



Quality Assurance Auditors & Industry Conference
February 2023 | New Orleans, LA



Rail Supply Institute 2023

Donna Jacobi
Manager, Quality Systems
Amsted Rail Company, Inc.

*MxV Rail is a subsidiary of
the Association of American Railroads
(formerly TTCI)*

Overview

- **Railway Supply Institute, Who We Are**
- **The Work of RSI's Quality Assurance Committee**
- **RSI Education and Training**
- **RSI Expo**



Who We Are



Who We Are

Our 150+ member companies represent the broad span of the rail supply industry including:

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



TRACKING THE POWER OF RAIL SUPPLY

THE ECONOMIC IMPACT OF RAILWAY SUPPLIERS IN THE U.S.

The railway supply industry has helped to power the U.S. economy for nearly 200 years.

140,000 
Miles of rail in North America

38,000 
Locomotives moving passengers and freight throughout the continent.

If the industry was represented as a U.S. city, it would rank

47th

Largest Metropolitan Statistical Area (MSA) in the U.S.

	GDP in billions of U.S.\$
Providence, RI	\$80.2
Raleigh, NC	\$79.8
New Orleans, LA	\$77.2
Louisville, KY	\$75.0
Railway supply industry	\$74.2
Jacksonville, FL	\$71.5
Memphis, TN	\$71.5
Oklahoma City, OK	\$70.2
Honolulu, HI	\$64.8

Source: BEA, Oxford Economics

\$10 billion invested

over the last decade to develop and implement positive train control (PTC) technology.



contribution to U.S. GDP in 2017.

The railway supply industry directly employed **125,100** workers in 2017.

On average, they earned **\$78,800** in annual income.

By comparison, the average worker in the U.S. earned approximately **\$55,400**

The railway supply industry supported an additional **525,000** workers in the wider economy, either in the supply chains of railway suppliers or through the wage spending of those employed by the firms themselves or their supply chains.

For every direct job in the railway supply industry, an additional **4.2 jobs** are supported elsewhere in the economy.

\$16.9 billion 

Tax contribution in 2017.

This was made up of **\$10.7 billion** in federal taxes and **\$6.2 billion** in state and local taxes.

States where railway suppliers generate the largest impacts:

- 1** Texas \$15.1
- 2** California \$6.1
- 3** Illinois \$5.0
- 4** Pennsylvania \$3.7
- 5** New York \$3.1
- 6** Ohio \$3.0
- 7** Louisiana \$2.9
- 8** Oklahoma \$2.0
- 9** Indiana \$1.8
- 10** Florida \$1.7

9,900  veterans

employed in the railway supply industry.

4,000 corporate members



RSI Industry Committees

RSI Committees

- **American Railway Car Institute**
- **Committee on Tank Cars**
- **Equipment Leasing Committee**
- **Exhibitor Advisory Committee**
- **Government and Public Affairs Committee**
- **Quality Assurance Committee**
- **Standard Coupler Manufacturers Committee**
- **State Tax Committee**



