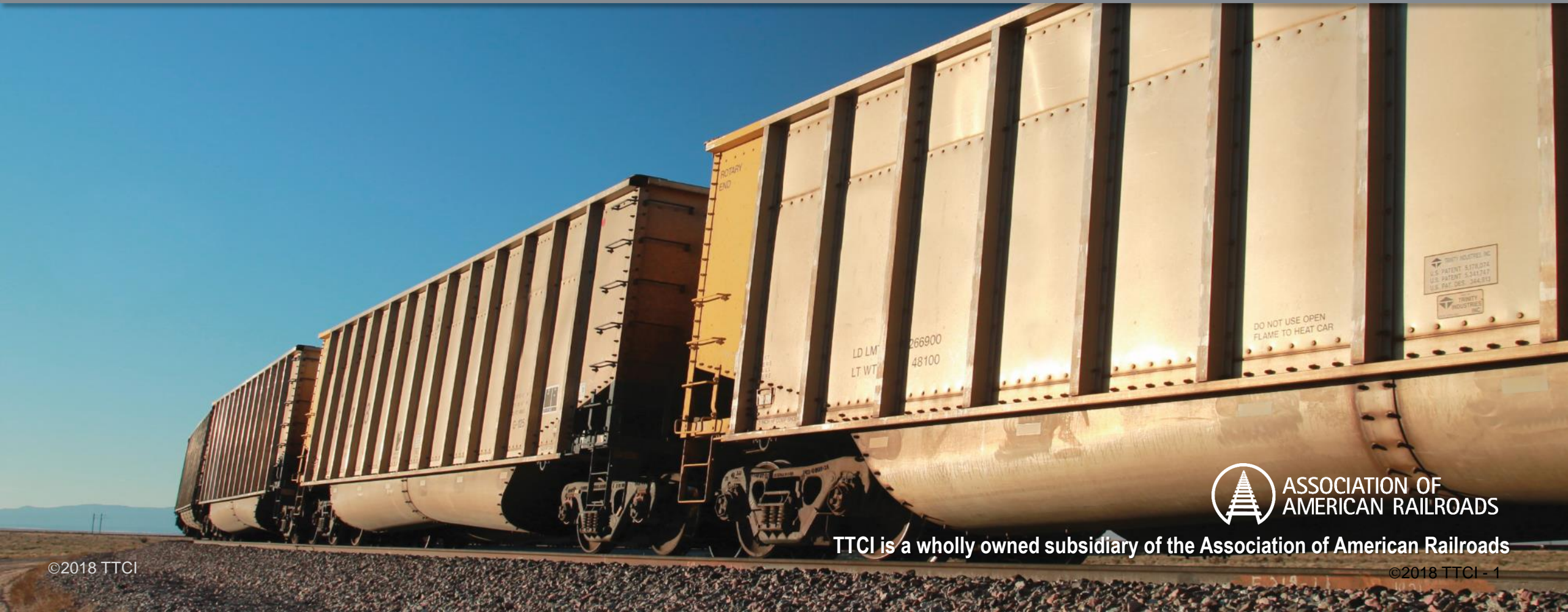TRANSPORTATION
TECHNOLOGY CENTER, INC.

