and 'Connected Unit Count *' with the value '0'. At the bottom right, there are four buttons: 'Validate' (blue), 'Submit' (blue and circled in red), 'Clear' (grey), and 'Cancel' (grey).

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) *

RAIL0000000021

Equipment Group *

BOXC - BOX CAR

Connected Unit Count *

0

Validate Submit Clear Cancel

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

Equipment ID(s) *
RAIL0000000021

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 Components](#) [Brake System Components](#) [Miscellaneous](#) [Inspection](#) [Default Presentation Group](#)

General

Element Name	ID	Flag	Value	Error
Status Code	USCD	●	P - PRE-REGISTERED	
Mechanical Designation	UMMD	●	MWM - MoW - Box cars	
Equipment Type Code	UMET			
Maint of Way Service Type	B403		T4 - Training Car	
Built Date	BLDT	●	03/21/1985	
Rebuilt / ILS Date	RBDT			
Owner	UMOW	●	RAIL	

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



- The 'Clone Equipment' function is used to add single and multiple pieces of equipment by cloning from an existing unit.
 - Minimal changes reduce the time required to build new fleets in Umler.
- Enter Source Equipment ID for cloning.
- Next, enter 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 *

RAIL0000000021

New Equipment ID(s) *

RAIL0000000091



 Validate

 Submit

 Clear

 Cancel

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

✓ Equipment Add transaction validation was successful

ValidateSubmitClearSuspendCancel

New Equipment ID(s) *
RAIL0000000091

Collapse AllExpand All

Source Equipment ID: RAIL 21Equipment Group: BOXC

[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](#)

General

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	USCD	●	P	🗑	P - PRE-REGISTERED	
Mechanical Designation	UMMD	● ▲	RBL	🗑	RBL - Box-Refrigerator (Bunkerless) with loading or sto...	
Equipment Type Code	UMET		R511		R511	
Maint of Way Service Type	B403			🗑		
Built Date	BLDT	● ■	03/21/1992	🗑	12/03/1992	
Rebuilt / ILS Date	RBDT			🗑		
Owner	UMOW	●	RAIL	🗑	RAIL	
Lessee	LESE			🗑		
Maintenance Party	MNPT		RAIL	🗑	RAIL	

Clone Equipment



- When all updates are 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

Clear

Suspend

Cancel

New Equipment ID(s) *
RAIL0000000091

Collapse All

Expand All

Source Equipment ID: RAIL 21 Equipment Group: BOXC

[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](#)

General

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	USCD	●	P		P - PRE-REGISTERED	
Mechanical Designation	UMMD	● ▲	RBL		RBL - Box-Refrigerator (Bunkerless) with loading or sto...	
Equipment Type Code	UMET		R511		R511	
Maint of Way Service Type	B403					
Built Date	BLDT	● ■	03/21/1992		12/03/1992	
Rebuilt / ILS Date	RBDT					
Owner	UMOW	●	RAIL		RAIL	
Lessee	LESE					
Maintenance Party	MNPT		RAIL		RAIL	

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 RAIL21 to ABCX.
 - Car owner will update 'Lessee field' (LESE).
 - Once complete, click 'Validate' to check for any errors.
 - Click 'Submit'.

Single Equipment Modify

Equipment ID *
RAIL21

☐ View Components By Element ☒ View Components By Location

[Modify](#) [Cancel](#)

Single Equipment Modify - Components By Location View

[Validate](#) [Submit](#) [Reset](#) [Clear](#) [Suspend](#) [Cancel](#) [SwitchView](#)

[Collapse All](#) [Expand All](#) Equipment ID: RAIL 21 Equipment Group: BOXC [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](#)

[General](#)

Element Name	ID	Flag	Current Value	Del	New Value	Notice Value	Error
Status Code	USCD	●	I - INACTIVE				
Mechanical Designation	UMMD	● ▲	RBL - Box-Refrigerator (Bunkerless) with loading or stowing device				
Equipment Type Code	UMET		R511				
Maint of Way Service Type	B403						
Built Date	BLDT	● ■	03/21/1992				
Rebuilt / ILS Date	RBDT						
Owner	UMOW	●	RAIL				
Lessee	LESE				ABCX		

Modify Single Equipment



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

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

Single Equipment Modify - Components By Location View

✓ Equipment Modify transaction validation was successful

[Validate](#) [Submit](#) [Reset](#) [Clear](#) [Suspend](#) [Cancel](#) [SwitchView](#)

[Collapse All](#) [Expand All](#) Equipment ID: RAIL 21 Equipment Group: BOXC [Equipment Health View](#)

