

AAR Quality Assurance and Industry Conference 2024  
February 27-29, 2024

# RSI Introduction

2024



## Who We Are

Our 167+ member companies represent a broad span of the rail supply industry including:

- Locomotive & railcar builders and owners
- Component suppliers
- Maintenance of way equipment builders and suppliers
- Communications, signal & train control suppliers
- Advanced technology companies

**Patty Long**  
President



**Sheena Prevette**  
Director, Regulatory and Industry Affairs  
American Railway Car Institute  
Equipment Leasing Committee  
Quality Assurance Committee



**Lee Verhey**  
Executive Director, Committee on Tank Cars  
Committee on Tank Cars



**Ashley Shelton**  
Senior Director, Government and Public Affairs  
Government and Public Affairs Committee



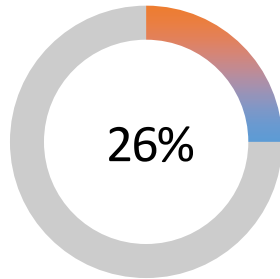
**Hayley French**  
Coordinator, Membership and Operations

# Quality Assurance Committee

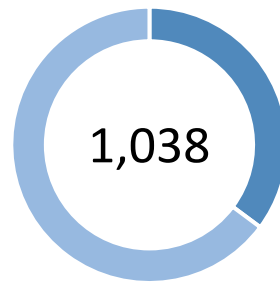
2024

## RSI QAC Member Industry Representation

M-1003 Facility Certifications (excluding VOL)



M-1003 Activity Codes (excluding VOL)

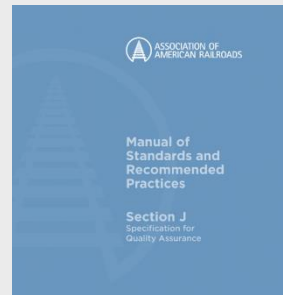


■ QAC Mem ■ Other

01

## Collaboration

AAR MSRP J, M-1003 Specification for Quality Assurance



02

## Education

- Ultrasonic Testing
- Bubble Leak Testing of Services Equipment
- Coatings Webinar



03

## Information

Quarterly Quality Newsletter



# Equipment Leasing Committee

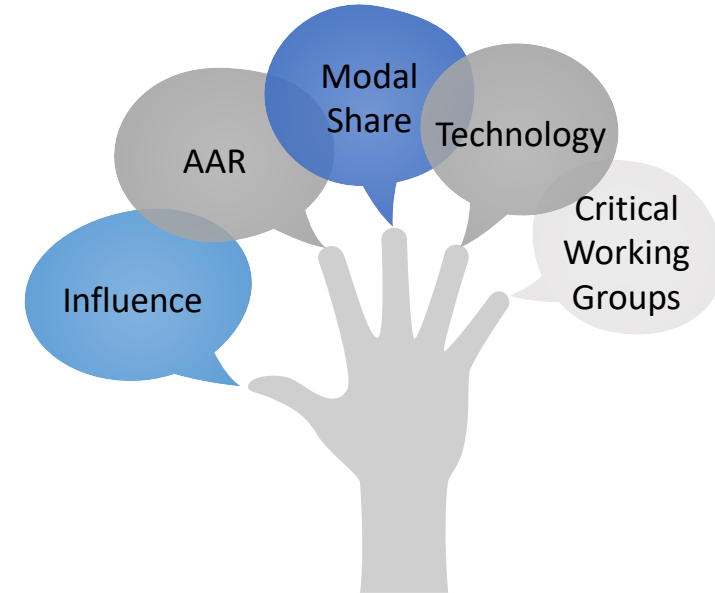
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**Kevin Cook**  
President, Modern Rail Capital  
RSI ELC Chairman



## Key Focus Areas



- ELC Ecosystem
- AAR Associate Board and Representatives
- Car Hire Rate Reform
- “LO” Hopper Mileage Credit
- AAR Rule 107, Car Cost Factor and Betterments
- Funding the Adoption of Telematics

