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To: Distribution List

Subject: July 2018 AAR Circular Letter Summary

The July 2018 summary includes the (13) 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 | | |
| CPC-1335 July 11, 2018 | <p>Subject: Midland Manufacturing 720 Series Valve Modification and Replacement.</p> <p>Summary: The Association of American Railroads Tank Car Committee has determined that all Midland Manufacturing 720 series valves (A-720, A-721, A-721B and A-724) should modified or replaced with valves manufactured or rebuilt to current approved valve configurations. All valves of this design series must be modified in accordance with this CPC. All valves must be modified at the next scheduled requalification or July 1, 2024, whichever is sooner. All newly installed valves must conform to current approvals. After July 1, 2024, tank cars with valves not conforming to the current approvals will be considered out of compliance with the AAR Manual of Standards and Recommended Practices and will not be accepted in North American Interchange.</p> | <p>Car Type: Tank Cars</p> <p>Car Owner: Yes</p> <p>Repair Shop: Yes</p> <p>Comments: Valves must be configured to one of the following current AAR TCC approvals: E182102 for A-720 and A-724 Valves, E182103 for A-721B Valves, or E182104 for A-721 Valves. Refer to this CPC for copies of the associated OEM’s maintenance instructions.</p> |

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| | <p>Implementation Date: Attached to this circular are the manufacturer's technical bulletins. Questions and requests for components should be forwarded to Midland Customer Service: 847-677-0333 or Technical Sales, Steve Wells: 847-929-6870.</p> | |
| <p>C-13170 July 13, 2018</p> | <p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-II Loco Electronics & Train Consist System Architecture, Locomotive Data Acquisition and Recording System (LDARS) - Event Data Acquisition Processor, Standard S-9101C.V1.0.</p> <p>Summary: Standard S-9101C.V1.0 specifies the Event Data Acquisition Processor (EDAP) that wires up to the sensors and older control systems and forwards data to the LDARS Crashworthy Memory Module (CMM).</p> <p>Implementation Date: Standard S-9101C.V1.0 was Adopted in July 2018 and is attached to this circular in PDF format. It will be incorporated in the next issue of the MSRP, Section K-II Locomotive Electronics & Train Consist System Architecture.</p> | <p>Car Type: Railroad Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section K-II is a required publication for your location, Insert this Circular in your copy of the MSRP Section K-II.</p> |
| <p>C-13171 July 13, 2018</p> | <p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-II Locomotive Electronics & Train Consist System Architecture, Locomotive Data Acquisition and Recording System (LDARS) - Common File Format Standard, Standard S-9101G.V1.0.</p> <p>Summary: Standard S-9101G.V1.0 specifies Common File Format Standard for the industry event file (IEF). The purpose of the common file format is to address the need for greater inter-operability and to promote the reduction in the amount of equipment needed to obtain FRA-required data from a Locomotive Data Acquisition and Recording System (LDARS).</p> <p>Implementation Date: Standard S-9101G.V1.0 was Adopted July 2018 and is attached to this circular in PDF format. It will be incorporated in the next issue of the MSRP, Section K-II Locomotive Electronics & Train Consist System Architecture.</p> | <p>Car Type: Railroad Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section K-II is a required publication for your location, Insert this Circular in your copy of the MSRP Section K-II.</p> |
| <p>C-13172 July 17, 2018</p> | <p>Subject: Version 18.2 of the Car Repair Billing Procedures Manual is Available.</p> <p>Summary: The latest manual is Version 18.2, and is available at https://www.railinc.com/rportal/car-repair-billing-data-exchange. Major changes included in Version 18.2 are noted within this circular.</p> <p>Implementation Date: Car Repair Billing Procedures Manual to become effective following the July 2018 CRB Data Exchange run process.</p> | <p>Car Type: Freight</p> <p>Car Owner: Yes</p> <p>Repair Shop: Yes</p> <p>Comments: It is recommended that this information be shared with all Car Repair Billing and IT personnel in your company that work with or are responsible for Car Repair Invoices submitted to and/or received from Railinc's Data Exchange.</p> |

