RAILINC | Umler® Release Notes

Release Notes for September 20, 2018, Umler System Release

The Umler system release scheduled for Thursday, September 20, 2018, Umler system release includes functional enhancements to Umler which includes docket implementation work as directed by the Umler Committee as well as System Validation Task Force 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.

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

  - Positive Train Control System (A006)
    - Equipment Group(s): LOCO
    - New Permissible Value: M - Dual (ITCS and IETMS)

  - Plate Code (A046)
    - Equipment Group(s): LOCO
    - New Permissible Value: M - Plate Code M

  - Coupler Code (A057)
    - Equipment Group(s): BOXC, GOND, HOPP, FLAT, IFLT, MISC, PSGR
    - New Permissible Value: FF205E-Type F (Rule 18)-FF205E

  - Outside Extreme Height (A185)
    - Equipment Group(s): MISC
    - Increased maximum permissible range
      - Old: 18 feet (216 inches)
      - New: 21 feet (252 inches)

  - Stub Sill Design Type (A251)
    - Equipment Group(s): TANK
    - New Permissible Value: UTLZBT – UTLZBT Stub Sill Design

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

  - IFLT 20ft Container Lmt (B548)
    - Equipment Group(s): IFLT
    - New Rule: "IFLT 20 ft Container Lmt must not exceed half the Unit Load Limit (A300) reported."
    - New Rule: "IFLT 20 ft Container Lmt should be populated when Single Length Loading Configuration (B288) is listed as DB1, DB2, DB3, DC1, DC2, DC3, DT1, DT2, DT3, DT4, DT5, DT6, PC1, PC2, PT1, PT2, PT3, PT4, PT5, PT6, QB1, QB2, QB3, QC1, QC2, QT1, QT2, QT3, QT4, QT5, QT6, QT7, QT8, SA1, SA2, SA3, SA4, SA5, SA6, SA7, SA8, SA9, SB1, SB2, SB3, SB4, SB5, SB6, SB7, SB8, SB9, SC1, SC2, SC3, SC4, SC5, SC6, SC7,

*Indicates this is a new element.

SC8, SC9, SD1, SD2, SD3, SD4, or SD5 and Built/Rebuilt on/after September 20, 2018."

- o End Door Height (A080)
  - Equipment Group(s): GOND
  - Updated Rule: Updated from "End Door Height must not be reported if End Door Width (A082) is not reported" to "End Door Height must not be reported if End Door Width (A082) is not reported"
  - Updated Rule: Updated from "End Door Height must be reported if End Door Width is reported" to "End Door Height must be reported if End Door Width (A082) is reported"

- o End Door Width (A082)
  - Equipment Group(s): GOND
  - Removed Rule: "End Door Width must be reported for Drop-End Gondolas (Mechanical Designation of GB, GTS, GT, GBS, GBSR, MWD, or MW)"
  - Updated Rule: Updated from "End Door Width must be reported for Drop-End Gondolas (Mechanical Designation of GB; Gondola End Door must be Drop End)" to "End Door Width must be reported when Gondola With Drop Ends (B103) is Y"

- o Inside Height (A133)
  - Equipment Group(s): GOND
  - New Note in Umler Data Specification Manual: "Round fraction to the lower inch, e.g., 05 1/4" = 05"

- o Outside Extreme Width (A186)
  - Equipment Group(s): GOND
  - New Note in Umler Data Specification Manual: "If equipment operates with removable cover Roof Type (A226) code 2, report dimension with cover installed."

- o Outside Extreme Width (A186)
  - Equipment Group(s): GOND, HOPP
  - New Rule: "Outside Extreme Width must not exceed 10 feet 8 inches for Plate Codes B, C, E, or F"
  - Removed Rule: "Outside Extreme Width must not exceed 10 feet 8 inches for Plate Codes B, C, E, F, H, I, J, or K"
  - Removed Rule: "Outside Extreme Width (A186) for Plate Code A must not be less than 10 feet 8 inches."
  - Removed Rule: "Outside Extreme Width (A186) for Plate Code A must not exceed 10 feet 10 inches."

- o Mark Owner Category (B201)
  - Equipment Group(s): BOXC, GOND, HOPP, MISC, TANK, IFLT, VFLT, LOCO, PSGR, EOTD, STWH, CONT, TRLR, CHSS
  - Added Note in Umler Data Specification Manual: "This value is stored in the Umler Database for informational purposes and is retrieved from the Roadmark Registry."

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- o Mark Owner Category (B201)
  - Equipment Group(s): BOXC
  - Removed Note in Umler Data Specification Manual: "If Mechanical Designation (UMMD) is FBC and Steel Risers are present, then report Floor material (a104) as 22 (Steel floor, permanently mounted steel risers)."

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.

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