ASSOCIATION OF
AMERICAN RAILROADS

TTCI is a wholly owned subsidiary of the Association of American Railroads

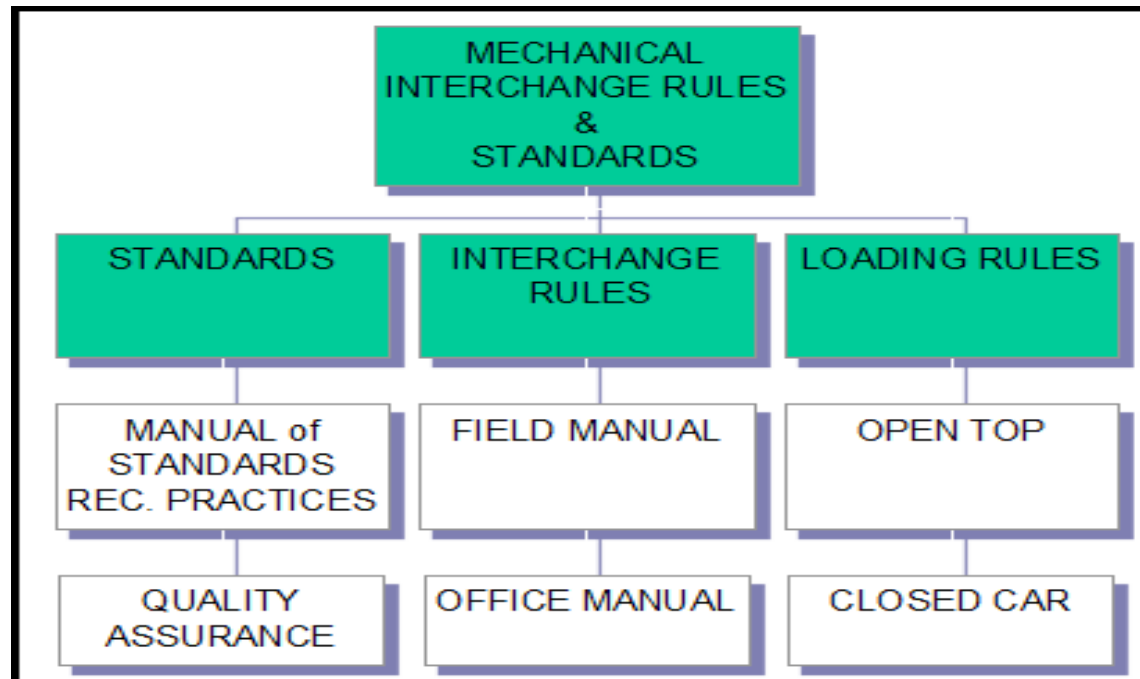# AAR Technical Standards Publications Software Development Program

Jon Hannafious

Senior Manager, Equipment Engineering Committee

Technical Standards

AAR Technical Standards Publications
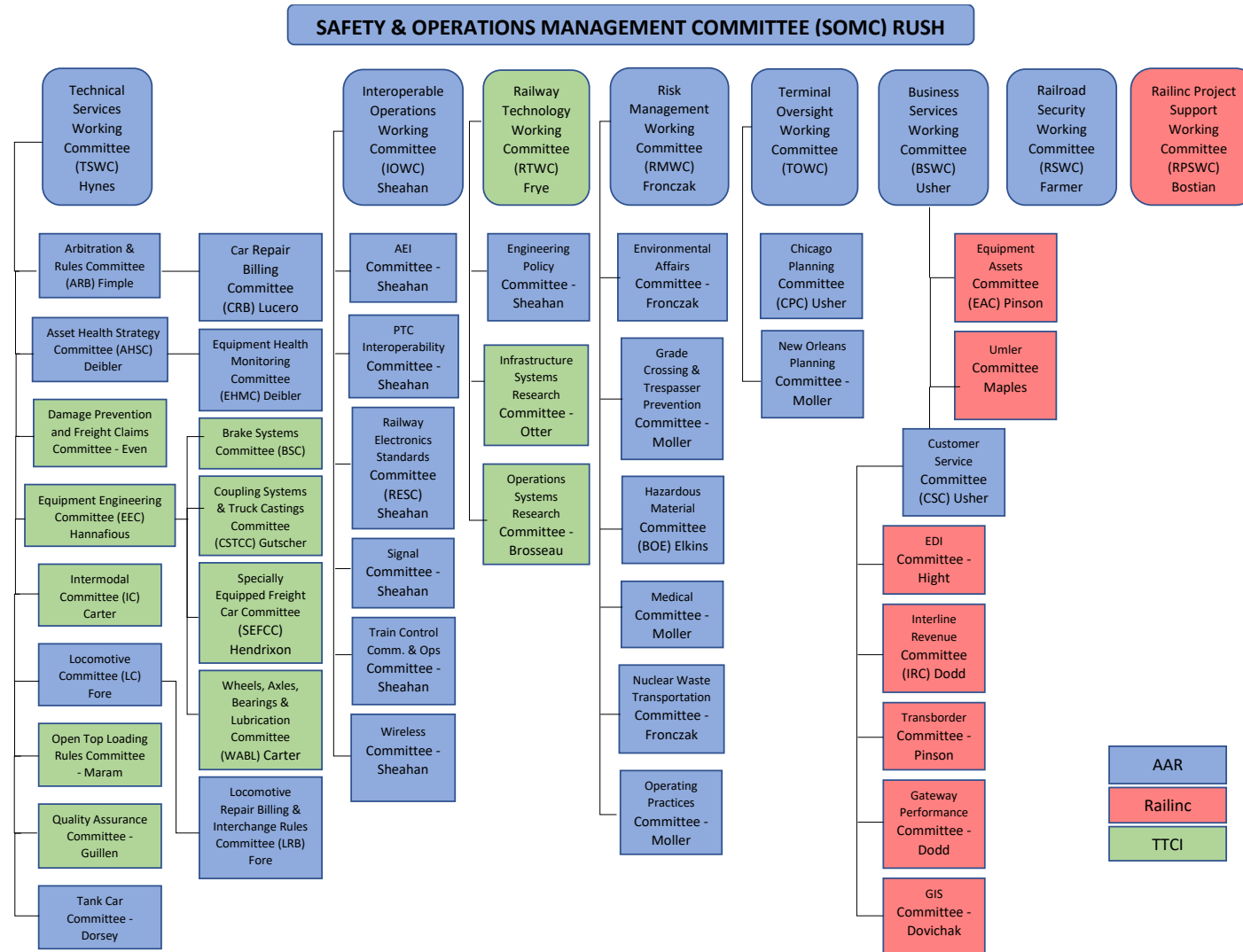## Brief Overview of Purpose and What is Available

