

Release Notes for June 18, 2020 Umler System Release

The Umler system release scheduled for Thursday, June 18, 2020, includes functional enhancements to Umler which includes docket implementation work as directed by the Umler Committee directed work 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)**
 - Equipment Descriptor (B341)
 - Equipment Group(s): IFLT, CHSS, CONT, TRLR, LOCO
 - Update Element Description:
 - From: Additional information about the type of equipment used in conjunction with the Mechanical Designation D Locomotive to generate the Equipment Type Code (ETC)
 - To: Additional information about the type of equipment used in conjunction with the Mechanical Designation to generate the Equipment Type Code (ETC) for Intermodal Flat, Locomotive, Chassis, Container, and Trailer equipment groups
 - Loco Gross Weight (A115)
 - Equipment Group(s): LOCO
 - Update Element Name:
 - From: Weight on Drivers
 - To: Loco Gross Weight
 - Year Tank Qualified (B240)
 - Equipment Group(s): TANK
 - Update to Mandatory
 - Update Element Description:
 - From: New - Tank Committee; May become an inspection?-New - Tank Committee
 - To: The year the tank car tank was last qualified.
 - Year Tank Qualification Due (B241)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: New - Tank Committee
 - To: The year the tank car tank is due for next qualification.
 - Year Service Equipment Qualified (B242)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the service equipment is inspected.

- To: The year the service equipment is inspected was last qualified.
 - Year Service Equipment Qualification Due (B243)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the service equipment inspection.
 - To: The year the service equipment is due for next qualification.
 - Year Pressure Relief Valve Qualified (B244)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the pressure relief value is inspected.
 - To: The year the pressure relief valve was last qualified.
 - Update Element Label (UI):
 - From: Pressure Relief Qualified
 - To: Pressure Relief Vlv Qual
 - Year Pressure Relief Valve Qualification Due (B245)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the pressure relief inspection.
 - To: The year the pressure relief valve is due for next qualification.
 - Update Element Label (UI):
 - From: Pressure Relief Due
 - To: Pressure Relief Valve Due
 - Year Tank Thickness Qualified (B246)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the tank thickness was measured.
 - To: The year the tank car tank thickness was last qualified.
 - Year Tank Thickness Qualification Due (B247)
 - Equipment Group(s): TANK
 - Update Element Description:
 - From: The year the tank thickness measurement.
 - To: The year the tank car tank thickness is due for next qualification.
- **Permissible Value/Range Updates - Updates/Removals/New Values**
 - Outside Length (OSLG)
 - Equipment Group(s): LOCO
 - Increase Permissible Range Maximum
 - Old - 98
 - New - 140

- Loco Gross Weight (A115)
 - Equipment Group(s): LOCO
 - Increase Permissible Range Maximum
 - Old - 675000
 - New - 999999
- Equipment Builder (A035)
 - Equipment Group(s): TANK
 - Add New Permissible Value
 - PREE - Process Engineering
- **Business Rule Changes - New/Changed or Updated/Removed Rules**
 - Outside Length (OSLG)
 - Equipment Group(s): GOND, HOPP
 - Removed Rule(s):
 - Outside Length for all Gondolas must be less than 95 feet
 - Outside Length for GOND must be greater than 25 feet
 - Outside Length on a GT Ore Jenny (Mechanical Designation of GT, Flat Bottom, Inside Length less than 36 feet) must be less than or equal 51 feet 11 inches
 - Outside Length on a GOND (Mechanical Designation of GT, Flat Bottom, Inside Length greater than or equal to 36 feet) must be greater than or equal to 25 feet 0 inches
 - Outside Length on a GOND (Mechanical Designation - GT, Depressed Bottom) must meet or exceed the minimum of 25 feet 0 inches
 - Outside Length on a GOND (Mechanical Designation - Not equal to GT, MWD, or MW) must meet or exceed the minimum of 25 feet 0 inches
 - Outside Length (OSLG) on refrigerator cars (Mechanical Designation RB, RBL, RP, RPL, or RC) must not exceed Inside Length (A135) by more than 26 feet
 - Outside Length (OSLG) on freight cars (except refrigerators) must not exceed Inside Length (A135) by more than 16 feet
 - Outside Length of a Hopper cannot exceed the maximum of 80 feet 11 inches
 - Outside Length of an HMA ore jenny (Mechanical Designation of HMA) cannot be less than the minimum of 20 feet
 - Outside Length (OSLG) on freight cars must exceed the Inside Length (A135) by 2 feet or more
 - Outside Length of an HMA ore jenny (Mechanical Designation of HMA) cannot exceed the maximum of 51 feet 11 inches
 - New Rule(s) - GOND:
 - Outside Length (OSLG) on freight cars (except refrigerator cars with Mechanical Designation RB, RBL, RP, RPL, or RC) must not exceed Inside Length (A135) by more than 16 feet

