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To: Distribution List

Subject: August 2019 AAR Circular Letter Summary

The August 2019 summary includes the (18) 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
Implemented Changes, Effective the Date of Circular		
C-13391 Aug 9, 2019	<p>Subject: Implementation of Revisions to Figures 35, 37, 101-A, 101-B and 112-A – Section 5 of the AAR Open Top Loading Rules Manual (OTLR).</p> <p>Summary: The AAR’s Open Top Loading Rules Committee (OTLRC) has approved revisions to Section 5 OTLR manual for Figures 35, 37, 101-A,101-B and 112-A.</p> <p>Implementation Date: The implementation of these revisions is effective immediately and will be included in the next edition of the OTLR manual. Insert the circular attachments for Figures 35, 37, 101-A, 101-B and 112-A in your Section 5 copy.</p>	<p>Car Type: Gondola</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Carriers are asked to ensure that copies of this circular letter are distributed to all concerned shippers and railroad personnel for their attention and guidance.</p>
C-13392 Aug 9, 2019	<p>Subject: Implementation of Revisions to Figure 25 and Figure 27 – Section 5 of the AAR Open Top Loading Rules Manual (OTLR).</p> <p>Summary: The AAR’s Open Top Loading Rules Committee (OTLRC) has approved revisions to Section 5 OTLR manual - Figure 25 and Figure 27.</p>	<p>Car Type: Gondola</p> <p>Car Owner: No</p> <p>Repair Shop: No</p>

Circular No.	Subject and Summary	Impact Statement
	<p>Implementation Date: The implementation of these revisions is effective immediately and will be included in the next edition of the OTLR's manual. Insert the circular attachments for Figure 25 and Figure 27 in your Section 5 copy.</p>	<p>Comments: Carriers are asked to ensure that copies of this circular letter are distributed to all concerned shippers and railroad personnel for their attention and guidance.</p>
<p>C-13393 Aug 9, 2019</p>	<p>Subject: Implementation of Revision to General Rule 21 – Section 1 of the AAR Open Top Loading Rules Manual (OTLR).</p> <p>Summary: The AAR's Open Top Loading Rules Committee (OTLRC) has approved revision to Section 1 OTLR manual - General Rule 21.</p> <p>Implementation Date: The implementation of this revision is effective immediately and will be included in the next edition of the OTLR's manual. Insert the circular attachment for General Rule 21 in your Section 1 copy.</p>	<p>Car Type: Gondola</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Carriers are asked to ensure that copies of this circular letter are distributed to all concerned shippers and railroad personnel for their attention and guidance.</p>
<p>C-13394 Aug 11, 2019</p>	<p>Subject: AAR Manual of Standards and Recommended Practices (MSRP). Section K-IV Office Architecture and Railroad Electronics Messaging, Railroad Electronics Standards Committee (RESC) Data Dictionary, S-9353.V1.0.</p> <p>Summary: Standard S-9353.V1.0 provides the following: A common source that can be used for interpreting the content of messages. Reducing and ideally eliminating, the duplication of different data elements that convey the same information Maximizing standardization. Allowing for the use of self-describing messages that enable future extension of a message without negative impact of legacy consumers.</p> <p>Implementation Date: Standard S-9353.V1.0 was Adopted in 2019 and is attached to this Circular in PDF format. It will be incorporated in the next issue of the MSRP, Section K-IV Office Architecture and Railroad Electronics Messaging. Insert the Circular in your copy of the MSRP Section K-IV.</p>	<p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section K-IV is a required publication for your facility, be sure to update it with the revised Standard S-9353.</p>
<p>C-13395 Aug 11, 2019</p>	<p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-IV Office Architecture and RR Electronics Messaging, Locomotive Interface Gateway (LIG) Positive Train Control (PTC) Interface Control Document (ICD), Standard S-9365.V3.0.</p> <p>Summary: Standard S-9365.V3.0 describes the interface between the locomotive interface gateway (LIG) and the positive train control (PTC) application. The document also provides specifications for the Class C messages generated by the LIG that are intended for PTC use.</p> <p>Implementation Date: Standard S-9365.V1.0 was Adopted in 2012, S-9365.V3.0 Revised and Implemented in August 2019 and is attached to this Circular in PDF format. It will be incorporated in the next issue of the MSRP, Section K-IV Office Architecture and Railroad Electronics Messaging. Insert the Circular in your copy of the MSRP Section K-IV.</p>	<p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: If Section K-IV is a required publication for your facility, be sure to update it with the revised Standard S-9365.</p>