- MSRPs
  - Facility/Component Requirements
  - Quality Assurance
- Interchange Rules
- Loading Rules

- Under the responsibility of AAR Rules and Technical Committees
- Managed by AAR and TTCI Staff under the AAR Safety and Operations Direction
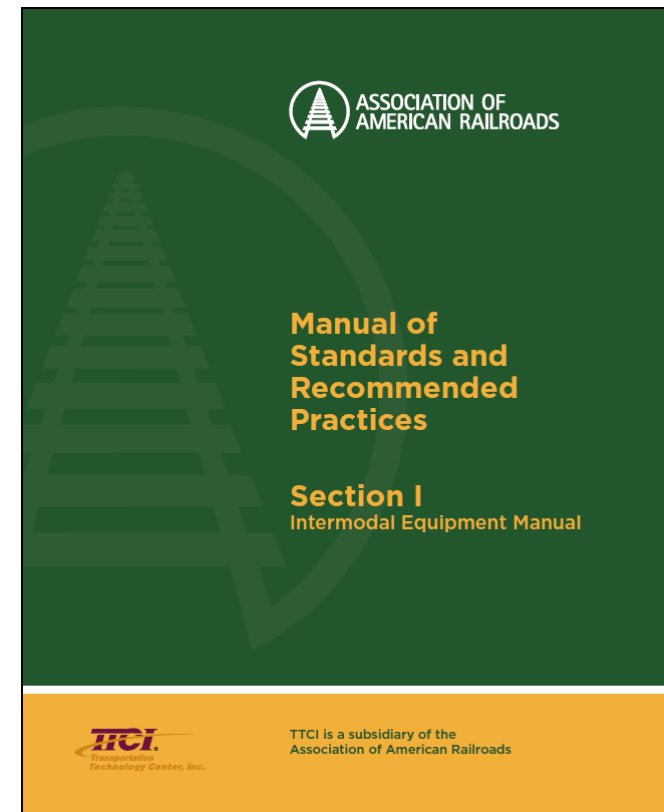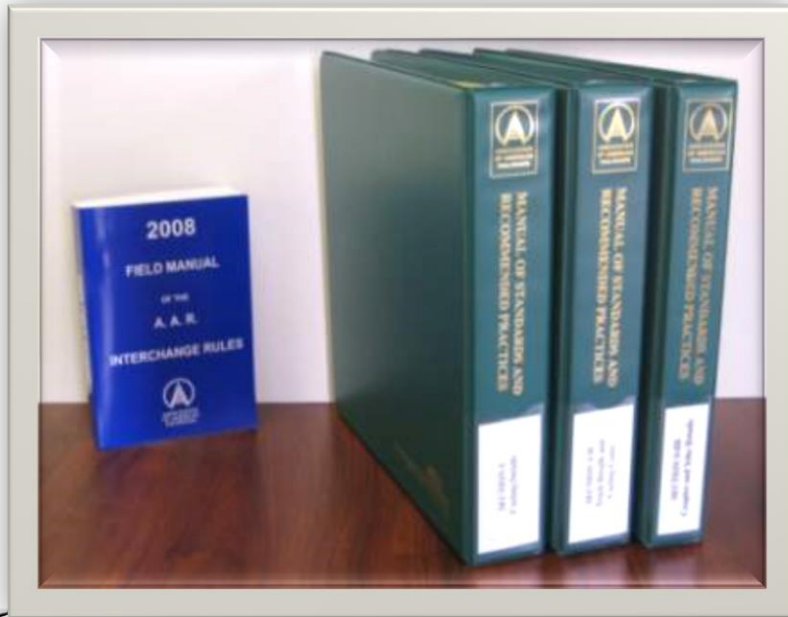
AAR Technical Standards Publications
Brief Overview of Purpose and What is Available

