



Thomas E. DeLafosse
 Vice President
 Watco Supply Chain Services
 Engineering and Regulatory Consulting
 114 Timberlake Drive
 Greenback, TN 37742-2304
 630.512.7595
 tdelafosse@watcosupplychain.com

To: Distribution List

Subject: August 2016 AAR Circular Letter Summary

The August 2016 summary includes the (8) 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, contact Kathy Trujillo at 719.584.0538.

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 tdelafosse@watcosupplychain.com.

Circular No.	Subject and Summary	Impact Statement
C-12702 Aug. 8, 2016	<p>Subject: Registration Open for the 2017 AAR Quality Assurance Auditor and Industry Conference.</p> <p>Summary: The Association of American Railroads Quality Assurance Committee (QAC) is pleased to announce The 29th Annual AAR Quality Assurance Auditor and Industry Conference to be held January 31 to February 3, 2017 in New Orleans, Louisiana. The Conference is conducted as part of QAC’s mission to ensure that AAR auditors perform consistently and continually increase their auditing knowledge. Industry personnel may want to attend this conference if interested in expanding their AAR QA knowledge and understanding more about how AAR auditors are trained.</p> <p>Implementation Date: Refer to circular for registration information.</p>	<p>Car Type: Industry Information</p> <p>Car Owner: Possible</p> <p>Repair Shop: Possible</p> <p>Comments: All participants are invited to attend the first 2 days of the conference (Tuesday and Wednesday). A workshop on how to write a QA Manual will be offered Thursday morning for those that register. The remainder of the conference is private and will be filled with AAR Auditor specific training and a closed QAC meeting. The conference is scheduled as follows:</p> <ul style="list-style-type: none"> · Tuesday, January 31 (All Day) – Open Session: All Interested Parties · Wednesday, February 1 (All Day) – Open Session: All Interested Parties · Thursday, February 2 (Morning) –

Circular No.	Subject and Summary	Impact Statement
		Workshop on How to write a QA Manual: Registered Parties.
<p>C-12703 Aug. 8, 2016</p>	<p>Subject: Reminder: Registration is Now Open for the Remaining 2016 AAR M-1003 Quality Assurance Training Courses: Root Cause Analysis Class, Basic Auditor Training Class, and Advanced Auditor Training Class.</p> <p>Summary: The Association of American Railroads (AAR) Quality Assurance Committee has scheduled the following Quality Assurance Training classes. Interested parties are encouraged to enroll promptly as classes tend to fill quickly and acceptance is based on a first-come first-served basis.</p> <ul style="list-style-type: none"> · M-1003 Root Cause & Corrective Action, September 20-21 in Omaha, NE · M-1003 Basic Auditor Training, September 27-29 in Kansas City, KS · M-1003 Advanced Auditor Training, November 8-10 in Wilmington, DE <p>Implementation Date: Refer to circular for registration information.</p>	<p>Car Type: Industry Information</p> <p>Car Owner: Possible</p> <p>Repair Shop: Possible</p> <p>Comments: Who Should Attend?</p> <ul style="list-style-type: none"> · Any individual requiring a working knowledge and understanding of M-1003 Specification · Quality Professionals/Consultants · Quality Managers and Supervisors · Internal organization M-1003 Coordinators/Management Representatives
<p>C-12704 Aug. 23, 2016</p>	<p>Subject: New Circular Release: Implementation of Changes to MSRP, Section K-II, Specification M-9155.V2.2, Locomotive Command and Control Module (LCCM) – Functional Requirements.</p> <p>Summary: The Railway Electronics Standards Committee (RESC) of the Association of American Railroads (AAR) is publishing revised Specification M-9155.V2.2, Locomotive Command and Control Module (LCCM) – Functional Requirements. This revision is effective with the issuance of this Circular Letter.</p> <p>Implementation Date: M-9155 has been attached for use.</p>	<p>Car Type: Locomotives</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: The locomotive engineer requires the capability to use the energy management system to automatically control the throttle, dynamic brake, and asynchronous control of the distributed power system. This capability is referred to as Auto Control. The system is expected to be enhanced to include the control of automatic and independent air brake and engine controls (e.g., isolate, engine start/stop) with the goal of providing automation of movement from zero speed start to zero speed stop. This capability is referred to as Autopilot. The system is expected to be further enhanced with remote operations capability to allow train operations with limited cab presence.</p>