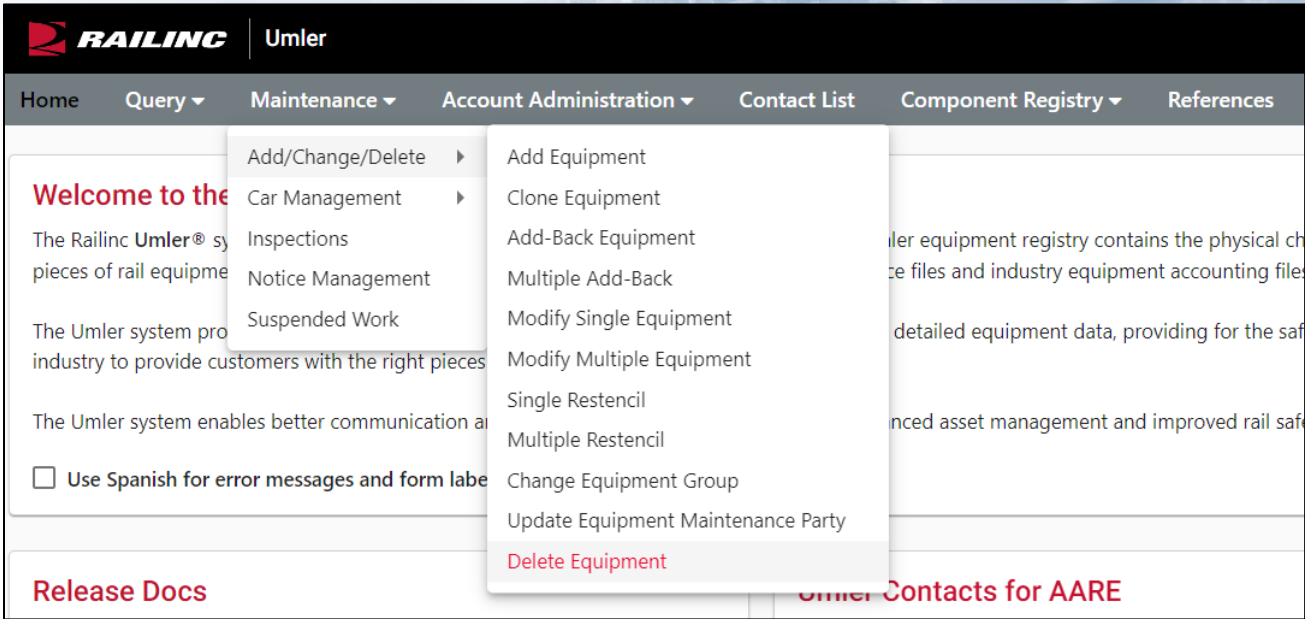
[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Components](#) [Brake System Components](#) [Miscellaneous](#) [Inspection](#) [Default Presentation Group](#)

General

Element Name	ID	Flag	Current Value	Del	New Value	Notice Value	Error
Status Code	USCD	●	I - INACTIVE				
Mechanical Designation	UMMD	●	RBL - Box-Refrigerator (Bunkerless) with loading or stowing device				
Equipment Type Code	UMET		RS11				
Maint of Way Service Type	B403						
Built Date	BLDT	●	03/21/1992				
Rebuilt / ILS Date	RBDT						
Owner	UMOW	●	RAIL				
Lessee	LESE				ABCX		

Delete Equipment

- The ‘Delete Equipment’ function allows a user to deactivate an Umler record, sending the record to archive.
 - Enter Equipment ID(s).
 - 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.

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

Equipment ID(s) *

RAIL0000000021

✔ Validate

✔ Submit

✕ Cancel

✔ 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.
- Click '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.

☐	Delete Reason	Equipment ID	Pool Number	Status	Lessee	Umler Owner
☒	Sold Serviceable Over age retired for dismantling Error, reporting did not exist Other	RAIL 21	0000000	I		RAIL

☒ **Confirmation**

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

Delete Equipment

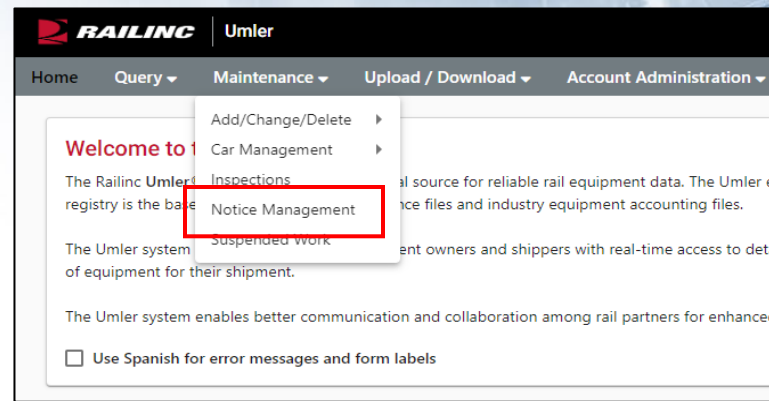


- A summary screen is displayed to confirm the results.
- The equipment was successfully deleted.
- If the delete fails, go to 'Notice Management' to identify the error and/or.
- Contact our CSC for assistance.

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

Notice Management

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

A screenshot of the 'Search Notices' form in the RAILINC Umler application. The form is titled 'Search Notices' and includes a search bar with a 'Search' button, a 'Count' button, a 'Reset' button, and a 'Clear' button. Below the search bar, there is a section for 'Results will include notices matching ALL of the following criteria.' This section contains several input fields: 'Starting Date/Time' (09/09/2024, 12:01 AM), 'Ending Date/Time' (09/10/2024, 11:59 PM), 'Search All Dates' (checkbox), 'Equipment ID(s)', 'Company-Specific Equipment Group(s)', 'Notice Type' (dropdown menu), 'Notice Level' (dropdown menu, highlighted with a red circle), 'Notice Status' (dropdown menu), 'Notice Group' (dropdown menu), 'Event/Response Code(s)', 'Equipment Type Code(s)', 'Equipment Group(s)' (dropdown menu), 'Pool ID(s)', 'Mechanical Designation(s)', 'Notice ID(s)', and 'User ID(s)'. The 'Notice Level' dropdown is currently set to 'Error'.