SAFETY & OPERATIONS MANAGEMENT COMMITTEE (SOMC) RUSH

- **Technical Services Working Committee (TSWC) Hynes**
  - Arbitration & Rules Committee (ARB) Fimple
  - Asset Health Strategy Committee (AHSC) Deibler
  - Damage Prevention and Freight Claims Committee - Even
  - Equipment Engineering Committee (EEC) Hannafious
  - Intermodal Committee (IC) Carter
  - Locomotive Committee (LC) Fore
  - Open Top Loading Rules Committee - Maram
  - Quality Assurance Committee - Guillen
  - Tank Car Committee - Dorsey
  - Car Repair Billing Committee (CRB) Lucero
  - Equipment Health Monitoring Committee (EHMC) Deibler
  - Brake Systems Committee (BSC)
  - Coupling Systems & Truck Castings Committee (CSTCC) Gutscher
  - Specially Equipped Freight Car Committee (SEFCC) Hendrixon
  - Wheels, Axles, Bearings & Lubrication Committee (WABL) Carter
  - Locomotive Repair Billing & Interchange Rules Committee (LRB) Fore

- **Interoperable Operations Working Committee (IOWC) Sheahan**
  - AEI Committee - Sheahan
  - PTC Interoperability Committee - Sheahan
  - Railway Electronics Standards Committee (RESC) Sheahan
  - Signal Committee - Sheahan
  - Train Control Comm. & Ops Committee - Sheahan
  - Wireless Committee - Sheahan

- **Railway Technology Working Committee (RTWC) Frye**
  - Engineering Policy Committee - Sheahan
  - Infrastructure Systems Research Committee - Otter
  - Operations Systems Research Committee - Brosseau

- **Risk Management Working Committee (RMWC) Fronczak**
  - Environmental Affairs Committee - Fronczak
  - Grade Crossing & Trespasser Prevention Committee - Moller
  - Hazardous Material Committee (BOE) Elkins
  - Medical Committee - Moller
  - Nuclear Waste Transportation Committee - Fronczak
  - Operating Practices Committee - Moller

- **Terminal Oversight Working Committee (TOWC)**
  - Chicago Planning Committee (CPC) Usher
  - New Orleans Planning Committee - Moller

- **Business Services Working Committee (BSWC) Usher**
  - Equipment Assets Committee (EAC) Pinson
  - Umler Committee Maples
  - Customer Service Committee (CSC) Usher
  - EDI Committee - Hight
  - Interline Revenue Committee (IRC) Dodd
  - Transborder Committee - Pinson
  - Gateway Performance Committee - Dodd
  - GIS Committee - Dovichak

- **Railroad Security Working Committee (RSWC) Farmer**

- **Railinc Project Support Working Committee (RPSWC) Bostian**

Legend:
- AAR (blue)
- Railinc (red)
- TTCI (green)