# American Railway Car Institute (ARCI)

2024

## ARCI Data Subscriptions



RSI ARCI Webinar  
*Proprietary Data and Economic Outlook*

SHEENA PREVETTE - Director of Regulatory & Industry Affairs at RSI  
TODD TRANAUSKY - Vice President, Rail and Intermodal at FTR



**Railcar Orders, Deliveries & Backlog**  
\*Current Quarter & Trailing Four Quarters

	7/1/2023	4/1/2023	1/1/2023	10/1/2022	7/1/2022
Backlog	59,878	56,062	59,698	61,415	47,461

	2 <sup>nd</sup> Quarter 2023	1 <sup>st</sup> Quarter 2023	4 <sup>th</sup> Quarter 2022	3 <sup>rd</sup> Quarter 2022	2 <sup>nd</sup> Quarter 2022
Orders	16,194	8,307	11,525	25,075	11,177
Deliveries	11,919	11,296	12,242	10,821	9,629

Twelve-Month Year-End Comparison

	2022	2021	2020	2019	2018
Orders	60,734	37,562	17,275	37,196	77,478
Deliveries	40,735	29,280	33,417	58,026	50,803

## ARCI Equipment & Engineering Subcommittee



Jon Hannafious  
Director Technical Standards  
EEC Manager



Konstantin Khenokh, P.E.  
Director of Engineering  
Trinity Rail  
ARCI E&D Subcommittee Manager

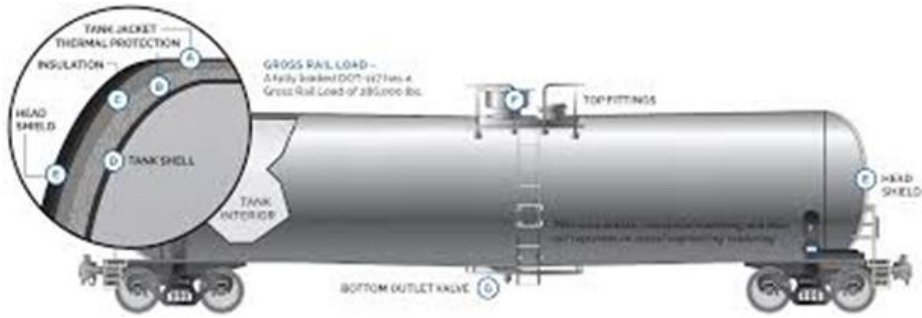


- Hood Tie Down Standard
- Top Chord Reinforcement Best Practices
- Fatigue Guidelines - Chapter VII
- FRA 224 Reflector Maintenance
- Cooper Ratings (Revisited)
- Intermodal Issues
- Tank Car Decals, S-910
- In Train Lifting of Cars
- New Clearance Diagram
- Component Tracking

# Committee on Tank Cars (CTC)

2024

- Regulatory and Legislative Advocacy
- Standards Development
- Consensus Building
- Education
- Research & Training