Circular No.	Subject and Summary	Impact Statement
C-13396 Aug 12, 2019	<p>Subject: Implementation of Editorial Revisions to MSRP Section H-II, Roller Bearing Manual, S-723, Update of Bearing Production Status and Service Limit Charts.</p> <p>Summary: The purpose of this circular letter is to notify the industry of editorial revisions to Section H-II, Roller Bearing Manual, S-723, revision to the bearing production status figure and insertion of the ILJIN service limit chart.</p> <p>Implementation Date: The revised Standard S-723 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: Yes</p> <p>Comments: If Section H-II is a required publication for your facility, be sure to update it with the new edition of S-723.</p>
C-13397 Aug 12, 2019	<p>Subject: Revisions to MSRP Section H, Journal Bearings and Lubrication, M-934, M-934E, M-942, and M-959, Ambient Testing Temperature, Grease Corrosion Resistance, Approved Seal Updates, and Seal Testing.</p> <p>Summary: The purpose of this circular letter is to notify the industry of revisions to MSRP Section H, Journal Bearings and Lubrication, M-934, M-934E, M-942, and M-959, adjusting all ambient testing temperatures to be the same, updates to the grease corrosion resistance requirement, the AAR-approved seals, and the seal testing requirement.</p> <p>Implementation Date: M-934, M-934E, M-942, and M-959 are now implemented and effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section H.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: If Section H is a required publication for your facility, be sure to update it with the new editions of M-934, M-934E, M-942, and M-959.</p>
C-13399 Aug 13, 2019	<p>Subject: Implementation of Revisions to MSRP Section C, Car Construction Fundamentals and Details, Standard S-2034, Car Builder Certification, Editorial Revisions.</p> <p>Summary: The purpose of this Circular Letter is to notify the industry of editorial revisions to Section C, Car Construction Fundamentals and Details, Standard S-2034, Car Builder Certification.</p> <p>Implementation Date: Revised Standard S-2034, attached, includes change bars to denote modified sections. It is now implemented and effective immediately.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section C.</p>
C-13400 Aug 26, 2019	<p>Subject: Implementation of Revisions to MSRP Section N, Specification M-970, Appendix A Auto Rack Condition Scoring Procedures.</p> <p>Summary: The Specially Equipped Freight Car Committee has made an editorial revision to Specification M-970, Appendix A Auto Rack Condition Scoring Procedures, original M-970 Appendix A 3.0.</p> <p>Implementation Date: Changes to MSRP Section N, Specification M-970 are now implemented and effective immediately and will be incorporated in the next issue of MSRP Section N. Insert the circular attachment into your copy of MSRP Section N.</p>	<p>Car Type: Auto Rack</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Questions should be directed to Mr. David Hendrixon, Manager, Specially Equipped Freight Car Committee at TTCI via email at David_Hendrixon@aar.com.</p>

Circular No.	Subject and Summary	Impact Statement
C-13401 Aug 28, 2019	<p>Subject: Implementation of Editorial Revisions to MSRP Section E – Brakes and Brake Equipment, Standards: S-461, S-462, S-463, and S-464 to Better Clarify the Purpose of the Test Rack Standards.</p> <p>Summary: this circular letter is to notify the industry of editorial revisions to MSRP Section E – Brakes and Brake Equipment, Standards, Standards: S-461, S-462, S-463, and 464.</p> <p>Implementation Date: The revised Standards are 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 facility, be sure to update your manual with the attachments to this circular.</p>
C-13402 Aug 30, 2019	<p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-II Locomotive Electronics and Train Consist System Architecture, Locomotive Command and Control Module (LCCM) - Functional Requirements Specification M-9155.V2.4.</p> <p>Summary: Specification M-9155.V2.4 describes functional requirements in sufficient detail and accuracy to support technical proposals to develop an LCCM standalone device or to develop the LCCM function as part of the OEM locomotive control system.</p> <p>Implementation Date: Specification M-9155.V2.0 was adopted in 2015, M-9155.V2.4 Revised and Implemented in August 2019 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 and Train Control System Architecture.</p>	<p>Car Type: Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Questions should be directed to Melody Sheahan, AAR, 425 Third Street SW Suite 1000, Washington, DC 20024, phone 202-639-2146 or email msheahan@aar.org.</p>
C-13403 Aug 30, 2019	<p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-II Locomotive Electronics and Train Consist System Architecture, Locomotive Electronics System Architecture Standard S-9101.V1.2</p> <p>Summary: Standard S-9101.V1.2 specifies an industry standard architecture that defines the conventions for integrating electrical and electromechanical devices a board new road locomotives.</p> <p>Implementation Date: Standard S-9101.V1.0 was Adopted in 2012, S-9101.V1.2 Revised and Implemented in August 2019 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 and Train Consist System Architecture.</p>	<p>Car Type: Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Questions should be directed to Melody Sheahan, AAR, 425 Third Street SW Suite 1000, Washington, DC 20024, phone 202-639-2146 or email msheahan@aar.org.</p>
C-13404 Aug 30, 2019	<p>Subject: AAR Manual of Standards and Recommended Practices (MSRP), Section K-II Locomotive Electronics and Train Consist System Architecture, Standard S-9101 Appendix F.</p> <p>Summary: Standard S-9101 Appendix F is external content to the requirements in AAR Standard S-9101, "Locomotive Electronics System Architecture." It identifies the static IP addresses assigned to the required subsystems identified in Standard S-9101, paragraph 4.4, "Locomotive Application (LAPP) Segment" Table 4.2.</p> <p>Implementation Date: Standard S-9101 Appendix F Revised and Implemented in August 2019 and is accessible through the link/URL</p>	<p>Car Type: Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Questions should be directed to Melody Sheahan, AAR, 425 Third Street SW Suite 1000, Washington, DC 20024, phone 202-639-2146 or email msheahan@aar.org.</p>