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

18594 matches found. 1000 available for display. 1000 matches displayed on this page.

Delete Selected

Historical Lineage

Modify Equipment

Restore Selected

Apply

Clear Filters

☐	ID	Creation Time...	Equipment ID	EG	ETC	MD	Group ID	Pool ID	Stencil	Event Code	Level	Element ID	Element
☐	72935252	03/01/2026 12:03 AM	WRWK 120743	IFLT	5635	FCA			PW	ECC0000001	Error	A184	
☐	72935257	03/01/2026 12:03 AM	WRWK 120756	IFLT	5635	FCA			PW	ECC0000001	Error	A184	
☐	72935262	03/01/2026 12:03 AM	WRWK 120740	IFLT	5635	FCA			PW	ECC0000001	Error	A184	
☐	72935267	03/01/2026 12:03 AM	WRWK 120753	IFLT	5635	FCA			PW	ECC0000001	Error	A184	
☐	72937042	03/01/2026 09:30 AM	BCOL 90530	GOND	M300	MWGN			CN	ECC0000001	Error	TCME	Y
☐	72937045	03/01/2026 09:30 AM	BCOL 90586	GOND	E707	GTS			CN	ECC0000001	Error	TCME	Y
☐	72937048	03/01/2026 09:30 AM	BCOL 90631	GOND	E707	GTS			CN	ECC0000001	Error	TCME	Y
☐	72937051	03/01/2026 09:30 AM	BCOL 90693	GOND	M300	MWGN			CN	ECC0000001	Error	TCME	Y

Notice Details

Notice ID: 73393419

Date/Time: 04/09/2026 04:16 PM

Equipment ID: RAIL 3001

Equipment Group: BOXC

Mechanical Designation: XL

Event Code: ECC0000001

Stenciled Mark Owner: RAIL

Maintenance Party Mark(s): RAIL

Type: ECC

Level: Warning

Status: Active

Equipment Type Code: A432

Pool ID:

User: BSAXB06

Lessee:

General

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001		RAIL0000003001	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 - Informational Notice



Notice Details

← Previous

→ Next

Notice ID: 64795178

Date/Time: 06/21/2024 10:43 AM

Equipment ID: RAIL 2281

Equipment Group: VFLT

Mechanical Designation: FA

Event Code: 340

Stenciled Mark Owner: RAIL

Maintenance Party Mark(s): RAIL

Type: TIC

Level: Information

Status: Active

Equipment Type Code: V295

Pool ID:

User:

Lessee:

Notice Messages

A Conflict notice was created for the equipment RAIL 2281. Element: B159, value: RAIL, Component: BASE, Location: 1 Response codes/Descriptions: 0000101133-Vehicular Flat cars without Integrated Superstructures must report a Superstructure Owner

Delete

Done

Notice Management - Warning Notice



Notice Details

[← Previous](#) [→ Next](#)

Notice ID:	64830804	Type:	ECC
Date/Time:	06/24/2024 05:48 PM	Level:	Warning
Equipment ID:	RAIL 615	Status:	Active
Equipment Group:	BOXC	Equipment Type Code:	RS11
Mechanical Designation:	RBL	Pool ID:	
Event Code:	ECC0000001	User:	
Stenciled Mark Owner:	RAIL	Lessee:	
Maintenance Party Mark(s):	RAIL		

[General](#)

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001		RAIL0000000615	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

Previous Next

Notice ID:64830735Type:ECA

Date/Time:06/24/2024 05:44 PMLevel>Error

Equipment ID:RAIL 12103Status:Active

Equipment Group:FLATEquipment Type Code:F206

Mechanical Designation:FMPool ID:

Event Code:ECA0000001User:

Stenciled Mark Owner:RAILLessee:

Maintenance Party Mark(s):TTX

General

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001		RAIL0000012103	

Feature

Element Name	ID	Flag	Value	Conflict
Stake Pockets Location	B190			All Flat Cars built after January 1, 2002 with Mechanical Designation (UMMD) of FM with 4 axles must report Stake Pocket Locations of S or B. (Per Field Manual Rule 88, A, 15, b, (2))