- Improved access (Electronic)
  - Devin Sammon, Project Manager

ASSOCIATION OF AMERICAN RAILROADS

Manual of Standards and Recommended Practices

Section I
Intermodal Equipment Manual

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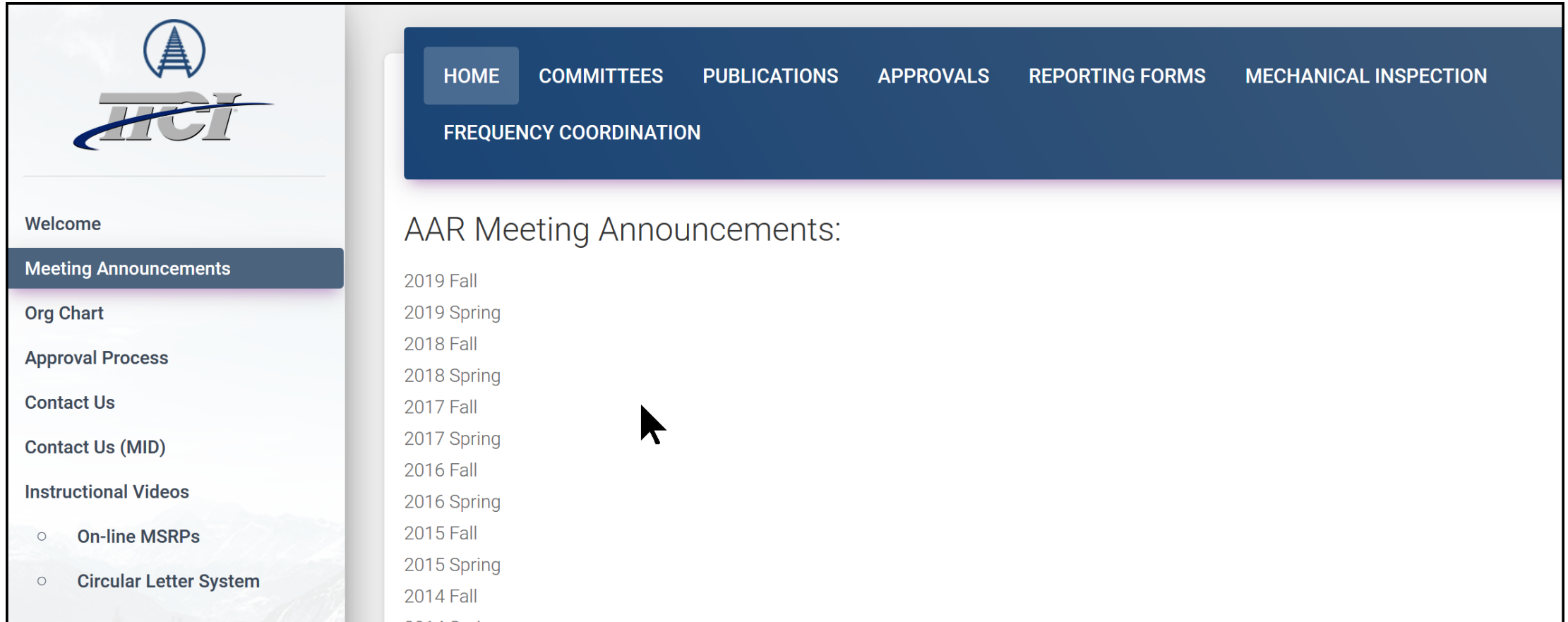
- Improvements Completed
  – Online OTLRs – Free (aar.org)
  – Online DPFCC Guildelines – Free (aar.com)
  – Online MSRPs (aar.org)
  – New CL System (aar.org)
  – Online QA Registration/Certification System
    ▪ Increasing functionality in process (aar.com)

- # Improvements Completed
  - TTCI Website (AAR.com, AAR Technical Services)
    - Rule 1 Gage Videos (Spanish versions coming)
    - CL and Online MSRP Instructional Videos
    - AAR Certification Instructions

- # Note: Committee meetings will commence earlier in 2020
  - Quicker turnaround of yearly 2021 rule revisions should result

AAR Technical Standards Software Development Program

- Improvements Completed: aar.com (a Great Source)

New Publications Storefront
www.aarpublications.com

Electronic Field and Office Manuals

Electronic Interchange Rules Project

- Electronic version allows user to view and search the Interchange Rules

- English Interchange Rules available in January, 2020.

- Spanish Interchange Rules available January 2021
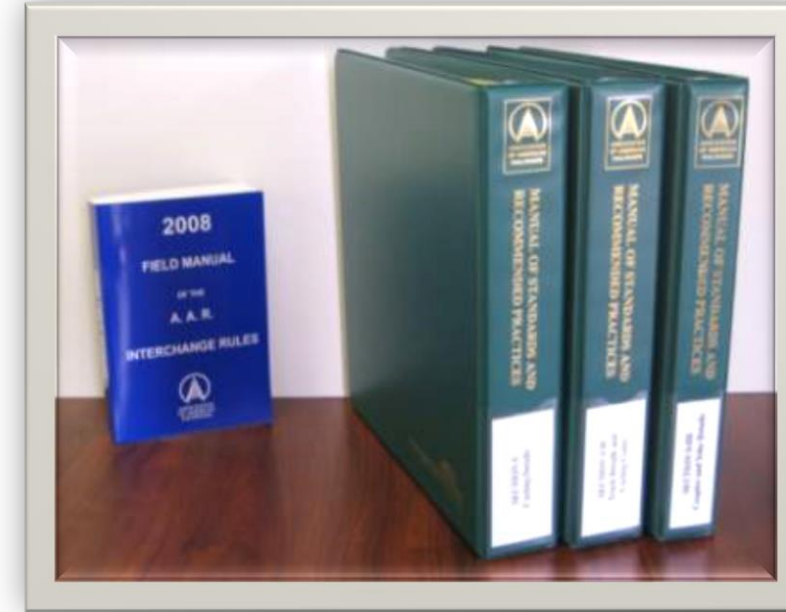
Electronic Field and Office Manuals