# Government and Public Affairs Committee (GPAC)

2024

## Resources and Relationships

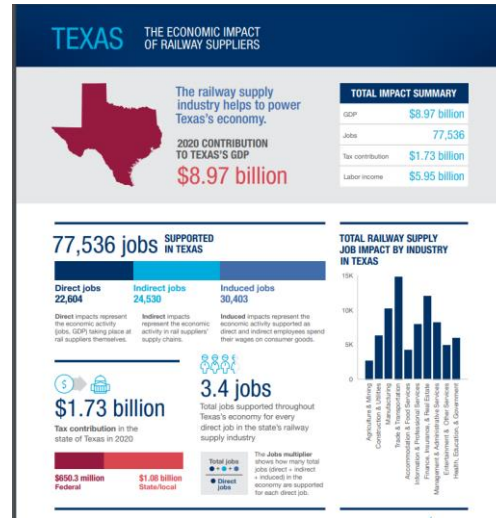
FLAMMABLE LIQUIDS CAR SPECIFICATION CHART

Car Specification	Head & Shell Thickness (in.)	Normalized Head & Shell	Jacket	Head Shield	Top Fittings Protection	Thermal Protection	BOV Handle Modification
111A Legacy Jacketed	0.4375	NO	YES	NO	NO	YES*	NO
111A Legacy Non-Jacketed	0.4375	NO	NO	NO	NO	NO	NO
CPC-1232 Jacketed	0.4375	YES	YES	FULL	YES	YES*	NO
CPC-1232 Non-Jacketed	0.5	YES	NO	HALF	YES	NO	NO
117R100W Legacy Retrofit	0.4375	NO	YES	FULL	MOD	YES*	YES
117R100W CPC-1232 Jacketed Retrofit	0.4375	YES	YES	FULL	YES	YES*	YES
117R100W CPC-1232 Non-Jacketed Retrofit	0.5	YES	YES	FULL	YES	YES	YES
117J100W 120J200	0.5625	YES	YES	FULL	YES	YES	YES

\*RSI Analysis indicates that the existing fiberglass insulated jacketed DOT-111s meet the Thermal Protection System performance requirements.



