

S.1 Electrical—Chairman: Chris Disantis

Future Electrical/Electronic Systems (Joint Future Truck/S.1)
 RP Updates (S.1)
 Fifth Wheel Ground Strap Installation Guidelines
 Electrical Infrastructure Safety and Interoperability for High-Power Electrical Refrigeration
 High-Voltage Cable for Heavy-Duty Truck-Tractor Wiring Systems
 Non-Connector Based Wiring Repairs
 RP 110C Update (Low-Tension Cable For Heavy-Duty Truck-Tractor Wiring Systems)
 Troubleshooting 12-Volt Cranking and Charging Systems
 Equipped with Electrochemical Capacitors
 Diagnostics Related to Lightning Strikes **NEW**

A. Lesesky 8 – 9 am
 A. Mihic 9 – 9:30 am
 A. Puckett/L. Rambeaux 9:30 – 10 am
 M. Smec 10 – 10:30 am
 F. Kelley 10:30 – 11 am
 B. Purkey 11 am – Noon
 F. Kelley 1 – 1:30 pm
 J. Brakley 1:30 – 2 pm
 D. Fuller 2 – 2:30 pm

S.2 Tire & Wheel—Chairman: Mitch Windorff

Tire Asset Management (Cradle to Grave)
 RP Updates (S.2)
 Tire Shop Tools and Procedures
 Specification of Tires for Heavy-Duty Electric Vehicles
 Repolishing Aluminum Wheels **NEW**
 Driver Pocket Guide for Tires and Wheels **NEW**

J. Ricapito 8 – 9 am
 P. Fisher 10 – 11:30 am
 R. Patterson 11:30 am – Noon
 J. Mueller 1 – 2 pm
 C. Bartley 2 – 3 pm
 P. Fisher 3 – 4 pm

S.3 Engine—Chairman: Radu Mihai

RP Updates (S.3)
 RP 371 Update (LNG/CNG)
 RP 338 Update (Extended Service Interval Coolants)
 LNG/CNG Thermal Events
 RP 326 Update (Recycled Engine Coolant)
 RP 364 Update (Fleet Purchasing Specification for Organic Acid Technology Extended Life Coolant)
 Guidelines for Diesel Particulate Filter Cleaning
 Smoke Detection Guidelines

P. Cigala 8 – 9 am
 D. Martin 9 – 10 am
 R. Schornstein 10 – 10:30 am
 D. Martin/M. Louzon 10:30 – 11:30 am
 G. Mixon 11:30 am – Noon
 P. Woyciesjes 1 – 2 pm
 W. Juchno/B. Balfour 2 – 3 pm
 M. Hawkins 3 – 4 pm

S.4 Cab & Controls—Chairman: Mark Kennedy

RP Updates (S.4)
 RP 414B Update (Truck A/C Specification Sheet)
 RP 401C Update (Location and Operation of Instruments and Controls in Motor Truck Cabs)
 RP 430 Update (Guidelines for Collision Warning)
 RP 443 Update (In-Cab Cleaning & Deodorizing Guidelines)
 Power Management Strategies for In-Cab (CPAP) Medical Devices
 Conversion of Rear View Mirrors to Cameras
 In-cab Gas Detectors
 Conversion of Rear View Mirrors to Cameras
 Odometer Synchronization
 RP 417/423 Update (Tractor-to-Trailer Air/Electric Lines) **NEW**

J. Adami 8 – 8:30 am
 A. Moutanovsky 8:30 – 9 am
 G. Paoletti 9 – 10 am
 B. Wilkerson 10 – 11 am
 M. Winchell 11 am – Noon
 J. Fielding Noon – 12:30 pm
 S. Fox 12:30 – 1 pm
 K. Altrichter 1 – 2 pm
 S. Fox 2 – 2:30 pm
 G. Selby 2 – 3 pm
 B. McKie 3 – 4 pm