- Outside Length (OSLG) of GOND with a blank Connected Unit Count (A020), must contain values between 24 feet and 88 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 2, must contain values between 48 feet and 176 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 3, must contain values between 72 feet and 264 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 4, must contain values between 96 feet and 352 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 5, must contain values between 120 feet and 440 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 6, must contain values between 144 feet and 528 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 7, must contain values between 168 feet and 616 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 8, must contain values between 192 feet and 704 feet
- Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 9, must contain values between 216 feet and 792 feet
- New Rule(s) - HOPP:
 - Outside Length (OSLG) on freight cars (except refrigerator cars with Mechanical Designation RB, RBL, RP, RPL, or RC) must not exceed Inside Length (A135) by more than 16 feet
 - Outside Length (OSLG) of GOND with a blank Connected Unit Count (A020), must contain values between 24 feet and 88 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 2, must contain values between 48 feet and 176 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 3, must contain values between 72 feet and 264 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 4, must contain values between 96 feet and 352 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 5, must contain values between 120 feet and 440 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 6, must contain values between 144 feet and 528 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 7, must contain values between 168 feet and 616 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 8, must contain values between 192 feet and 704 feet
 - Outside Length (OSLG) of GOND where Connected Unit Count (A020) is 9, must contain values between 216 feet and 792 feet
- Outside Height Extreme Width (A187)
 - Equipment Group(s): GOND, HOPP
 - New Rule(s):
 - Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 8 inches if Outside Height Extreme Width is 13 feet 10 inches or less

- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 7 inches if Outside Height Extreme Width is 13 feet 11 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 6 inches if Outside Height Extreme Width is 14 feet 0 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 4 inches if Outside Height Extreme Width is 14 feet 1 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 3 inches if Outside Height Extreme Width is 14 feet 2 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 2 inches if Outside Height Extreme Width is 14 feet 3 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 10 feet 0 inches if Outside Height Extreme Width is 14 feet 4 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 9 feet 9 inches if Outside Height Extreme Width is 14 feet 5 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 9 feet 5 inches if Outside Height Extreme Width is 14 feet 6 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 9 feet 2 inches if Outside Height Extreme Width is 14 feet 7 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 8 feet 10 inches if Outside Height Extreme Width is 14 feet 8 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 8 feet 6 inches if Outside Height Extreme Width is 14 feet 9 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 8 inches if Outside Height Extreme Width is 14 feet 3 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 7 inches if Outside Height Extreme Width is 14 feet 4 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 6 inches if Outside Height Extreme Width is 14 feet 5 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 4 inches if Outside Height Extreme Width is 14 feet 6 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 3 inches if Outside Height Extreme Width is 14 feet 7 inches

- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 2 inches if Outside Height Extreme Width is 14 feet 8 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 10 feet 0 inches if Outside Height Extreme Width is 14 feet 9 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 9 feet 9 inches if Outside Height Extreme Width is 14 feet 10 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 9 feet 5 inches if Outside Height Extreme Width is 14 feet 11 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 9 feet 2 inches if Outside Height Extreme Width is 15 feet 0 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 8 feet 10 inches if Outside Height Extreme Width is 15 feet 1 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 8 feet 6 inches if Outside Height Extreme Width is 15 feet 2 inches
- Outside Extreme Width (A186) for Plate Code E must not exceed 10 feet 8 inches if Outside Height Extreme Width is 15 feet 2 inches
- Outside Extreme Width (A186) for Plate Code E must not exceed 10 feet 6 inches if Outside Height Extreme Width is 15 feet 3 inches
- Outside Extreme Width (A186) for Plate Code E must not exceed 10 feet 3 inches if Outside Height Extreme Width is 15 feet 4 inches
- Outside Extreme Width (A186) for Plate Code E must not exceed 9 feet 6 inches if Outside Height Extreme Width is 15 feet 5 inches
- Outside Extreme Width (A186) for Plate Code E must not exceed 8 feet 8 inches if Outside Height Extreme Width is 15 feet 6 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 10 feet 8 inches if Outside Height Extreme Width is 16 feet 3 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 10 feet 7 inches if Outside Height Extreme Width is between 16 feet 4 inches and 16 feet 6 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 10 feet 6 inches if Outside Height Extreme Width is 16 feet 7 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 10 feet 3 inches if Outside Height Extreme Width is 16 feet 8 inches

