

Release Notes for June 26, 2025 Umler System Release

The Umler system release scheduled for Thursday, June 26, 2025, includes functional enhancements to Umler which includes docket implementation work as directed by the Umler Committee to implement new elements, element changes/updates, as well as modifications to permissible values and business rules within the application.

Below are the complete details of this release.

Element Updates (New Elements/Element Changes & Removals)

- Intermediate Conn Style (B115)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Element for TANK

- Connected Unit Count (A020)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Element for TANK

- EPA Tier Level Emission Type (B326)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Removed Element for LOCO

- LRB Lease Contact (B329)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Removed Element for LOCO

- LRB Contract Contact (B330)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Removed Element for LOCO

Permissible Value/Range Updates - Updates/Removals/New Values

- Equipment Builder (A035)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Remove Permissible Values:
 - GUNM - Gunderson - Mexico
 - RICH - Richmond Locomotive Works
 - TT - TEXANA TANK
 - UNKN - Unknown
 - VERM- Vertex

- Operating Brakes (A182)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Remove Permissible Values:
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9

- Bottom Outlet/Fitting Type (A308)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Remove Permissible Values:
 - E
 - G
 - X

- Slack Adjuster Group (B538)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Remove Permissible Values:
 - A - Group A
 - C - Group C
 - D - Group D
 - G - Group G

- Camera Front Image (B100)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Added Permissible Value:
 - AXIS - Axis

- Camera Cab Image (B108)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Added Permissible Value:
 - AXIS - Axis

- Camera Rear Image (B110)
 - Equipment Group: LOCO
 - Presentation Group: Specification
 - Added Permissible Value:
 - AXIS - Axis

*Indicates this is a new element.

Business Rule Changes - New/Changed or Updated/Removed Rules

- Equipment Builder (A035)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rules:
 - Equipment built or rebuilt on or after July 1, 2010 cannot have a Equipment Builder of Unknown
 - Equipment with a Built Date (BLDT) on or after July 1, 2010 cannot have an Equipment Builder Code of OWNER RAILROAD
 - Equipment Builder can have a value of MULT only if the equipment has multiple units.
- Operating Brakes (A182)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Added Rule:
 - Auto populate element value '1' on equipment characteristic add (ECA) for TANK equipment
- Bottom Outlet/Fitting Type (A308)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: Bottom Outlet Type may be reported but cannot contain the value B, C or G if the Stencil Class is equal to 103ALW, 103AW, 111A100ALW2, 111A100W2, 111A60ALW2, 111A60W2, 211A60W2, or 211A100W2
 - New: Bottom Outlet Fitting Type may be reported but cannot contain the value B or C if the Stenciled Shipping Specification (A237) is equal to 111A100ALW2, 111A100W2, 111A60ALW2, 111A60W2, 211A60W2, or 211A100W2
 - Updated Rule:
 - Old: Tanks with Shipping Container Specs that begin with 120 can only have Bottom Outlet Type of B, W, S, U, or Z
 - New: Tanks with Stenciled Shipping Specification (A237) that begin with 120 can only have Bottom Outlet Fitting Type (A308) of B, W, S, or U
 - Updated Rule:
 - Old: Tanks with Shipping Container Specs that begin with 109 can only have Bottom Outlet Type of W, S, U, or Z
 - New: Tanks with Stenciled Shipping Specification (A237) that begin with 109 can only have Bottom Outlet Fitting Type (A308) of W, S, or U

- Bottom Outlet Count (B142)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: Tank Bottom Outlet Count is required for Tanks with a Bottom Outlet Fitting Type that is not equal to U and a Built/Rebuilt (Birth) Date on or after July 1, 1997
 - New: Tank Bottom Outlet Count is required for Tanks with a Bottom Outlet Fitting Type (A308) that is not equal to F, S or U and a Built/Rebuilt (Birth) Date on or after July 1, 1997

- Tank Head Material Norm (B203)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: Tank Head Material Normalized is required. But if tank was built after January 1, 2010 then Z is not a valid option
 - New: Tank Head Material Normalized cannot be reported as Unknown (Z) for tank cars built on or after January 1, 2010

 - Updated Rule:
 - Old: Tank Head Material Normalized must be reported for tank cars built on or after October 1, 2011 and whose Stenciled Shipping Specification begins with 111 or 211
 - New: Tank Head Material Normalized must be reported for tank cars built on or after October 1, 2011 and whose Stenciled Shipping Specification begins with 105, 111, 112, 117, or 211

- Tank Shell Material Norm (B208)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: Tank Shell Material Normalized is required. But if tank was built after January 1, 2010 then Z is not a valid option
 - New: Tank Shell Material Normalized cannot be reported as Unknown (Z) for tank cars built on or after January 1, 2010

 - Updated Rule:
 - Old: Tank Shell Material Normalized must be reported for tank cars built on or after October 1, 2011 and whose Stenciled Shipping Specification begins with 111 or 211.
 - New: Tank Shell Material Normalized must be reported for tank cars built on or after October 1, 2011 and whose Stenciled Shipping Specification begins with 105, 111, 112, 117, or 211

- Bottom Outlet Valve Type (B542)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: Bottom Outlet Valve Type is required when Bottom Outlet Fitting Type (A308) equals B, C, E, or G and the Tanks with a Built/Rebuilt date is on or after July 1, 2015
 - New: Bottom Outlet Valve Type is required when Bottom Outlet Fitting Type (A308) equals B or C and the Tanks with a Built/Rebuilt date is on or after July 1, 2015

- Btm Outlet Vlv Actuation (B543)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: If Stenciled Shipping Specification (A237) begins with 117J, 117P or 117R, reporting of Bottom Outlet Valve Actuation (B543) becomes conditionally mandatory when:
 - Bottom Outlet/Fitting Type (A308) equals B, C, E, or G; and
 - Bottom Outlet Valve Type (B542) equals A, B, C, or E
 - New: If Stenciled Shipping Specification (A237) begins with 117J, 117P or 117R, reporting of Bottom Outlet Valve Actuation (B543) becomes conditionally mandatory when:
 - Bottom Outlet/Fitting Type (A308) equals B or C; and
 - Bottom Outlet Valve Type (B542) equals A, B, C, or E

Got Questions? Get Answers.

If you have any questions about Railinc's Umler system or this release, contact the Railinc Customer Success Center by email at or by phone at 877-724-5462.