Continue Modify Equipment Delete Done

Umler Maintenance Shortcuts

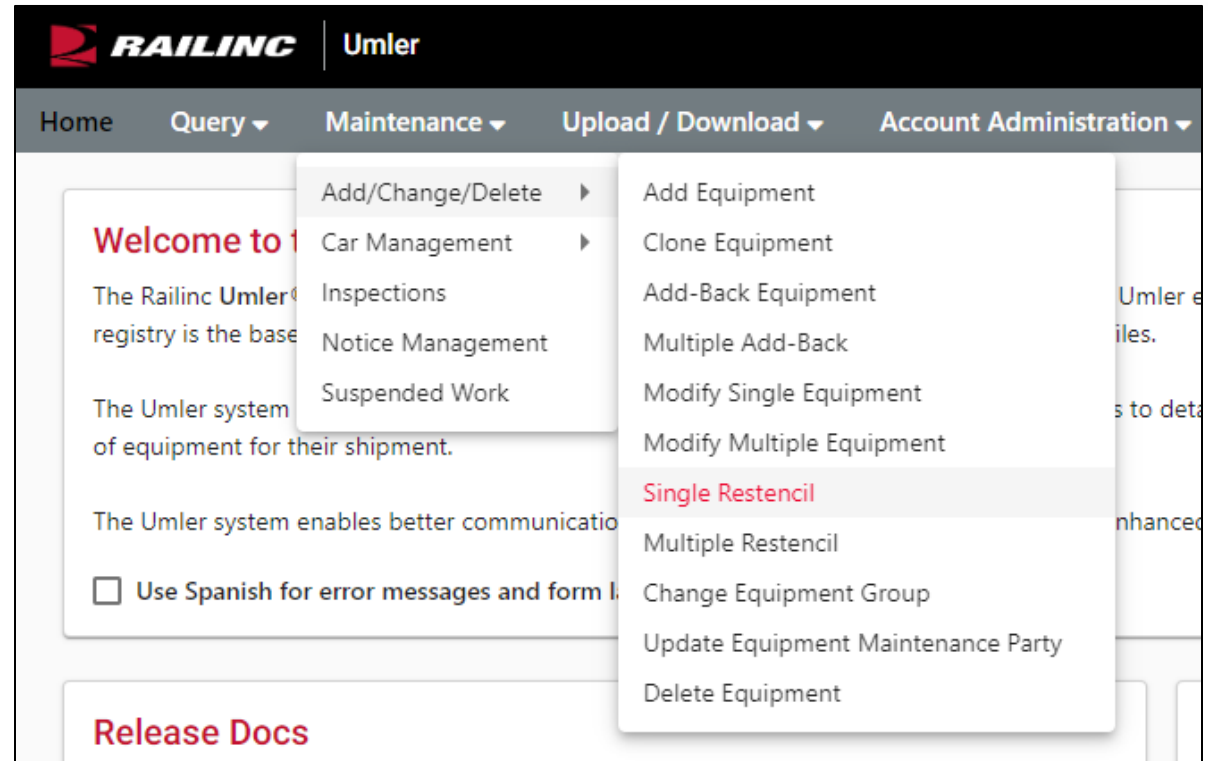


- **Clone Equipment** – The value of cloning equipment is that the user is starting with a base set of elemental data, from an existing source equipment ID, versus adding the new fleet equipment ID(s) from scratch.
- **Multiple Add-Back** – The ‘Multiple Equipment Add-Back’ function is used to reactivate 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 restenciling 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'.



Restencil - Add View Confidential Data Rights



- When a car needs to be restenciled, the selling entity's Company Admin 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.
- Original Cost.
- Additions & Betterments.
- Built Date and Rebuilt Date.

A screenshot of the RAILINC Umler web application. The top navigation bar includes the RAILINC logo, the word 'Umler', and a menu with 'Home', 'Query', 'Maintenance', 'Upload / Download', and 'Account Administration'. A 'Security Management' button is visible on the right. The main content area has a heading 'Welcome to the Umler® System' followed by three paragraphs of text. Below this is a checkbox labeled 'Use Spanish for error messages and form labels'. A red rectangular box highlights the section 'Administer Access Rights Involving Other Companies'. Under this box are three blue hyperlinks: 'Manage Inter-Company Access Rights / Profiles Granted by My Company', 'Manage Inter-Company Access Rights Granted to My Company', and 'Manage Inter-Company Profiles Granted to My Company'.

Restencil – Add View Confidential Data Rights

Example Scenario:

Car number AARX 8885 was sold to RAIL. RAIL needs access to perform the restencil.

- **AARX 8885 to RAIL 8885**
- Seller (AARX) goes to 'Administer Access Rights Involving Other Companies' and selects 'Manage Inter-Company Access Rights/ Profiles Granted By My Company'.
- Seller selects the company mark (RAIL) they wish to grant rights to or selects 'Add a Company'.
- Select 'Grant Access Rights'.

Inter-Company Access Rights Granted by My Company

Select the company whose access rights you want to edit.

Clear Filters

Select	Company	Company Name
☒	RAIL	RAILINC CORPORATION
☐	AARE	RAILINC Umier Test Company

☐ Add a company...

+ Grant Access Rights + Grant Profiles Done

Restencil – Add View Confidential Data Rights

- Then select 'Add View Confidential Data Right'.

Update Access Rights

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

Clear Filters

Select	ID	Effective Date	Expiration Date	Type	Description	Status
You have granted no access rights to this company.						

+ Add Pool Right

+ Add Equipment Right

+ Add Inspection Right

+ Add View Confidential Data Right

Done

Restencil – Add View Confidential Data Rights

- Next, enter the required fields:
 - Step 1 - Add a brief description.
 - “Sold AARX 8885 to RAIL”
 - Step 2 - Add ‘Effective Date’ as the current date.
 - Step 3 - Modify ‘Expiration Date’ or leave as default of 12/31/9999.
 - Step 4 - Enter ‘Range of Equipment’ or specify individual Equipment IDs by unchecking ‘All Equipment’ and adding car number to box.
 - Click ‘Save’.

View Confidential Data Access Right

Currently editing access rights for: [AARE](#)
Edit the details of the access right.

