

To: Distribution List

Subject: October, 2022 AAR Circular Letter Summary

The October 2022 summary includes the (20) circular letters issued during the month.

This document provides a summary of each Association of American Railroads (“AAR”) circular letter issued during the previous month. A circular letter provides information of general applicability to the railroad industry, including proposed and final rules, standards, and recommended practices. Circulars are a fee-based service provided by AAR’s Transportation Technology Center, Incorporated (“TTCI”) located in Pueblo, Colorado. You may sign up to receive AAR circular letters online. If you need further assistance with access to circulars, please send any future questions and issues to Pubs@aar.com.

The Field Manual of the AAR Interchange Rules, Rule 1, b. (11), requires maintaining a copy of each “*mandatory circular letter*” that revises an “*Interchange Rule*” or the “*Manual of Standards and Recommended Practices.*” For your convenience, this document identifies mandatory circular letters. For those circulars that propose or implement final changes to an existing rule, standard, or recommended practice, this document provides an impact statement to car owners, lessors, mechanical shops, and railroad operations.

The following matrix identifies the AAR circular letter number, a summary of the circular, any effective date of a rule, standard, or recommended practice, any comment due date, an impact statement, and to the extent it applies, if the circular letter is mandatory.

If you have any questions, please contact Tom DeLafosse at 630.512.7595 or tom.delafosse@salcoproducts.com.

| Circular No. | Subject and Summary | Impact Statement |
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| Implemented Changes, Effective the Date of Circular | | |
| C-14028 Oct. 3, 2022 | <p>Subject: Informational Circular, Enforcement of M-216 Compliance for F-Type Knuckles.</p> <p>Summary: As of January 1, 2023, all newly manufactured F-type knuckles for North American interchange service are required to meet M-216 fatigue requirements. In accordance with M-216 and M-211 these knuckles are identified by the letter V at the end of the catalog number (e.g., F51AEV). After January 1, 2023 manufacturers must not accept orders for non-M-216 F-type knuckles except to draw down existing inventory.</p> <p>Implementation Date: This deadline applies to the production of new knuckles and not the application of existing stock. Existing inventories of the non-M-216 knuckles may continue to be applied. Manufacturers with existing purchase orders for non-M-216 F-type knuckles that extend beyond the deadline may work with the CSTCC for special consideration.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: As existing non-M-216 inventory is exhausted, the CSTCC will work with CRB to begin removing corresponding Job Codes for application of new knuckles.</p> |

| Circular No. | Subject and Summary | Impact Statement |
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| <p>C-14031 Oct. 11, 2022</p> | <p>Subject: Implementation of Editorial Modifications to S-920 Appendices A-H (Registered Component Data Glossaries).</p> <p>Summary: A minor editorial modification has been made in the interest of clarity to the headers of the Data Glossaries in Appendices A-H of MSRP F, Sensors, S-920 Component Identification (CID) Bar Code Standard.</p> <p>Implementation Date: S-920 is appended to this circular and now implemented and effective immediately. The revised S-920 standard will be incorporated into the next published issue of the Manual of Standards and Recommended Practices, Section F.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section F is a required publication for your facility be sure to replace the current copy of S-920 with the revised one that is attached to this circular.</p> |
| <p>C-14032 Oct. 12, 2022</p> | <p>Subject: Implementation of Revisions to MSRP Section I, Intermodal Equipment Manual, Recommended Practice RP-853, Trailer Skirt.</p> <p>Summary: This circular letter is to notify the industry of revisions to MSRP Section I, Intermodal Equipment Manual, Recommended Practice RP-853, defining the requirements for trailer skirts.</p> <p>Implementation Date: Revised recommended Practice RP-853, attached, is now implemented and effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section I.</p> | <p>Car Type: Intermodal</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section I is a required publication for your facility be sure to replace the current copy of RP-853 with the one attached to this circular.</p> |
| <p>C-14033 Oct. 12, 2022</p> | <p>Subject: Implementation of Revisions to MSRP Section H-II, Roller Bearing Manual, Standard S-726, Cone Marking Requirement.</p> <p>Summary: This circular letter is to notify the industry of revisions to MSRP Section H-II, Roller Bearing Manual, Standard S-726, Cone Marking Requirement, regarding who may restore the markings on cones after grinding or machining.</p> <p>Implementation Date: Revised standard S-726, attached, is now implemented and effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section H-II.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section H-II is a required publication for your facility, be sure to replace the current copy of S-726 with the revised one attached to this circular.</p> |