- Outside Extreme Width (A186) for Plate Code F must not exceed 10 feet 0 inches if Outside Height Extreme Width is 16 feet 9 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 9 feet 8 inches if Outside Height Extreme Width is 16 feet 10 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 9 feet 5 inches if Outside Height Extreme Width is 16 feet 11 inches
- Outside Extreme Width (A186) for Plate Code F must not exceed 9 feet 2 inches if Outside Height Extreme Width is 17 feet 0 inches
- Outside Extreme Width (A186) for Plate Code B must not exceed 8 feet 3 inches if Outside Height Extreme Width is 14 feet 10 inches
- Outside Extreme Width (A186) for Plate Code C must not exceed 8 feet 3 inches if Outside Height Extreme Width is 15 feet 3 inches
- Outside Lower Eaves Width (A190)
 - Equipment Group(s): GOND, HOPP
 - New Rule:
 - Outside Lower Eaves Width must be greater than or equal to Outside Upper Eaves Width (A194)
 - Outside Lower Eaves Width must be reported if Outside Lower Eaves Height (A189) is reported
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 8 inches if Outside Lower Eaves Height (A189) is 13 feet 10 inches or less
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 7 inches if Outside Lower Eaves Height (A189) is 13 feet 11 inches
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 6 inches if Outside Lower Eaves Height (A189) is 14 feet 0 inches
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 3 inches if Outside Lower Eaves Height (A189) is 14 feet 2 inches
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 2 inches if Outside Lower Eaves Height (A189) is 14 feet 3 inches
 - Outside Lower Eaves Width for Plate Code B must not exceed 10 feet 0 inches if Outside Lower Eaves Height (A189) is 14 feet 4 inches
 - Outside Lower Eaves Width for Plate Code B must not exceed 9 feet 9 inches if Outside Lower Eaves Height (A189) is 14 feet 5 inches

- Outside Lower Eaves Width for Plate Code B must not exceed 9 feet 5 inches if Outside Lower Eaves Height (A189) is 14 feet 6 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 9 feet 2 inches if Outside Lower Eaves Height (A189) is 14 feet 7 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 8 feet 10 inches if Outside Lower Eaves Height (A189) is 14 feet 8 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 8 feet 3 inches if Outside Lower Eaves Height (A189) is 14 feet 10 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 7 feet 11 inches if Outside Lower Eaves Height (A189) is 14 feet 11 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 7 feet 8 inches if Outside Lower Eaves Height (A189) is 15 feet 0 inches
- Outside Lower Eaves Width for Plate Code B must not exceed 7 feet 4 inches if Outside Lower Eaves Height (A189) is 15 feet 1 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 8 inches if Outside Lower Eaves Height (A189) is 14 feet 3 inches or less
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 7 inches if Outside Lower Eaves Height (A189) is 14 feet 4 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 6 inches if Outside Lower Eaves Height (A189) is 14 feet 5 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 4 inches if Outside Lower Eaves Height (A189) is 14 feet 6 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 3 inches if Outside Lower Eaves Height (A189) is 14 feet 7 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 2 inches if Outside Lower Eaves Height (A189) is 14 feet 8 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 10 feet 0 inches if Outside Lower Eaves Height (A189) is 14 feet 9 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 9 feet 9 inches if Outside Lower Eaves Height (A189) is 14 feet 10 inches
- Outside Lower Eaves Width for Plate Code C must not exceed 9 feet 5 inches if Outside Lower Eaves Height (A189) is 14 feet 11 inches

- Outside Lower Eaves Width for Plate Code C must not exceed 9 feet 2 inches if Outside Lower Eaves Height (A189) is 15 feet 0 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 8 feet 10 inches if Outside Lower Eaves Height (A189) is 15 feet 1 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 8 feet 6 inches if Outside Lower Eaves Height (A189) is 15 feet 2 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 8 feet 3 inches if Outside Lower Eaves Height (A189) is 15 feet 3 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 7 feet 11 inches if Outside Lower Eaves Height (A189) is 15 feet 4 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 7 feet 8 inches if Outside Lower Eaves Height (A189) is 15 feet 5 inches
 - Outside Lower Eaves Width for Plate Code C must not exceed 7 feet 4 inches if Outside Lower Eaves Height (A189) is 15 feet 6 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 10 feet 8 inches if Outside Lower Eaves Height (A189) is 15 feet 2 inches or less
 - Outside Lower Eaves Width for Plate Code E must not exceed 10 feet 6 inches if Outside Lower Eaves Height (A189) is 15 feet 3 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 10 feet 3 inches if Outside Lower Eaves Height (A189) is 15 feet 4 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 9 feet 6 inches if Outside Lower Eaves Height (A189) is 15 feet 5 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 8 feet 8 inches if Outside Lower Eaves Height (A189) is 15 feet 6 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 7 feet 11 inches if Outside Lower Eaves Height (A189) is 15 feet 7 inches
 - Outside Lower Eaves Width for Plate Code E must not exceed 7 feet 1 inches if Outside Lower Eaves Height (A189) is 15 feet 8 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 10 feet 8 inches if Outside Lower Eaves Height (A189) is 16 feet 3 inches or less
- New Rule(s) - GOND:

- Outside Lower Eaves Width for Plate Code F must not exceed 9 feet 2 inches if Outside Lower Eaves Height (A189) is 17 feet 0 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 9 feet 5 inches if Outside Lower Eaves Height (A189) is 16 feet 11 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 9 feet 8 inches if Outside Lower Eaves Height (A189) is 16 feet 10 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 10 feet 0 inches if Outside Lower Eaves Height (A189) is 16 feet 9 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 10 feet 3 inches if Outside Lower Eaves Height (A189) is 16 feet 8 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 10 feet 6 inches if Outside Lower Eaves Height (A189) is 16 feet 7 inches
 - Outside Lower Eaves Width for Plate Code F must not exceed 10 feet 7 inches if Outside Lower Eaves Height (A189) is between 16 feet 4 inches and 16 feet 6 inches
- Remove Rule(s) - GOND:
 - Outside Lower Eaves Width for Plate Code A must not exceed 10 feet 10 inches
 - Outside Lower Eaves Width for Plate Codes B, C, E, F, H, or I must not exceed 10 feet 8 inches
- Outside Upper Eaves Height (A193)
 - Equipment Group(s): GOND, HOPP
 - Update Rule(s):
 - Current: Outside Upper Eaves Height must not exceed the Outside Extreme Height
New: Outside Upper Eaves Height must not exceed the Outside Extreme Height (A185)
 - Current: Outside Upper Eaves Height for Plate Codes A, B, or H must not exceed 15 feet 1 inch
New: Outside Upper Eaves Height for Plate Code B must not exceed 15 feet 1 inch
 - Current: Outside Upper Eaves Height for Plate Codes C or I must not exceed 15 feet 6 inches
New: Outside Upper Eaves Height for Plate Code C must not exceed 15 feet 6 inches
- Outside Upper Eaves Width (A194)
 - Equipment Group(s): GOND, HOPP
 - Update Rule(s):
 - Current: Outside Upper Eaves Width must be less than or equal to the Outside Extreme Width

New: Outside Upper Eaves Width must be less than or equal to the Outside Extreme Width (A186)

- Current: Outside Upper Eaves Width must be less than or equal to the Outside Lower Eaves Width

New: Outside Upper Eaves Width must be less than or equal to the Outside Lower Eaves Width (A190)

▪ Remove Rule(s):

- Upper Eaves Width for Plate Type A must not exceed 10 feet 10 inches
- Upper Eaves Width for Plate Type B, C, E, F, H or I must not exceed 10 feet 8 inches

▪ New Rule:

- Outside Upper Eaves Width (A194) is mandatory for Gondolas built or rebuilt on or after June 18, 2020
- Outside Upper Eaves Width (A194) is mandatory for Hoppers built or rebuilt on or after June 18, 2020
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 8 inches if Outside Upper Eaves Height (A193) is 13 feet 10 inches or less
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 8 inches if Outside Upper Eaves Height (A193) is 13 feet 10 inches or less
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 7 inches if Outside Upper Eaves Height (A193) is 13 feet 11 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 6 inches if Outside Upper Eaves Height (A193) is 14 feet 0 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 4 inches if Outside Upper Eaves Height (A193) is 14 feet 1 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 3 inches if Outside Upper Eaves Height (A193) is 14 feet 2 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 2 inches if Outside Upper Eaves Height (A193) is 14 feet 3 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 10 feet 0 inches if Outside Upper Eaves Height (A193) is 14 feet 4 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 9 feet 9 inches if Outside Upper Eaves Height (A193) is 14 feet 5 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 9 feet 5 inches if Outside Upper Eaves Height (A193) is 14 feet 6 inches