- Digital Rights Management (DRM) software manages and controls document sharing

- Licenses purchased per user per device

This is a protected PDF document.
You need to use Adobe Reader or Acrobat DC to open it.
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Additional Steps and Troubleshooting Tips

Disable Adobe global object security policy
This is often required for first-time users. To do this, open Adobe, click Edit > Preferences > JavaScript, uncheck the field Enable global object security policy, click OK.
Click 'Allow' on all communication prompts
This is required for authentication and is often only required for first-time users. If you accidentally clicked Do Not Allow or blocked the communication, see the next tip below.
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To do this, open Adobe, click Edit > Preferences > Trust Manager, click Change Settings, add host https://protectedpdf.com and click Allow.

Check here if you were provided an offline unlock code

Electronic Field and Office Manuals

- Index and search document electronically

- Color images available

- One license can be used on one device
  - computers, tablets, or handheld electronic

- Cannot copy images or text (screen capture only)
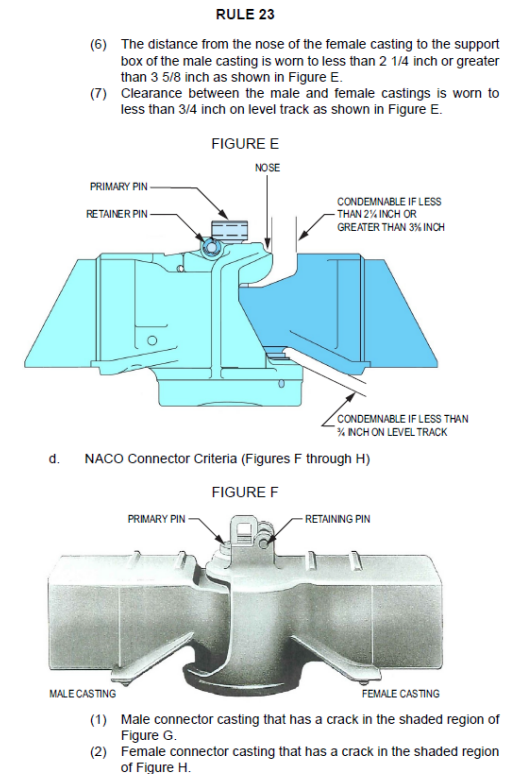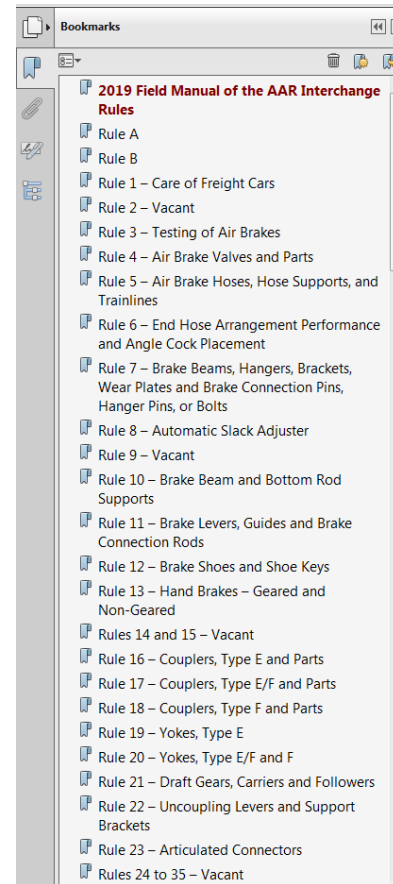
- In Process Systems
  - Circular Letter company-wide subscriptions
  - M-1002 tank car facility registration system
    - Ballots
    - Registration similar to QA
    - Is not C.o.C. at Railinc.
  - Technical standards approval system
    - Ballots facilities and products
  - Inspection management and scheduling system
    - Facility inspections and audits