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

Description of Access Right

Description *
Sold AARX 8885 to RAIL

LOA Number

Timeframe of Authority

Effective Date * 04/10/2026

Expiration Date * 12/31/9999

Range of Equipment

☐ All Equipment:

SCAC(s): AARX

Initial(s): AARX

Equipment Group(s):
BOXC
CHSS
CONT
EOTD

Equipment: AARX8885

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

Restencil – Add View Confidential Data Rights

- Confirmation rights have been granted successfully.
- Rights will be in pending status until accepted.
- Additional options to add or revoke other rights are displayed.
- Click ‘Done’ when finished.

Update Access Rights

View Confidential Data Right added successfully.

Currently editing access rights for: RAIL

Clear Filters

Select	ID	Effective Date	Expiration Date	Type	Description	Status
☒	1110395	04/10/2026	12/31/9999	View Confidential Data	Sold AARX 8885 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 (AARX) based on the effective date and then clicks ‘View’.

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](#)

Inter-Company Access Rights Granted to My Company

View

Done

Clear Filters

Select	ID	Grantor	Effective Date	Expiration Date	Type	Description	Status
☒	1110395	AARX	04/10/2026	12/31/9999	View Confidential Data	Sold AARX 8885 to RAIL	Pending

View

Done

Delete

Restencil – Accept Rights Granted To My Company

- A summary of the Rights that were granted is displayed.
- Check the box to Accept per Rule 88-C Process.
- Download the CSV file to view the car details.

View Confidential Data Access Right

Details

Status:

Company:

Description:

LOA Number:

Pending

AARX

Sold AARX 8885 to RAIL

Timeframe of Authority

Effective Date:

04/10/2026

Expiration Date:

12/31/9999

Range of Equipment

Equipment Type(s):

Equipment:

AARX0000008885

Download CSV

AcceptDeclineDone

Please make a selection below:

☐ Lease Agreement

☒ Sold

☒ By checking this box and accepting confidential data rights, the accepting party confirms that equipment meets the requirements of AAR Office Manual Rule 88.C.1.b. Specifically, the accepting party confirms that the units do not have any basic structural weakness or damage that would cause an unsafe operating condition or that any such weakness or damage has been repaired by an MSRP M-1003 certified car repair facility and currently meet all applicable interchange requirements. Additionally, if the transaction includes Tank Car equipment, the accepting party confirms that they have received copies of the Certificate of Construction (AAR Form 4-2) and Exhibit R-1 forms (see MSRP Section C-III) along with drawings of General Arrangement, Tank Arrangement, and Fittings Arrangement(s).

☒ By checking this box and accepting confidential data rights, the accepting party confirms that equipment meets the requirements of AAR Office Manual Rule 88.C.1.b. Specifically, the accepting party confirms that the units do not have any basic structural weakness or damage that would cause an unsafe operating condition or that any such weakness or damage has been repaired by an MSRP M-1003 certified car repair facility and currently meet all applicable interchange requirements. Additionally, if the transaction includes Tank Car equipment, the accepting party confirms that they have received copies of the Certificate of Construction (AAR Form 4-2) and Exhibit R-1 forms (see MSRP Section C-III) along with drawings of General Arrangement, Tank Arrangement, and Fittings Arrangement(s).

	A	B	C	D	E	F
1	Equipment Id	Prior Equipment ID	Built Date	Rebuilt Date	Mechanical Designation	Original Certificate of Construction
2	AARX0000008885	AARX0000008880	20161001		GB	
3						
4						
5						

Restencil – Assign Access Rights to User ID



- Confirmation that the Rights were accepted successfully.
- Click 'Assign to User'.

View Confidential Data Access Right

✓ Inter-company access right accepted successfully. ✕

Details

Status:

Company:

Description:

LOA Number:

Accepted

AARX

Sold AARX 8885 to RAIL

Timeframe of Authority

Effective Date:

04/10/2026

Expiration Date:

12/31/9999

Range of Equipment

Equipment Types(s):

Equipment:

AARX0000008885

Assign to User

Assign to Profile

Relinquish

Done

Restencil – Accept Rights Granted To My Company

- Locate the User ID that is accepting the Confidential Data Rights.
- Click the radio button next to the User ID.
- Click 'Select'.

Intra-Company Users List

Select the user to update.

[Clear Filters](#)

Select	User ID	Name
☐	BSAXL02	Lube Anna

Restencil – Accept Rights Granted to My Company

- The 'View Confidential Data Access Rights' 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: BSAXL02
Edit the details of the access right.

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

Description of Access Right

Access Right ID (Assigned from inter-company)
1110396

Description *
Sold AARX 8885 to RAIL

LOA Number

Timeframe of Authority

Effective Date * 04/10/2026 Expiration Date * 12/31/9999

Range of Equipment

☐ All Equipment:

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

☐ AARX0000000885

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

Restencil – Accept Rights Granted To My Company



- Confirmation that the rights were assigned successfully.
- Click 'Done'.

View Confidential Data Access Right

✓ Inter-company access right assigned successfully. ✕

Details

Status:

Company:

Description:

LOA Number:

Accepted

AARX

Sold AARX 8885 to RAIL

Timeframe of Authority

Effective Date:

04/10/2026

Expiration Date:

12/31/9999

Range of Equipment

Equipment Types(s):

Equipment:

AARX0000008885

Assign to User

Assign to Profile

Relinquish

Done

Single Restencil



- Enter 'Source Equipment ID'.
- Enter '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 *
AARX000008885

Target Equipment ID *
RAIL000008885

Source and target have identical equipment groups: ☒ Yes ☐ No

☒ Validate ☒ Submit

Single Restencil Validation



- Ensure all mandatory fields are populated:
 - The 'Owner' field, which is mandatory, requires a new value.
 - Note, AARX 8885 appears as the prior ID.
 - Click 'Validate' to check for any errors.
 - Click 'Submit'.