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| <p>C-14030 Oct. 12, 2022</p> | <p>Subject: Revisions to MSRP, Section M Locomotives and Locomotive Interchange Equipment, Specification M-1005 locomotive electronics safety assessments and analyses.</p> <p>Summary: The Subpart E Task Force and the Locomotive Committee have approved implementing and publishing the revised M-1005 specification via this Circular Letter.</p> <p>Implementation Date: The revised M-1005 specification is attached and is implemented effective immediately. The specification will be incorporated into the next issue of the Manual of Standards and Recommended Practices, Section M.</p> | <p>Car Type: Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section M is a required publication for your facility be sure to replace the existing copy of M-1005 with the revised one attached to this circular.</p> |
| <p>C-14035 Oct. 14, 2022</p> | <p>Subject: Implementation of Revisions to MSRP Section N, Standard S-810, Field Impact and Over-the-Road Tests of Multi-Level Tie-Down Equipment and Methods.</p> <p>Summary: The Specially Equipped Freight Car Committee is implementing revisions to Standard S-810, Section 2.5 that replace the VTU testing to on track testing using AAR GIB guidelines.</p> <p>Implementation Date: Changes to MSRP Section N, Standard S-810 are now implemented and effective immediately and will be incorporated in the next issue of MSRP Section N.</p> | <p>Car Type:</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section N is a required publication for your facility be sure to download the revised S-810 and update your manual.</p> |
| <p>C-14036 Oct. 19, 2022</p> | <p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-I Railway Electronics Architecture and Concepts of Operations, Standard S-9080.V4.0.</p> <p>Summary: S-9080.V4.0 - Positive Train Control Interoperability Committee Policy defines the policy-related items related to or required for PTC interoperability and document standard(s) associated with each.</p> <p>Implementation Date: S-9080.V4.0 will be incorporated into the next issue of the MSRP Section K-I Railway Electronics Architecture and Concepts of Operations.</p> | <p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section K-1 is a required publication for your facility, be sure to download the attached revised S-9080.V4.0 and update your manual.</p> |

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| <p>C-14039 Oct. 25, 2022</p> | <p>Subject: Implementation of Revised MSRP Section G-II, Wheel, and Axle Manual, 2022.</p> <p>Summary: The Association of American Railroads Wheels, Axles, Bearings, and Lubrication Committee (WABL) has announced a new edition of the Manual of Standards and Recommended Practices, Section G-II, Wheel, and Axle Manual.</p> <p>Implementation Date: The revised MSRP Section G-II is now available in both printed and electronic versions.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: If Section G-II is a required publication for your facility be sure to purchase the new edition and update your master document list accordingly.</p> |
| <p>Changes Pending 30-Day (Generally) Comment Period from Date of Circular</p> | | |
| <p>C-14029 Oct. 5, 2022</p> | <p>Subject: Solicitation of Comments for Revisions to MSRP Section C II: Design, Fabrication, and Construction of Freight Cars, M-1001, Appendix C Specification for Instrumented Wheel Sets.</p> <p>Summary: The Equipment Engineering Committee (EEC) is updating the specification to add clarifications and to allow more flexibility in the calibration process. The noted bullet points summarize the more substantial changes. Attached to this circular is a track changes version of the proposed Specification with editing comments also included.</p> <p>Implementation Date: All comments, relevant to the proposed revisions, received within 30 days of the issuance of this circular will be considered by the EEC prior to further action.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Interested parties should review these proposed changes and provide comment as noted within the circular.</p> |
| <p>CPC-1402 Oct. 11, 2022</p> | <p>Subject: Solicitation of Comments on Proposed Revisions to MSRP Section C-III, Specification for Tank Cars (M-1002), Chapter 1 and 2, Appendices A, C, D, E, and Y.</p> <p>Summary: The revisions pertain to the following AAR Tank Car Committee Dockets: T5.31 Review Tank Car Elements in Umler T10.31 Performance of Bottom Fitting Protection System T87.9 TIH Tank Car Transition Plan T92.20 Review of EEC Marking Reduction Effort T100.22.2 Service Equipment Component Tracking – All Service Equipment Categories</p> <p>Implementation Date: 30 calendar days from the date of this CPC (specifically by 5:00 PM eastern November 10, 2022).</p> | <p>Car Type: Tank Cars</p> <p>Car Owner: Possibly</p> <p>Repair Shop: Yes</p> <p>Comments: Questions related to the CPC shall be directed to Matt Forister, Director Tank Car Safety via email mforister@aar.org.</p> |