RSI Fly-in Feb 6, 2023



## INNOVATION IN RAIL

THE FUTURE OF MOBILITY

Show and Tell

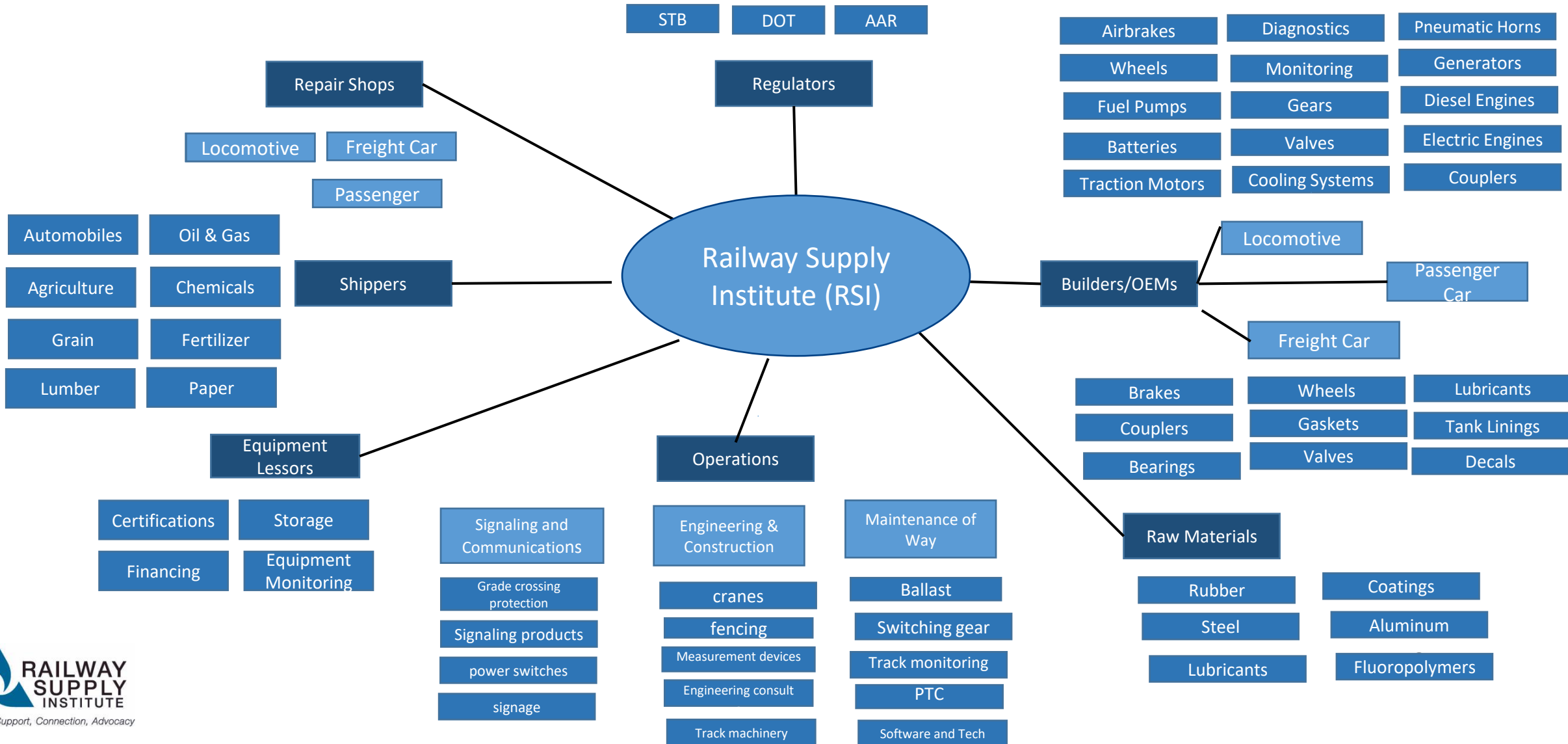


## Connecting the Dots on Jobs and Economic Growth



# Railway Supply Ecosystem

2024





# Shared Goal: More Products Transported via Railroad

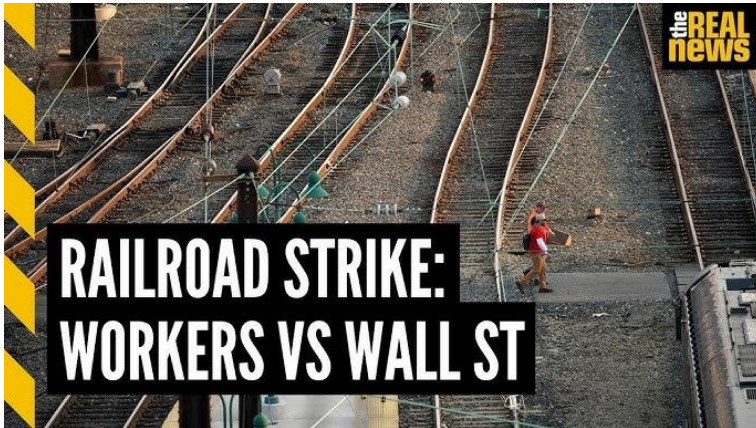


By all measurable standards, the railroads are the safest, most economical and sustainable way to transport products across North America. Yet, statistics show that each year, we continue to lose modal share.



# What is Holding Us Back?

2024



THE EPOCH TIMES

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CANADA

## Poor Rail Service Costing Agriculture Sector, Canadian Economy, Industry Insiders Say



A worker boards a Canadian Pacific Railway locomotive at a yard in Calgary on March 18, 2022. (The Canadian Press/Jeff McIntosh)

