Comprehensive Equipment Performance Monitoring

Presented By:
Steve Phebus
Chief Mechanical Officer - Cars
CSX Transportation, Inc.

- Industry initiative that will provide a means to identify major components on freight cars.
Rule 44 – Wheel Sets

New B.5

All wheel set replacements / transfers must be reported by the repairing party along with the applied wheel set AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the wheel set tag or may be obtained from Railinc for any wheel sets produced after July 2012. For any wheel set being transferred or for wheel sets produced prior to July 2012, the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

Sample Image of Wheel set Barcode tag

• The first component to be handled are wheel sets.
• July 1, 2012 all wheel set manufactures or re-conditioners are required to register wheel sets at Railinc
Rule 44 – Wheel Sets

FM Rule 44 Figure A page 355 to include a column for AAR Component ID, (two parts) Company Code and 10-digit number.

<table>
<thead>
<tr>
<th>Location on Car</th>
<th>QTY</th>
<th>CC</th>
<th>Job Code App</th>
<th>AAR Component ID</th>
<th>Why Made</th>
<th>Job Code</th>
<th>OFR Resp Code</th>
<th>Net Charge</th>
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TOTAL

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FM Rule 44.F.10
AAR Component ID
a. Show assigned AAR Component ID for the applied wheel set.

- Section F component repair rules has been adjusted to require the reporting of the CID code for registered components.
Rule 44 Job codes

Replace JC 3999 with JC 6999

6999—To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FN” for applied wheel set and report the applicable location.

- To properly report components but no specific job code exist, a new job code has been created for reporting components under Rule 72.
F.9 (New)

6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report applicable car part identification code as noted in the specific rules where the use of this job code is permitted. Report applicable location when required.

- The 6999 job code was added to Rule 72 with a generic description
• Figure A was revised to provide an example of the CID reporting on Billing Repair Card.
10. AAR Component ID must be reported when required by a specific rule.

- New paragraph 10 was added to the requirements for reporting CID when required by a specific Rule.
• CRB and ARB will review during the October meetings the CEPM requirements for casting components, couplers, side frames and bolsters.
Rules 16, 17 and 18 Couplers


All coupler replacements / transfers must be reported by the repairing party along with the applied coupler AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the coupler tag or may be obtained from Railinc for any coupler produced after (Month and Year). For any coupler being transferred or for coupler produced prior to (Month and Year), the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

New FM Rule 16, 17, 18 – F.10
AAR Component ID
a. Show assigned AAR Component ID for the applied coupler.

Proposed FM Rule 16, 17 and 18 Job codes

Add JC 6999
Rule 16, 17 AND 18 –
6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “HR” for applied wheel set and report the applicable location.
Proposed New FM 47.B.10
All bolster replacements / transfers must be reported by the repairing party along with the applied bolster AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the bolster tag or may be obtained from Railinc for any coupler produced after *(Month and Year)*. For any bolster being transferred or for bolsters produced prior to *(Month and Year)*, the AAR Component ID may be generated/acquired by performing a field registration at [www.railinc.com](http://www.railinc.com).

Purposed New FM Rule 47 – F.10
AAR Component ID
a. Show assigned AAR Component ID for the applied bolster.

Proposed FM Rule 47 Job codes

Add JC 6999
6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FF” for applied wheel set and report the applicable location.
**Proposed New FM 48.B.10**

All side frame replacements / transfers must be reported by the repairing party along with the applied side frame AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the side frame tag or may be obtained from Railinc for any side frame produced after (Month and Year). For any side frame being transferred or for side frames produced prior to (Month and Year), the AAR Component ID may be generated/acquired by performing a field registration at [www.railinc.com](http://www.railinc.com).

**New FM Rule 48 – F.10**

AAR Component ID

a. Show assigned AAR Component ID for the applied bolster.

**Proposed FM Rule 48 Job codes**

**Add JC 6999**

6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FJ” for applied wheel set and report the applicable location.
AAR Component ID (CID) - The AAR Component ID is found in the AAR standard bar code format and is used as the primary identifier in all industry databases. It is used to track critical components, as defined by the AAR. The AAR Component ID consists of a 4 character (or 4 byte) Company code and a 10 digit (or 10 byte) number. Combined, these unique 14 bytes are the standard AAR Component ID (for example: ABCD1234567890).

- A description of component ID was added to Appendix A - Office and Field Manual.
Along with the changes made to the field manual some administrative rule are purposed to change in the Office Manual.
Rules 16, 17 and 18

Proposed New OM 16.1, 17.1, 18.1
All coupler replacements / transfers must be reported by the repairing party along with the applied coupler AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event.

Purposed New OM Rule 93.12 – Train II and UMLER Reporting Procedures (January 2013)

12. All car owners, repair shops and repair tracks must ensure that the AAR Component IDs for couplers applied to freight cars are reported into UMLER. The AAR Component IDs must be in the form prescribed by the current UMLER Data Specification Manual and Railinc Car Repair Billing Procedures Manual and may be reported via the following:

• UMLER web site
• Repair web service
• EHMS website
• EHMS web service
• CRB 500 byte (Car Repair Billing) FTP
• CRB Web site

The instruction manuals for these applications can be accessed at www.railinc.com.

Effective 1/1/2013
Rule 44 – Wheel Sets

8. All wheel set replacements/transfers must be reported by the repairing party along with the applied wheel set AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event.

• If a car owner moves registered components to a different location on a freight car they must report the changes.

Effective 1/1/2013
Proposed New OM 47.1 (Re-number section)
All bolster replacements / transfers must be reported by the repairing party along with the applied bolster AAR Component ID to Railinc, reporting should be within 24 hours of the repair event

Effective 1/1/2013
Rule 48 Side Frames

Proposed New OM 48.1 (Re-number section)

All side frame replacements / transfers must be reported by the repairing party along with the applied side frame AAR Component ID to Railinc, reporting should be within 24 hours of the repair event.
Effective (January 2013)

11. All car owners, repair shops and repair tracks must ensure that the AAR Component IDs for wheelsets applied to freight cars are reported into UMLER. The AAR Component IDs must be in the form prescribed by the current UMLER Data Specification Manual and Railinc Car Repair Billing Procedures Manual and may be reported via the following:

- UMLER web site
- Repair web service
- EHMS website
- EHMS web service
- CRB 500 byte (Car Repair Billing) FTP
- CRB Web site

The instruction manuals for these applications can be accessed at www.railinc.com.
Questions / Comments