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| C-13173 July 17, 2018 | <p>Subject: Implementation of Editorial Revisions to MSRP Section E, Brakes and Brake Equipment, Standard S-400, Brake Equipment—Installation Specifications, Change to Figure references.</p> <p>Summary: This circular letter is to notify the industry of editorial revisions to E, Brakes and Brake Equipment, Standard S-400, Brake Equipment—Installation Specifications, to remove duplicate figures contained in other standards.</p> <p>Implementation Date: The revised Standard S-400 is now implemented and effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section E.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: If Section E is a required publication for your location, be sure to update it with the new Standard S-400.</p> |
| C-13174 July 23, 2018 | <p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-IV Railroad Electronics Messaging Standards, Centralized Train Control (CTC) Over Interoperable Train Control Management (ITCM)-Interface Control Document, Standard S-9375.V1.0.</p> <p>Summary: Standard S-9375.V1.0 describes the messaging interface between a Centralized Traffic Control (CTC) Wayside Device Controller (WDC) and a CTC Office Gateway (OG).</p> <p>Implementation Date: Standard S-9375.V1.0 was Adopted July 2018 and is attached to this circular in PDF format. It will be incorporated in the next issue of the MSRP, Section K-IV Railroad Electronics Messaging Standards. .</p> | <p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section-IV is a required publication for your location, insert the Circular in your copy of the MSRP Section K-IV and be governed accordingly</p> |
| C-13177 July 24, 2018 | <p>Subject: Implementation of Editorial Revisions to MSRP Section S, Casting Details, Specification M-213, Truck Frames Fabricated Steel, Regarding Updates to the Governing Committee and Material Specification.</p> <p>Summary: This circular letter is to notify the industry of editorial revisions to MSRP Section S, Casting Details, Specification M-213, Truck Frames Fabricated Steel. References to the Brake Systems Committee have been updated throughout the document to correctly show Coupling System and Truck Castings Committee (CSTCC) as the governing committee. One reference to ASTM A-441 has been updated to ASTM A-572 which superseded A-441.</p> <p>Implementation Date: The revised Specification M-213 is now implemented and effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section S.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section S is a required publication, be sure to update your copy with the revised M-213.</p> |

| Circular No. | Subject and Summary | Impact Statement |
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| <p>CPC-1336 July 27, 2018</p> | <p>Subject: Final Action, Update to revision to MSRP Section C Part III, M-1002, Specifications for Tank Cars, Chapter 2.</p> <p>Summary: This is the final action on revisions affecting Chapter 2 of the AAR Manual of Standards and Recommended Practices (MSRP), Section C, Part III, Specifications for Tank Cars (M-1002). These revisions address requirements for free interchange tank cars used for the transportation of materials toxic-by-inhalation ("TIH") products. This is an update to CPC-1325 changing the implementation date of paragraph 2.8.1 from July 1, 2023, to December 31, 2027.</p> <p>Implementation Date: <u>2.8 Tank Cars Transporting TIH</u> 2.8.1 After December 31, 2027, all tank cars used to transport products classified as TIH must comply with the requirements for tank cars built on or after March 16, 2009 (see 49 CFR 173.244 (a)(2), 173.314 (c) Note (12), 179.16 (c)(1), and 179.102-3 for cars marked DOT, or TP-14877 paragraph 10.5.1.2 for cars marked TC). 2.8.2 After July 1, 2019, all tank cars used to transport products classified as TIH, manufactured from carbon steel plate, must have tank heads and shells constructed of normalized material.</p> | <p>Car Type: Tank</p> <p>Car Owner: Yes</p> <p>Repair Shop: No</p> <p>Comments: This action addresses the timeframe for requiring the transportation of TIH material in the package specified in 49 CFR 179.102-3 for cars marked "DOT" and in TP-14877, paragraph 10.5.1.2, for cars marked "TC." This activity will supersede CPC-1325 dated April 7, 2017.</p> <p>If Section C-III is a required publication for your facility, download the attachment to this circular and update Section C-III.</p> |
| Changes Pending 30-Day Comment Period from Date of Circular | | |
| <p>C-13175 July 24, 2018</p> | <p>Subject: Solicitation of Comments for Revisions to MSRP Section G-II, Wheel and Axle Manual, S-659, Wheel Storage, Mounting Entry Spike and Minor Anomaly Definitions.</p> <p>Summary: This circular letter is to solicit comments for proposed revisions to MSRP Section G-II, Wheel and Axle Manual, S-659, revision to define minor anomalies and entry spike. Section 1.7.10 contains duplicate information found in 1.4.11 and is being removed.</p> <p>Implementation Date: All comments received within 30 days of the issuance of this circular will be considered by the WABL Committee prior to final action on the revisions which are the subject of the comments.</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: The proposed revisions do not have costs associated with implementation.</p> |
| <p>C-13176 July 24, 2018</p> | <p>Subject: Solicitation of Comments for Revisions to MSRP Section S, Casting Details, Specification M-202, Truck Bolsters Cast or Structural – Design and Testing, Regarding Updated Failure Criteria for Dynamic Tests.</p> <p>Summary: this circular letter is to solicit comments for revisions proposed to Section S, Specification M-202, Truck Bolsters Cast or Structural – Design and</p> | <p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: The proposed changes are highlighted with change bars in file M-</p> |