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| <p>C-14034 Oct. 12, 2022</p> | <p>Subject: Revisions to MSRP Section S, Casting Details, Specification M-212, Couplers and Yokes, Secondhand—Classification and Reconditioning Procedure, regarding EF coupler butt reconditioning, hardness testing, and a new lug gauge.</p> <p>Summary: This circular letter is to solicit comments for revisions proposed to Section S, CASTING DETAILS, Specification M-212, Couplers and Yokes, Secondhand—Classification and Reconditioning Procedure, regarding: reconditioning of shank butts for E/F and F type couplers (file CSTC-S-M212.15), updating hardness testing locations and requirements (file CSTC-S-M212.11), and implementing a new classification gauge to eliminate E and E/F couplers with overworn pulling lugs from returning to service (file CSTC-S-M212.08).</p> <p>Implementation Date: All comments, relevant to the proposed revisions, received within 30 days of the issuance of this circular will be considered by the CSTCC prior to implementation.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If adopted as proposed, the attached file will replace M-212 in its entirety.</p> |
| <p>C-14037 Oct. 19, 2022</p> | <p>Subject: DRAFT S-9101.V1.2.1 - Locomotive Electronics System Architecture is available for review and comment, in support of MSRP - Section K-II, Locomotive Electronics and Train Consist System Architecture.</p> <p>Summary: The Railway Electronics Standards Committee (RESC) of the Association of American Railroads (AAR) is publishing DRAFT Standard S-9101.V1.2.1 Locomotive Electronics System Architecture for review and comment.</p> <p>Implementation Date: This document will have a 30-day comment period. The time will begin with the date posted of October 19, 2022.</p> | <p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Interested parties should review and provide their comments as requested.</p> |
| <p>C-140 Oct. , 2022</p> | <p>Subject: DRAFT S-9102.V1.0 - Locomotive Systems Time Synchronization is available for review and comment, in support of MSRP - Section K-II, Locomotive Electronics and Train Consist System Architecture</p> <p>Summary: The Railway Electronics Standards Committee (RESC) of the Association of American Railroads (AAR) is publishing DRAFT Standard S-9102.V1.0 Locomotive Systems Time Synchronization for review and comment.</p> <p>Implementation Date: This document will have a 30-day comment period. The time will begin with the date posted of October 19, 2022.</p> | <p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Interested parties should review and provide their comments as requested.</p> |

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| <p>C-14040 Oct. 25, 2022</p> | <p>Subject: Solicitation of Comments for Revisions to MSRP Section I, Intermodal Equipment Manual, M-998, IBC Handle Requirement.</p> <p>Summary: The purpose of this circular letter is to solicit comments for proposed revisions to MSRP Section I, Intermodal Equipment Manual, M-998. The proposed changes define the orientation, length, and diameter of the IBC handle to make improve ease of operation.</p> <p>Implementation Date: All comments, relevant to the proposed revisions, received within 30 days of the issuance of this circular will be considered by the Intermodal Committee prior to acting.</p> | <p>Car Type: Internodal</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Interested parties should download the attached M-998 and review it to provide possible comments prior to its implementation.</p> |
| <p>C-14041 Oct. 30, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rules 13 and 83.</p> <p>Summary: The Arbitration and Rules Committee a proposal as advanced by the Brake Systems Committee to revise Field Manual Rules 13 and 83, was reviewed, and approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |
| <p>C-14042 Oct. 30, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rule 37.</p> <p>Summary: the Arbitration and Rules Committee a proposal as advanced by the WABL Committee to revise Field Manual Rule 37 for Nevis Adapter Pads, was reviewed and approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |

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| <p>C-14043 Oct. 30, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rule 48.A.3.a.</p> <p>Summary: the Arbitration and Rules Committee a proposal as advanced by the CSTC Committee to revise Field Manual Rule 48.A.3.a to clarify that clip-on-type pedestal liners that are broken or cracked but still perform their intended function are not to be considered as Cause for Attention, was reviewed, and approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |
| <p>C-14044 Oct. 30, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rule 48</p> <p>Summary: The Arbitration and Rules Committee a proposal as advanced by the CSTC Committee to revise Field Manual Rule 48 to address questions regarding repairs of Swing Motion pedestal rockers and their proper repair, was reviewed and approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |
| <p>C-14045 Oct. 30, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rule 108.2.c</p> <p>Summary: The Arbitration and Rules Committee (ARB) a request for interpretation of Rule 108.2.c. was received and discussed. ARB determined that Rule 108.2.c was informational and did not indicate responsibility, therefore ARB proposed the removal of Rule 108.2.c to avoid future confusion. The proposed revision was approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |

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| <p>C-14046 Oct. 31, 2022</p> | <p>Subject: Solicitation of Comments, Revisions to Field Manual, Rule 15</p> <p>Summary: The Arbitration and Rules Committee a proposal as advanced by the CSTC Committee to revise Field Manual Rule 15 based on a review of '99 Job Codes, was reviewed and approved. The entire text of the revision is identified within this circular.</p> <p>Implementation Date: All comments received will be reviewed and considered by the Arbitration and Rules Committee, with a targeted implementation date of January 1, 2023.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: Comments should be sent to the undersigned at nfimple@aar.org within 30 days of this letter for consideration.</p> |
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