www.aarpublications.com

Multiple User CL System

At the request of the AAB, the AAR has developed a Multiple User Circular Letter System option. An unlimited number of users within a company can use the system. This system is currently in development.
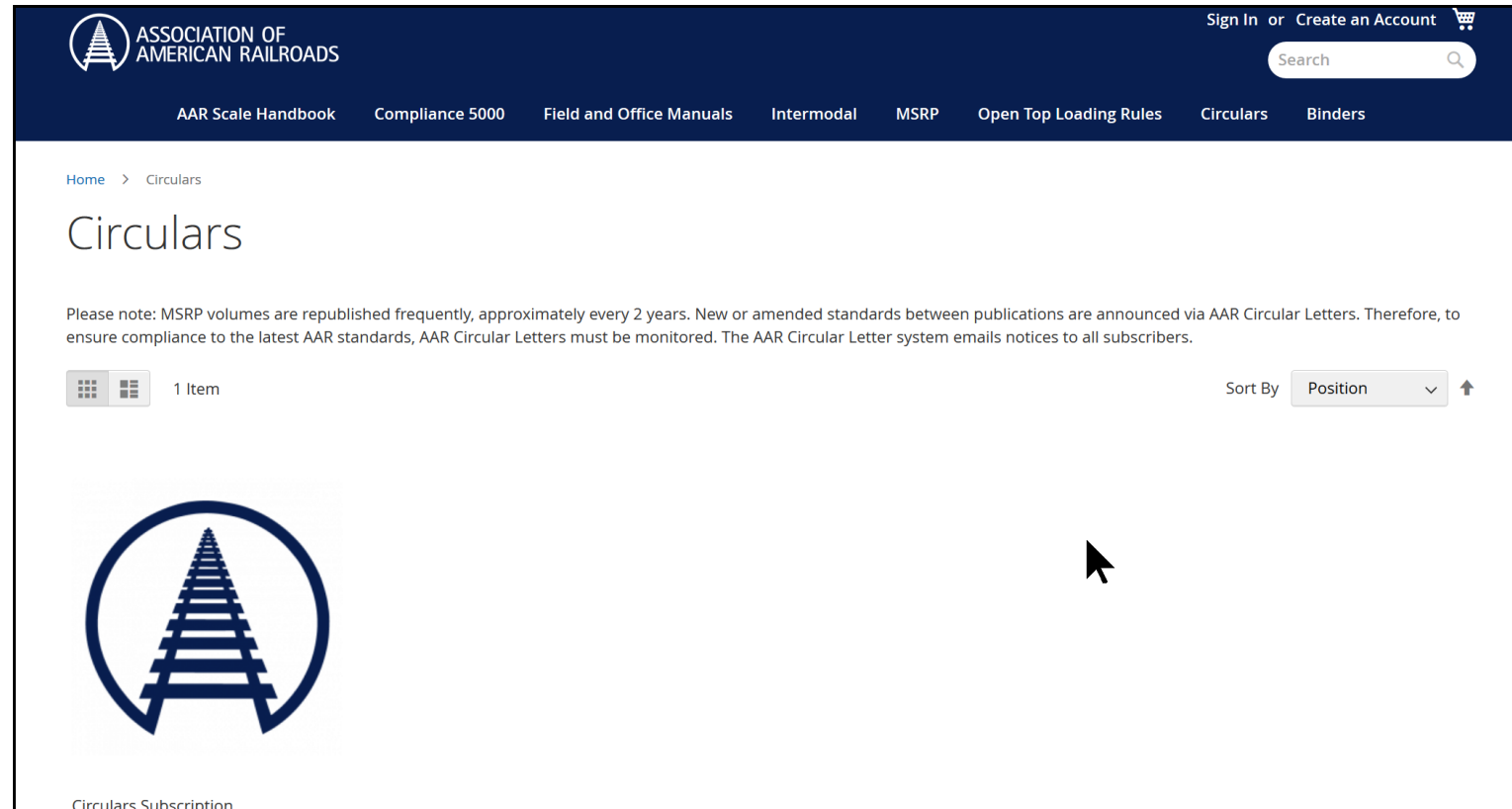
Thank you!

Transportation Technology Center, Inc.
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Pueblo, Colorado 81001
www.aar.com