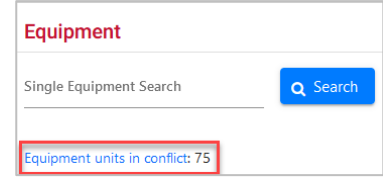


This Quick Guide shows an example of resolving equipment conflicts in Umler.

Railinc’s Umler system provides a way for users to review pieces of equipment that are in conflict and correct them so that equipment information is valid and conforms to all business rules. Users must have “Umler Access for Query” and “Umler Access for Maintenance” permissions as well as Equipment Rights in Umler. See Additional Resources below.

Use this procedure to find and resolve conflicts for a piece of equipment:

1. Sign in to Launch Pad and navigate to **Umler**.
2. On the Home page, click the **Equipment units in conflict** link located on the right below the Single Equipment Search.
3. On the Equipment Query Results page, select an **Equipment ID** link to open the Display Unit page.
4. If the conflict is not immediately visible, select the **Equipment is in conflict, click to view** link, displayed at the top left of the page. The display will direct you to the first conflict in the equipment record.



Dimension					
Element Name	ID	Flag	Value	Conflict	
Plate Code	A046		K - Plate Code K		
Outside Length	OSLG		145 Ft 4 In	Outside Length (OSLG) of VFLT where Connected Unit Count (A020) is 2, must contain values between 172 feet 4 inches and 189 feet 4 inches	
Inside Length	A135		140 Ft 5 In	Related Error: Outside Length (OSLG) of VFLT where Connected Unit Count (A020) is 2, must contain values between 172 feet 4 inches and 189 feet 4 inches	

5. To resolve conflicts, select **Modify Equipment**, located at the top and bottom of the page. The Single Equipment Modify page opens to the first conflict in the equipment record.
6. Correct the invalid data value(s) and then select **Validate**.

Tips for investigating conflicts:

- The error message in the Conflict column explains why the equipment is in conflict.
- If a conflict references an Element ID or Element Name, use your browser's Find function to locate the element.
- **Related Error:** conflicts are not the root cause of the conflict. Find the Element ID or Element Name referenced by the Related Error and correct the value.
- Select an **Element ID** link to open its Data Specification information for an explanation of all validation rules that impact it. Links A020 and OSLG appear in the images below for the Conflict Example.

A Conflict Example: The red error message in step 4 references the **Outside Length** and **Connect Unit Count** elements.

- a. Use your browser’s find function to search for “OSLG” and “A020.”
- b. Verify whether the Connected Unit Count is correct or not. Alternately, check the Outside Length.

Connected Unit Count	A020		2		
Intermediate Conn Style	B115		A - Articulated Connector		

Outside Length	OSLG		145 Ft 4 In			Conflict	Outside Length (OSLG) of VFLT where Connected Unit Count (A020) is 2, must contain values between 172 feet 4 inches and 189 feet 4 inches
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- c. Correct value(s) as necessary to resolve the conflict. Then select **Validate**.
7. When you receive a green **Validation Succeeded** message like the one below, click **Submit**.



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

Additional Resources

The following additional resources are available:

- Consult the [Umler Data Specification Manual](#) for information data field definitions and business rules.
- Consult the [Single Sign On \(SSO\) Administrator Guide](#) for information on how company administrators manage user's permissions in SSO.
- Consult the [Umler Managing Access Rights Quick Guide](#) for information on how company administrators manage user's access rights.
- View the [Umler Reference Material page](#) to access other essential resources for using the Umler system.

Contact the Railinc Customer Success Center at 1-877-RAILINC (1-877-724-5462) or csc@railinc.com if you need assistance.