Restencil Equipment

✓ Equipment Add transaction validation was successful

[Validate](#) [Submit](#) [Clear](#) [Suspend](#) [Cancel](#)

Target Equipment ID *
RAIL0000008885

[Collapse All](#) [Expand All](#) Prior Equipment ID: AARX0000008885 Equipment Group: GOND

[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](#)

[General](#)

Element Name	ID	Flag	Source	Del	Value	Error
Status Code	USCD	●	P	🗑️	P - PRE-REGISTERED	
Mechanical Designation	UMMD	● ▲	GB	🗑️	GB - Gondola-Flat Bottom	
Equipment Type Code	UMET		G510		G510	
Maint of Way Service Type	B403			🗑️		
Built Date	BLDT	● 🟡	10/01/2016	🗑️	10/01/2016	
Rebuilt / ILS Date	RBDT			🗑️		
Owner	UMOW	●	AARX	🗑️	RAIL	

Single Restencil Completed



- Success page is displayed.
- Inspections carried forward to the new Equipment ID.
- Status of Prior ID was not changed.
- Click 'Done'.

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

Restencil/Transfer Equipment



1. Complete Restencil Equipment Request and submit to CSC@Railinc.com.
 - The form is available on Railinc.com on the Umler product page.
 2. One or more of the following forms of approval is required:
 - Signed bill of sale (legal document) including the list of unit(s) on an Excel spreadsheet.
 - Email from the prior mark owner, new mark owner and/or car owner indicating Railinc can proceed with restencil.
- *Please refer to Railinc Price List for any applicable fees.*

Old Cars (From)	New Cars (To)
Mark: _____	Mark: _____
	Bill to: _____
	Company: _____
	Contact: _____
	Address: _____
	City, State: _____
	Zip Code/Country: _____
	Telephone: _____
	Email: _____

Total # of units: _____

Owner Field: _____

Lessee Field: _____

Are units in the spreadsheet for the same equipment 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

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 are 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 four conflict management links on the top right side of page:
 - Equipment Units in Conflict
 - Equipment with Component ID Conflicts
 - Download Equipment In Conflict
 - Equipment Validation Requests
- Conflicts not addressed may result in cars being restricted at interchange.

Equipment

Single Equipment Search

Q Search

Equipment units in conflict: 451

Download Equipment in Conflict

Equipment with component ID conflicts: 9

Equipment Validation Requests: 10

Equipment Units in Conflict



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

Equipment units in conflict: 451

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.
451 matches found. 451 available for display. 451 matches displayed on this page.

AFMC Inspection

☐	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner
☐	AARX 317 	0000000	BOXC	A403	XP	AARX
☐	AARX 318 	0000000	BOXC	A403	XP	AARX
☐	AARX 5555 	0000000	GOND	G510	GB	AARX
☐	AARX 6560 	0000000	BOXC	A403	XP	AARX
☐	AARX 6563 	0000000	BOXC	A403	XP	AARX
☐	AARX 6565 	0000000	BOXC	A403	XP	AARX
☐	AARX 6657 	0000000	TANK	T054	T	AARX
☐	AARX 8881 	0000000	GOND	G510	GB	AARX
☐	AARX 8882 	0000000	GOND	G510	GB	AARX

Equipment Units in Conflict



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

Display Unit

Search Search Result

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

☒ Collapse All ☒ Expand All Equipment ID: RAIL0000006269 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 System Components](#) [Miscellaneous](#) [Inspection](#) [Default Presentation Group](#)

Rebuilt Country	B170			
FRA Reflectorization	B096			Reflectorization is mandatory for all equipment after November 28, 2015
Refrig Emission Code	B345			
Air Hose Arrangement	B524			
4-Pressure ABT Recvr Eqpd	B539			

Download Equipment in Conflict



- Click the link from the Umler home page and the file will begin to download.
- Monthly emails will be sent to the Umler contact in FindUs.Rail.
- Please make sure your Umler FindUs.Rail contact is updated to receive this report.

Equipment

Single Equipment Search

Q Search

Equipment units in conflict: 451

Download Equipment in Conflict

Equipment with component ID conflicts: 9

Equipment Validation Requests: 10

	A	B	C	D	E	F	G	H	I	J
1	Equipment Id	Status Code	Mechanical Designation	Date of Original Conflict Status	Element Name	Element ID	Element Value	Component Type	Component ID	Component Location
2	AARX000000003 I		XP	20230725	Tare Weight	A259	76500	E	BASE	1
3	AARX000000003 I		XP	20230725	Load Limit	LDLT	209500	E	BASE	1
4	AARX000000003 I		XP	20230725	Gross Rail Load/	A266	286000	E	BASE	1
5	AARX000000003 I		XP	20230725	Journal Size	A147	F	E	TRUCK	A
6	AARX000000003 I		XP	20230725	Journal Size	A147	F	E	TRUCK	B
7	AARX000000003 I		XP	20230725	Weighing Status	A289	E	E	BASE	1

Equipment with Component ID Conflicts



- Click ‘Equipment units in conflict’.
- Click the Equipment ID to open record.
- Click ‘Equipment is in conflict, click to view’.