## Senate bill addresses 'unreliable' freight-rail service

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# Challenges on the Horizon

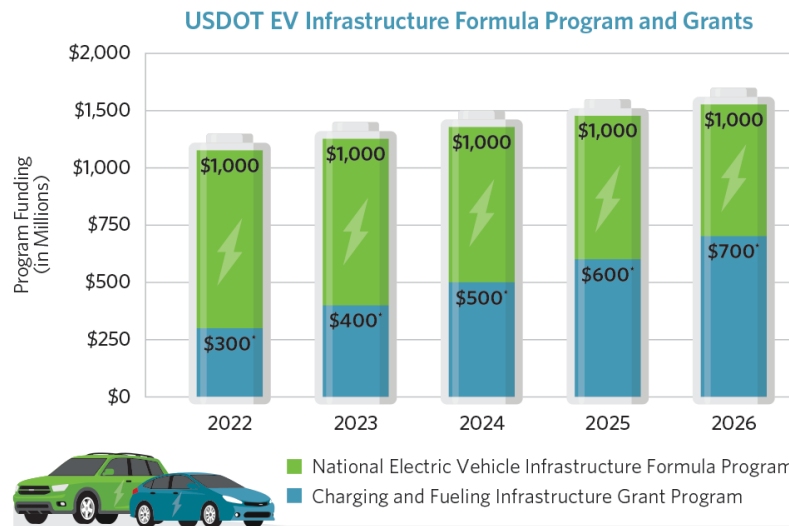
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Consequences of E. Palestine go beyond legislation.



Electric/Autonomous Trucking Will Remove Rail's Sustainability Advantage.



Federal funds support vehicle infrastructure: Railroads are privately funded.

# Technology is the Solution

2024

- Safety Monitoring
- Telematics
- Drive to Net-Zero Emissions

**ALSTOM**  
• mobility by nature •

**RAILPulse**

**THE GREENBRIER COMPANIES**

**Progress Rail**  
*A Caterpillar Company*

**duostech**

**Amsted Rail**

**SIEMENS**  
*Ingenuity for life*

**Wabtec**  
CORPORATION

**Cummins Power Systems**

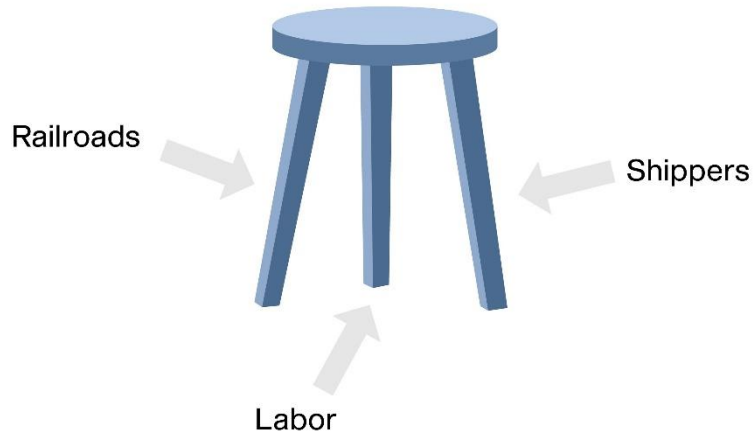
**TRINITYRAIL**

# Collaboration is the Secret Sauce

2024

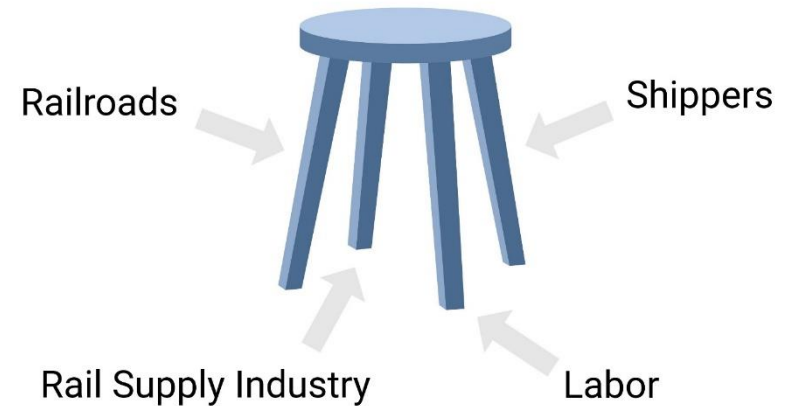
## NO

### Freight Rail Industry



## YES

### Freight Rail Industry





Questions/Thank You for Having Me!

*Stay in touch - [plong@rsiweb.org](mailto:plong@rsiweb.org)*