- Outside Upper Eaves Width for Plate Code B must not exceed 9 feet 2 inches if Outside Upper Eaves Height (A193) is 14 feet 7 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 8 feet 10 inches if Outside Upper Eaves Height (A193) is 14 feet 8 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 8 feet 6 inches if Outside Upper Eaves Height (A193) is 14 feet 9 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 8 feet 3 inches if Outside Upper Eaves Height (A193) is 14 feet 10 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 7 feet 11 inches if Outside Upper Eaves Height (A193) is 14 feet 11 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 7 feet 8 inches if Outside Upper Eaves Height (A193) is 15 feet 0 inches
- Outside Upper Eaves Width for Plate Code B must not exceed 7 feet 4 inches if Outside Upper Eaves Height (A193) is 15 feet 1 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 8 inches if Outside Upper Eaves Height (A193) is 14 feet 3 inches or less
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 7 inches if Outside Upper Eaves Height (A193) is 14 feet 4 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 6 inches if Outside Upper Eaves Height (A193) is 14 feet 5 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 4 inches if Outside Upper Eaves Height (A193) is 14 feet 6 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 3 inches if Outside Upper Eaves Height (A193) is 14 feet 7 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 2 inches if Outside Upper Eaves Height (A193) is 14 feet 8 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 10 feet 0 inches if Outside Upper Eaves Height (A193) is 14 feet 9 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 9 feet 9 inches if Outside Upper Eaves Height (A193) is 14 feet 10 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 9 feet 5 inches if Outside Upper Eaves Height (A193) is 14 feet 11 inches

- Outside Upper Eaves Width for Plate Code C must not exceed 9 feet 2 inches if Outside Upper Eaves Height (A193) is 15 feet 0 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 8 feet 10 inches if Outside Upper Eaves Height (A193) is 15 feet 1 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 8 feet 6 inches if Outside Upper Eaves Height (A193) is 15 feet 2 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 8 feet 3 inches if Outside Upper Eaves Height (A193) is 15 feet 3 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 7 feet 11 inches if Outside Upper Eaves Height (A193) is 15 feet 4 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 7 feet 8 inches if Outside Upper Eaves Height (A193) is 15 feet 5 inches
- Outside Upper Eaves Width for Plate Code C must not exceed 7 feet 4 inches if Outside Upper Eaves Height (A193) is 15 feet 6 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 10 feet 8 inches if Outside Upper Eaves Height (A193) is 15 feet 2 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 10 feet 6 inches if Outside Upper Eaves Height (A193) is 15 feet 3 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 10 feet 3 inches if Outside Upper Eaves Height (A193) is 15 feet 4 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 9 feet 6 inches if Outside Upper Eaves Height (A193) is 15 feet 5 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 8 feet 8 inches if Outside Upper Eaves Height (A193) is 15 feet 6 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 7 feet 11 inches if Outside Upper Eaves Height (A193) is 15 feet 7 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 7 feet 1 inches if Outside Upper Eaves Height (A193) is 15 feet 8 inches
- Outside Upper Eaves Width for Plate Code E must not exceed 6 feet 3 inches if Outside Upper Eaves Height (A193) is 15 feet 9 inches
- Outside Upper Eaves Width for Plate Code F must not exceed 10 feet 8 inches if Outside Upper Eaves Height (A193) is 16 feet 3 inches

- Outside Upper Eaves Width for Plate Code F must not exceed 10 feet 7 inches if Outside Upper Eaves Height (A193) is between 16 feet 4 inches and 16 feet 6 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 10 feet 6 inches if Outside Upper Eaves Height (A193) is 16 feet 7 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 10 feet 3 inches if Outside Upper Eaves Height (A193) is 16 feet 8 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 10 feet 0 inches if Outside Upper Eaves Height (A193) is 16 feet 9 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 9 feet 8 inches if Outside Upper Eaves Height (A193) is 16 feet 10 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 9 feet 5 inches if Outside Upper Eaves Height (A193) is 16 feet 11 inches
 - Outside Upper Eaves Width for Plate Code F must not exceed 9 feet 2 inches if Outside Upper Eaves Height (A193) is 17 feet 0 inches
- Truck Center Length (A276)
 - Equipment Group(s): GOND, HOPP
 - Update Rule(s):
 - Current: Truck Center Length is required for cars with an Outside Length of greater than 62 feet 6 inches
 - New: Truck Center Length is required for cars with an Outside Length (OSLG) of greater than 62 feet 6 inches
- **Documentation Changes - Element Updates in Umler Data Specification Manual**
 - Outside Upper Eaves Height (A193)
 - Equipment Group(s): GOND, HOPP
 - Added Note:
 - If equipment operates with removable cover Roof Type (A226) code 2, report dimension with cover installed.
 - Outside Upper Eaves Width (A194)
 - Equipment Group(s): GOND, HOPP
 - Added Note:
 - Round fraction to the higher inch, e.g., 05 1/4" = 06"

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 csc@railinc.com or by phone at 877-724-5462.