Equipment

Single Equipment Search Search

Equipment units in conflict: 451

[Download Equipment in Conflict](#)

Equipment with component ID conflicts: 9

[Equipment Validation Requests: 10](#)

Display Unit

Search

Search Result

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

Collapse All

Expand All

Equipment ID: RAIL0000000928

Equipment Group: GOND

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 System Components](#) [Miscellaneous](#) [Inspection](#) [Default Presentation Group](#)

Element Name	ID	Flag	Value	Conflict
Emergency Brake Valve CID	B354		RAIL0000000500	Component ID is associated to more than one Location on the car.
Emergency Valve COTS Date	B567		0615	
Emerg Valve OEM Warr Date	B568			
Emerg Valve Part Number	B569		12	

Component ID	Name	Location	Error
EMERVALVE	Emergency Brake Valve	LOCATION 2	

Element Name	ID	Flag	Value	Conflict
Emergency Brake Valve CID	B354		RAIL0000000500	Component ID is associated to more than one Location on the car.
Emergency Valve COTS Date	B567			
Emerg Valve OEM Warr Date	B568			
Emerg Valve Part Number	B569			

Modify Equipment

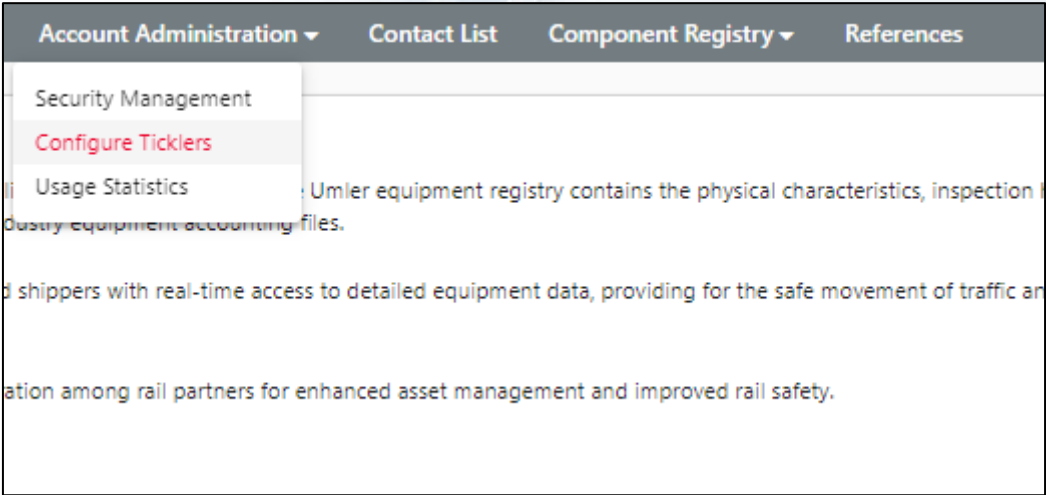
Cancel

Help

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.



Configure Ticklers

Specify the e-mail address to receive notifications of the following events: (Use commas to separate multiple e-mail addresses.)

☐	190	A bulk upload by your company completes processing. (The notice contains the processing results for the uploaded transactions.)	
☒	200	Another company grants an inter-company access right to your company.	anna.lube@railinc.com
☒	210	Another company revokes an inter-company access right from your company.	anna.lube@railinc.com
☐	220	Another company accepts an inter-company access right granted by your company.	
☐	230	Another company declines an inter-company access right granted by your company.	

Alternative Umler Maintenance Options



- Bulk Upload
 - Bulk upload transactions file specifications.

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 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.

Choose File

No file chosen

[Retrieve csv format templates](#)

Upload

Cancel

- 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 1st 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.
- Equipment that has been sold/restenciled should be deleted from Umler if no longer needed.
- 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 car counts registered in Umler under the mark listed 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.

RAILINC | Umler

RAILTEST : RAIL Launch Pad ▼ Sign Out

Home Query ▼ Maintenance ▼ Upload / Download ▼ Account Administration ▼ Contact List Component Registry ▼ 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.

☐ Use Spanish for error messages and form labels

Release Docs

- [Umler User Guide](#)
- [Umler Data Specification Manual](#)
- [Umler Change Request Form](#)
- [Component Registry User Guide](#)
- [Component Registry Data Specification Manual](#)
- [Advanced Query User Guide](#)

Umler Contacts for RAIL

External users are provided the following contacts when searching for RAIL Umler File Maintainers in Findus.Rail:

csc@railinc.com
Renga

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

[Arub Abubakar](#)
Administrator

To search for contacts at other companies [click here](#)

Equipment

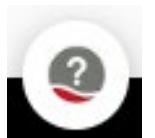
Single Equipment Search [Search](#)

[Equipment units in conflict: 715](#)
[Download Equipment in Conflict](#)
[Equipment with component ID conflicts: 9](#)
[Equipment Validation Requests: 6](#)