| Circular No. | Subject and Summary | Impact Statement |
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| | <p>Testing, regarding updated test requirements and revised failure criteria for dynamic fatigue tests. Refer to this circular for a listing of the proposed revisions.</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 taking action.</p> | <p>202.20180713.pdf attached to this circular. This file replaces M-202 in its entirety.</p> |
| General Information for the Industry | | |
| <p>C-13169 July 18, 2018</p> | <p>Subject: Informational Circular, Revisions to MSRP Section F, Sensors, Standard S-6004, Data Summary-TADS, and S-6005, Data Summary-RAILBAM.</p> <p>Summary: The purpose of this circular is to inform the industry of changes to two data summary standards.</p> <p>Implementation Date: The planned date of implementation is August 9, 2018.</p> | <p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: The changes are being brought to allow for Acoustic Bearing Detector (ABD) alerts beginning December 2018. The alert creation will require knowing which readings came from validated sites.</p> |
| <p>C-13178 July 27, 2018</p> | <p>Subject: Announcement - Town Hall Meeting Car Repair Rates.</p> <p>Summary: On June 20, 2018 Circular Letter C-13157 was sent announcing Town Hall Meetings on Car Repair Rates in Chicago, IL on July 11, 2018 and St. Louis, MO in early September. The date for Town Hall in St. Louis, MO has been set and the details are as follows: Wednesday September 5, 2018, 9:00 AM to 11:00 AM. Marriott St. Louis Airport (https://www.marriott.com/hotels/travel/stlap-marriott-st-louis-airport/). 10700 Pear Tree Lane, St. Louis, MO 63134</p> <p>Implementation Date: Those planning to attend the Town Hall in St. Louis are asked to register with Peggy Kinzey of our staff at PKinzey@aar.org, by Friday August 31, 2018. Hotel accommodations are the individual's responsibility. AAR will not arrange for any room blocks.</p> | <p>Car Type: Freight</p> <p>Car Owner: Yes</p> <p>Repair Shop: No</p> <p>Comments: The content for the Town Hall in St. Louis will be the same content presented in Chicago, varied only by the questions and comments presented by the audience. Members of the AAR's Arbitration and Rules Committee will be in attendance to hear all comments.</p> |
| <p>C-13179 July 31, 2018</p> | <p>Subject: Fall 2018 AAR Technical Committee Meeting Schedule.</p> <p>Summary: AAR meetings that have been planned for the second half of 2018 are listed within this circular letter.</p> <p>Implementation Date: The meeting schedule represents the regular "full" committee meetings planned for the 2nd half of 2018. Monthly committee teleconferences and special meetings are not listed.</p> | <p>Car Type: Industry Information</p> <p>Car Owner: Possible</p> <p>Repair Shop: Possible</p> <p>Comments: Contact the staff person listed above if you have an item you wish to have considered by a committee.</p> |