Sheena Prevette
Director of Regulatory & Industry Affairs



Lee Verhey
Executive Director Committee on Tank Cars



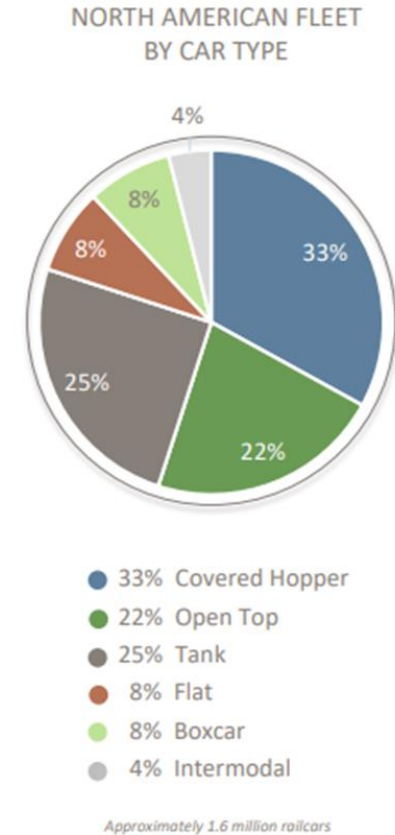
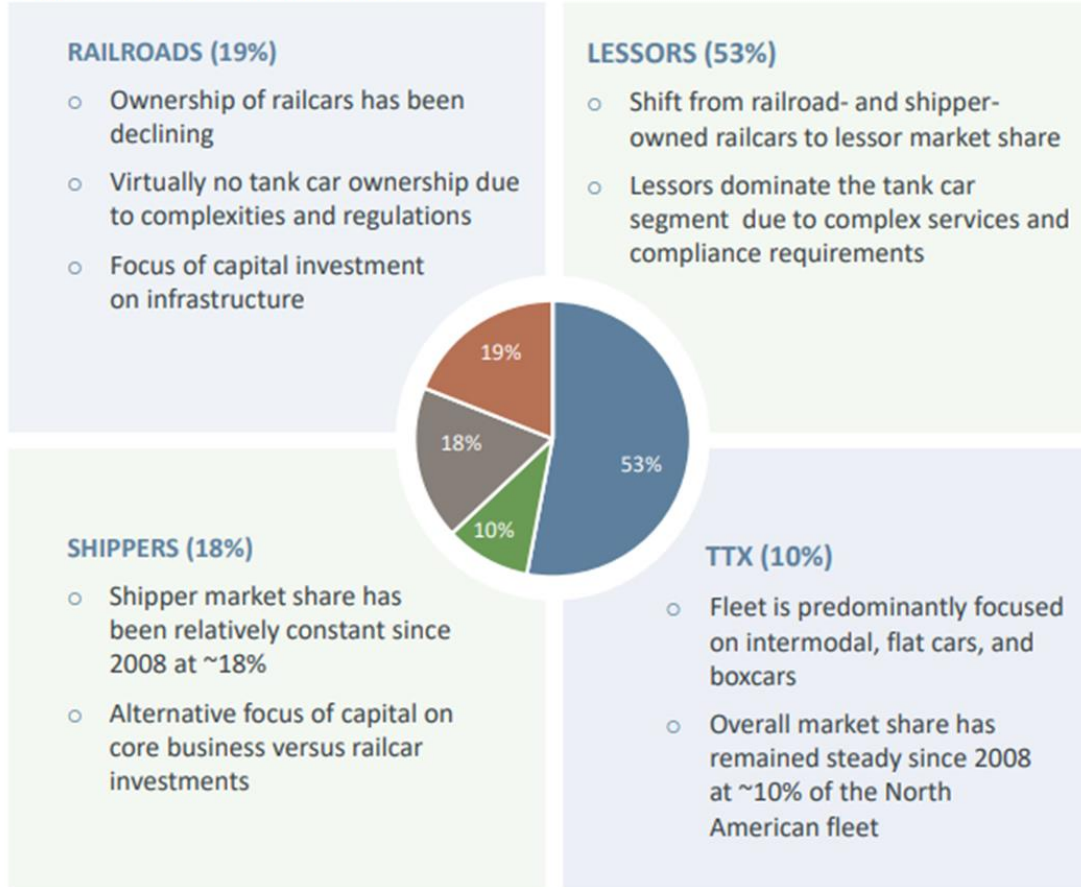
Nicole Brewin
Senior Vice President of Government & Public Affairs



RSI – Private Investment in Rolling Stock

North America – Industry Railcar Ownership

Approximately 1.6 million railcars



UMLER as of January 2018



RSI Quality Assurance Committee



RSI Quality Assurance Committee



QAC Chair
Donna M. Jacobi
Manager, Quality Systems
Amsted Rail Company, Inc.



Newsletter TAG Co-Chair
Gary Alderson
Manager, Quality Processes
AllTranstek, LLC



QAC Vice Chair
Margaret Zero
Director, Quality Assurance
GATX Corporation



M-1003 TAG Chair
Dave Ronzoni
Director, Railcar Regulatory Consultant
AllTranstek, LLC



Education TAG Chair
Jim Dinell
Director, Technical Services
AllTranstek, LLC



Newsletter TAG Co-Chair
Alfredo Ricardo
Quality & Regulatory Consultant
AllTranstek, LLC



RSI Education TAG



RSI Education TAG

Two hands-on workshops will be held on

Thursday morning:

- Bubble Leak Testing
- Ultrasonic Testing

Additional training is planned for later this year.

RSI Education TAG continues to focus on developing training not offered elsewhere.

M X V R A I L

Bubble Leak Testing Workshop & Auditing

AGENDA

1. Review of Basic Bubble Leak Principles and Auditing Concerns
2. Hands-on Demonstration of Proper Bubble Leak Inspection
 - Set-Up
 - Equipment
 - Procedures
 - Inspection
3. Open –Discussion

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M X V R A I L

Ultrasonic Testing Workshop & Auditing

AGENDA

1. Review of Basic Ultrasonic Principles and Auditing Concerns.
2. Hands-on Demonstration of Proper UT Inspection.
 - Set-Up
 - Calibration
 - Procedures
 - Inspection
3. Open –Discussion

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Jim Dinell
AllTranstek LLC



Steve McCullough
AllTranstek, LLC



Jeff Cameron
Union Tank Car



RSI QAC Newsletter TAG



RSI Quality Newsletter TAG

- RSI QAC Newsletter TAG continues to publish a quarterly newsletter on various quality related topics.
- The newsletter is now also available in Spanish!