Access Additional Umler Resources



A screenshot of the RAILINC Umler system interface. The top navigation bar includes the RAILINC logo, the word 'Umler', and user information 'BSAXL02 : RAIL Launch Pad Sign Out'. Below this is a secondary navigation bar with links: Home, Query, Maintenance, Upload / Download, Railinc Admin Functions, Account Administration, Contact List, Component Registry, and References. The main content area is divided into several sections. On the left, a 'Welcome to the Umler® System' section provides an overview of the system's mission-critical role in providing reliable rail equipment data. Below this, a 'Railinc Support' chatbot window is open, displaying a conversation where the bot offers assistance and links to various manuals. To the right of the chatbot, there are three main resource sections: 'Umler Contacts for RAIL' which lists external user contacts and company administrators; 'Equipment' which includes links for single equipment search, equipment units in conflict, and equipment validation requests; and a 'Help' sidebar on the far right which contains a search bar and a list of links to various user guides and manuals. The bottom of the interface features a footer with legal notices, privacy rights, contact us, and terms of use, along with a 'Powered by uChatfix' logo.



Access Additional Umler Resources

Go to www.railinc.com



The screenshot shows a web browser window with the address bar displaying 'public.railinc.com/products-services/umler-system'. The page has a blue header with the RAILINC logo and navigation links: 'Products & Services', 'Resources', 'Support', 'About Railinc', 'Careers', and 'Contact Us'. A 'CUSTOMER LOGIN' button is also present. The main content area is titled 'The Umler® System' and includes a brief description of the system as a source of critical data for North American rail, steamship, and highway equipment. It lists various enhanced functions such as 'Umler Change Request Form', 'Component Registry', 'Conflict Management', 'Equipment Cloning', 'Equipment Lineage', 'Equipment Status', 'Locomotive Inspection and Repair Report', 'Notice Management and Ticklers', 'Query Data', 'Restencil Support', 'System-Generated Elements', and 'Statistics and Analysis Services'. A 'Chat' button is located in the bottom left corner. On the right side, there is a 'Related Support Documents' section listing various user guides and manuals.

Home > Products & Services > The Umler® System

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.
- **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 Advanced Query.
- **Restencil Support:** Create a new equipment record from a prior equipment registration. Support is provided for single or multiple restencil to enable change of ownership for entire fleets. If desired, users can request that Railinc perform restencil services by completing the [Umler Restencil-Request to Transfer Equipment Form](#).
- **System-Generated Elements:** Delivers information to users, such as automatically-generated Equipment Type Codes and End-of-Service Dates
- **Statistics and Analysis Services:** Offers data analysis services to equipment owners who may contact the Railinc Customer Success Center with service requests.

Umler® is a registered trademark of Railinc Corp.

Related Support Documents

- Umler User Guide
- Umler Data Specifications Manual
- Umler Web Services User Guide
- Umler FAQs
- Railinc SSO Admin User Guide
- Umler TRAIN Messaging Specifications
- TRAIN II User Guide
- Locomotive Inspection and Repair Report
- Umler Restencil Request to Transfer Equipment Form
- Umler CSV Upload Specifications
- Umler Components Diagram
- Access SSO, Railinc and TransmetriQ Applications Quick Guide
- Umler Managing Access Rights Quick Guide
- Umler Transferring Ownership 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 Demos



The Umler® System | Railinc

public.railinc.com/products-services/umler-system

Umler Demos

Railinc has developed specific task-related demos to help you learn the core functions of the Umler system. Each demo takes approximately three to five minutes to view. Turn on/up your speakers to hear the demos. For additional assistance with these tasks, consult the Umler Quick Guides and the [Umler User Guide](#).

Closed captions are available in languages like Spanish and French through YouTube:

- Select the CC icon at the bottom of task videos
- Select the Settings wheel > Subtitles > Auto-Translate and select a language
- Play the video from the beginning

Umler® Introduction

Umler® Introduction

Umler® Access Overview

Umler® Security Overview

Umler® Data Quality Overview

Umler® Features Overview

Umler® Inspections Overview

Umler® Components Overview

Umler® Training Resources

Guide

- [Umler Nullifying Inspections Quick Guide](#)
- [Umler Deleting Equipment Quick Guide](#)
- [Umler Semi-Annual Billing Quick Guide](#)

Related Products & Resources

- [Component Tracking](#)

Related Blog Posts

- [Revenue-Earning Fleet Ends 2023 On a Positive Note](#)
January 29, 2024
- [Box Cars, EOTs & Locomotives Lead Q2 Umler Index Gains](#)
July 26, 2022
- [Optimized Umler® Railcar Data Integration Supports More Efficient Interline Service](#)
February 22, 2023
- [Misc., Gondolas & Intermodal Lead Q3 Umler Index Gains](#)
October 25, 2022
- [Revenue-Earning Fleet Continues Slight Growth in Q2](#)
July 26, 2023
- [Hoppers See Another Drop in Q4 Umler Index](#)
January 25, 2023

Need more information about The Umler® System?

[Contact Us](#)

Or call 1-877-RAILINC

Chat

What's Coming Up for Umler



- Umler Q1 Release – March 19th
- Umler Company Administrator Focused Webinar – May 12th and 14th
- Umler Q2 Release – June 11th
- Umler Value Expansion Project Release Phase II – 2026

Railinc Customer Success Center

csc@railinc.com

877-724-5462



Railinc Keeps You Moving.

Anna Lube

Phone: 1-877-RAILINC

Email: csc@railinc.com



@Railinc



/railinc



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