Circular No.	Subject and Summary	Impact Statement
	in the "External Content" section of your copy of S-9101. It will be incorporated in the next issue of the MSRP, Section K-II Locomotive Electronics and Train Consist System Architecture.	
Changes Pending 30-Day Comment Period from Date of Circular		
C-13388 Aug 1, 2019	<p>Subject: Solicitation of Comments for Revisions to MSRP Section D (Trucks and Truck Details), Specifications M-976 Truck Performance for Rail Cars. Addition of Traction Ratio Test.</p> <p>Summary: The purpose of this circular letter is to solicit comments for revisions proposed to MSRP Section D (Trucks and Truck Details), Specification M-976 Truck Performance for Rail Cars. The curve and tangent rolling resistance test in paragraph 4.1.2.2 has been replaced with a new test method, the "traction ratio" test. Changes are highlighted with change bars in the attached draft.</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 taking action.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No, New car, yes</p> <p>Comments: The proposed version of M-976 also includes use of the AAR 2A Wide Flange wheel profile on all tests, including the proposed traction ratio test and the hunting tests. Use of the 2A Wide Flange wheel will require changes to M-1001 (Car Construction Fundamentals and Details) Chapter 11 Service-Worthiness Tests and Analyses for New Freight Cars, the circular for which is forthcoming.</p>
C-13389 Aug 1, 2019	<p>Subject: Solicitation of Comments for Revisions to Circular 42, General Rules Covering Loading or Carload Shipments of Commodities in Closed Cars (DP&FC).</p> <p>Summary: The purpose of this circular letter is to solicit comments for revisions proposed to Circular 42, General Rules Covering Loading or Carload Shipments of Commodities in Closed Cars (DP&FC).</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 Damage Prevention and Freight Claim Committee prior to taking action.</p>	<p>Car Type: Railroads</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: Changes are marked with change bars in the attached file Circular 42-N. The attached file replaces Circular 42-M.</p>
C-13390 Aug 5, 2019	<p>Subject: Solicitation of Comments for Revisions to MSRP Section E, Brakes and Brake Equipment, Standard S-475, Hand Brakes, Sheave and Chain Connector Clarification and Removal of Duplicated Language</p> <p>Summary: This circular letter is to solicit comments for revisions proposed to Section E, Brakes and Brake Equipment, S-475, Hand Brakes, to add language and images for clarification of standard sheave wheel and chain connector requirements.</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 Brake Systems Committee prior to taking action.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Possible</p> <p>Comments: Interested parties should send your comments to AAR at the direction noted within this circular.</p>
C-13398 Aug 12, 2019	<p>Subject: Solicitation of Comments for Revisions to MSRP Section B, Freight Car Draft Components, Specification M-921B Cushioning Devices, End-of-Car, Addition of New Requirements.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p>

Circular No.	Subject and Summary	Impact Statement
	<p>Summary: The purpose of this circular letter is to solicit comments for revisions proposed to MSRP Section B, Freight Car Draft Components, Specification M-921B Cushioning Devices, End-of-Car.</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 Equipment Engineering Committee prior to taking action.</p>	<p>Repair Shop: Yes</p> <p>Comments: Attached to this circular is a draft of the proposed revision. In addition to the changes listed above, the entire Specification has been fully edited for clarity. Modified sections are denoted with change bars.</p>
General Information for the Industry		
<p>C-13384 Aug 22, 2019</p>	<p>Subject: Fall 2019 AAR Technical Committee Meeting Schedule.</p> <p>Summary: AAR meetings that have been planned for the second half of 2019 are listed within this circular letter.</p> <p>Implementation Date: AAR Meeting Announcements can also be found online on the TTCI Technical Services web page: http://www.aar.com/standards/AARMeetingAnnouncements.html.</p>	<p>Car Type: Industry Information</p> <p>Car Owner: If interested</p> <p>Repair Shop: If interested</p> <p>Comments: The schedule represents the regular "full" committee meetings planned for the second half of 2019. Monthly committee teleconferences and special meetings are not listed. Contact the staff person listed above if you have an item you wish to have considered by a committee.</p>