Gary Alderson
AllTranstek, LLC



Alfredo Ricardo
AllTranstek, LLC





RSI Quality Newsletter

Volume 12, 4th Quarter 2022

INSIDE THIS ISSUE

Page 1 – Meet the RSI QAC

Page 2 – Meet GPAC

Page 3 – AAR Arbitration and Rules Committees

Page 5 – Hiring before Covid compared to today.

Page 6 – RSI Education TAG presentations.

Page 7 – AAR Training dates

Page 8 – Useful links

MEET THE RAILWAY SUPPLY INSTITUTE QUALITY ASSURANCE COMMITTEE

Submitted by Gary Alderson – AllTranstek, LLC

The Railway Supply Institute (RSI) Quality Assurance Committee (QAC) consists of members of the RSI who volunteer their time to maintain quality within the RSI, our members, and their suppliers. The current members of the committee are from different industry modes and have various backgrounds in Quality Assurance and related disciplines. The current members of the RSI QAC are:

AllTranstek, LLC – Gary Alderson, Manager, Quality Processes
 AllTranstek, LLC – Alfredo Ricardo, Quality & Regulatory Consultant
 AllTranstek, LLC – David Ronzani, Director, Railcar Regulatory Compliance
 American Industrial Transport Corporation, Jake Sternberg, Quality Engineer
 Amsted Rail – Tom Garner, Quality Assurance Manager
 Amsted Rail - Donna Jacobi, Manager, Quality Systems – (RSI QAC Chairperson)

Amsted Rail – Mark Michel, Director of Engineering/Quality Manager
 Amsted Rail – Ed Weedmark, Manager, Quality Audits
 Greenbrier Rail Services – Sara Hopper, Regulatory Manager
 Greenbrier Rail Services – Chad Meinholdt, Director of Quality Assurance
 Greenbrier Management Services – Paul Conner, Performance Assurance Engineer, Regulatory Services Group
 Marmon Rail – Ken Campbell, Manager Coating and Lining Processes
 Marmon Rail – Jason Riggs, VP Technical Services
 Progress Rail – Bob Wolbert, Director Quality
 Railway Supply Institute – Sheena Prette, Director of Regulatory and Industrial Affairs
 Salco Products, Inc. – Tom DeLafosse, Vice President, Regulatory Compliance Services
 Trace Applications Inc. – Ted Power, President
 Trinity Industries – Dean Matzo, Vice President, Quality
 Trinity Industries – Michael Ruby, Director Quality Assurance
 Trinity Industries – Jay Tullmieri, Vice President Portfolio Management
 Union Tank Car – Jeffery Cameron, Director of Quality
 W.E. Lott Company – Ric Olt, President

The RSI QAC has three technical advisory groups (TAG's): the M-1003 TAG, the Education TAG, and the Newsletter TAG. The M-1003 TAG will participate with the AAR QAC M-1003 task force to develop the 2023 revision the AAR MSRP Section J, Specification for Quality Assurance. The Education TAG aims to

Page 1 of 10



RSI M-1003 TAG



RSI M-1003 TAG

- RSI QAC worked with AAR QAC on a joint TAG to develop the 2022 revision of the M-1003 standard.
- RSI M-1003 TAG has been working on proposed revisions to M-1003 for 2024.
- Draft is complete and ready for discussions with AAR QAC.



Dave Ronzani
AllTranstek, LLC



Upcoming Education and Networking



Railway Interchange 2023, Oct. 1-4 – Booth Sales are Open Now!

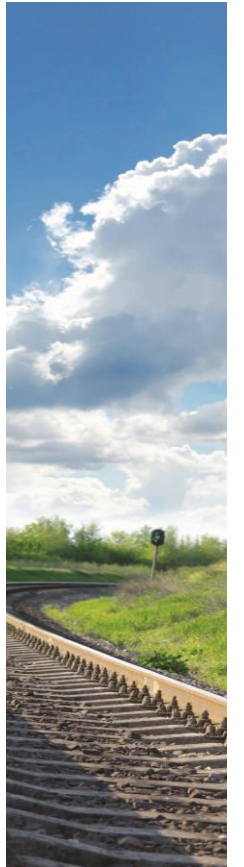


Quarterly ARCI and Rail Economic Data Webinar

Rail Supply Economic Impact Report
Release February 2023



QAC Technical and Economic Education
2023 Series





Thank you



Association of American Railroads
Quality Assurance Committee