Circular No.	Subject and Summary	Impact Statement
<p>C-12705 Aug. 30, 2016</p>	<p>Subject: Implementation of MSRP Section C, Car Construction Fundamentals and Details, Standard S-2054, Clearance Diagram - Interface Between a Well Car and a Container Equipped with a Refrigerator/Heater Unit.</p> <p>Summary: On July 22, 2015, Circular Letter C-12422 was issued to solicit comments on a proposal to revise this Standard. The action taken was to further simplify the drawing and to recommend implementation of equivalent container related drawings in Section I of the MSRP. The new drawing in Section I is forthcoming.</p> <p>Implementation Date: The revised Standard S-2054 is now implemented effective immediately. This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section C. Insert the circular attachment into your copy of the MSRP and be governed accordingly.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: No</p> <p>Comments: The AAR Equipment Engineering Committee (EEC) has updated Standard S-2054 to better reflect the dimensions needed for well cars to accept a container equipped with a Nose Mounted Refrigerator/Heater Unit.</p>
<p>C-12706 Aug. 30, 2016</p>	<p>Subject: Implementation Editorial Changes to Figures 247, 267 and 285 – Section 2 AAR Open Top Loading Rules Manual (OTLR).</p> <p>Summary: The AAR’s Open Top Loading Rules Committee (OTLRC) has approved the editorial revisions to the Figures 247, 267 and 298 – Section 2 of the AAR Open Top Loading Rules. Drawings of items were deleted that are no longer in use and the item descriptions were adjusted to reflect the removal of those items. Notes 3 and 4 were revised to include a table of load weights and the appropriate number of items for the respective load weights. The table clarifies verbiage.</p> <p>Implementation Date: The implementation of this revision to Figure 247, 267 and 285, Section 2 is effective immediately and will be included in the next edition of the AAR’s OTLR Manual. Insert the circular attachments copy of Section 2 and be governed accordingly.</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-12707 Aug. 30, 2016</p>	<p>Subject: Implementation of Revision to General Rule 1.25 - Section 1 AAR Open Top Loading Rules Manual (OTLR).</p> <p>Summary: The Open Top Loading Rules Committee (OTLRC) has approved the revision to General Rule 1.2.5 of Section 1 of the Open Top Loading Rules manual.</p> <p>Implementation Date: The implementation of this addition to Section 1 Rule 1.2.5 is effective</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</p>

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	<p>immediately and will be included in the next edition of the AAR's OTLR Manual. Insert the circular into your copy of Section 1 and be governed accordingly.</p>	<p>guidance.</p>
<p>C-12708 Aug. 30, 2016</p>	<p>Subject: Implementation of Revised AAR Manual of Standards and Recommended Practices Section S Part III, Coupler and Yoke Details.</p> <p>Summary: The Association of American Railroads Coupling System and Truck Castings Committee is pleased to announce a new edition of the Manual of Standards and Recommended Practices, Section S-III, Coupler and Yoke Details.</p> <p>Implementation Date: The AAR Manual of Standards and Recommended Practices Section S-III, Coupler and Yoke Details, is now implemented effective immediately.</p>	<p>Car Type: Freight</p> <p>Car Owner: No</p> <p>Repair Shop: Yes</p> <p>Comments: If this is a required publication for your location, be sure to purchase a copy and update your Master Document List.</p>
<p>C-12709 Aug. 30, 2016</p>	<p>Subject: Implementation of new standard in MSRP Section E, Brakes and Brake Equipment, S-4046 Date Markings for Rubberized Components.</p> <p>Summary: The AAR Brake Systems Committee in cooperation with several rubber component manufactures implemented new standard S-4046, Date Markings for Rubberized Components. The purpose of this new standard is to outline the minimum marking requirements including dates on rubberized components when used in freight car brake systems.</p> <p>Implementation Date: Comments were solicited via C-12471. No comments were received therefore S-4046 is implemented effective immediately and will be incorporated into the next printing of MSRP Section E. Insert this attachment into the current version of 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 download the attachment to this circular and update your copy of Section E.</p>