S.5 Fleet Maintenance Management—Chairman: Amanda Schuier

RP Updates (S.5)
 RP 512A Update (Technician Staffing) **NEW**
 VMRS Codes Committee
 Developing Key Performance Indicators
 Cybersecurity Issues
 Right to Repair
 Internet of Things
 Application of Social Media to Maintenance

D. Weider 8 – 8:30 am
 J. Cornelius 8:30 – 9 am
 P. Moszak 9 – 10 am
 L. Flowers 10 – 11 am
 M. Zachos 11 am – 12:30 pm
 L. Flowers 12:30 – 1:30 pm
 C. Kirk 1:30 – 3 pm
 B. Dunne 3 – 4 pm

S.6 Chassis & Brake Systems—Chairman: Jim Boyd

RP Updates (Chassis-Related RPs)
 RP Updates (Brake-Related RPs)
 RP 642B Update (Total Vehicle Alignment)
 RP 602/626 Update (Towing Procedures) **NEW**
 RP 614A Update (Air Brake Tubing & Fittings)
 RP 608B Update (Brake Drums and Rotors)
 RP 638 Update (Heavy-Duty Clutch Maintenance)
 Rear Suspension Inspection Procedure
 Disc and Drum Brake Integration Issues
 RP 605 Update (Reconditioning Brake Shoes) **NEW**
 Proper Diagnosis of S-cam Out-of-Service Criteria
 RP 652 (Service/Inspection Air Disc Brakes) **NEW**
 RP 648 Update (Troubleshooting Ride Complaints)

J. Vander Geissen 8 – 9 am
 J. Vander Geissen 9 – 10 am
 M. Lynch 10 – 10:30 am
 J. Vander Geissen 10:30 – 11 am
 J. Kruse 11 – 11:30 am
 G. Sturdy 11:30 am - Noon
 J. Cordes 12:30 – 1 pm
 J. Knutson 1 – 1:30 pm
 G. Sturdy 1:30 – 2 pm
 M. Williams 2 – 2:30 pm
 G. Cram 2:30 – 3 pm
 R. Petresh/M. Karish 3 – 3:30 pm
 J. Holman 3:30 - 4 pm

S.7 Trailers, Bodies & Material Handling—Chairman: Richard Brown

RP Updates (S.7)
 RP 746 Update (Drawbar Length)
 Cryogenic Cooling Systems

H. Schneider 8 – 9 am
 C. Lee 9 – 9:30 am
 P. Jacobsen 9:30 – 10 am

S.7 Trailers, Bodies & Material Handling—Chairman: Richard Brown (continued)

Heavy Haul Trailer Issues	K. Tomlinson/S. Bartlein	10 – 10:30 am
Van Trailer Washing Procedures and Testing	M. Gordon	10:30 – 11 am
RP 708C Update (Trailer Axle Alignment)	D. Cordier	1 – 2 pm

S.11 Sustainability & Environmental Technology—Chairman: Marc Clark

Terminal Tractor Powertrain Options	J. Schreiber	8 – 9 am
RP 1112 Update (Lightweight Components and Fuel Economy)	C. Herpel	9 – 10 am
RP 1105 Update (Idle Limiting Systems)	B. Wilson	10 – 11 am
RP 1115 Update (Fuel Economy Benefit Claims)	S. Waltzer	11 am – Noon
Alternative Energy Implementation Elements	D. Jaskolski	1 – 2 pm
Future Energy Conservation (joint S.11/FT in FT room)	D. McDonald	2 – 3 pm
SmartWay Activities	D. Johnson	2 – 2:30 pm
Cost Modeling for Aerodynamic Devices	F. Marinko	2:30 – 3 pm

S.12 On-Board Vehicle Electronics—Chairman: Troy Jergens

RP 1226 Messaging Standardization	C. Villa	8 – 8:30 am
RP 1210C Update (Windows API)	K. DeGrant	8:30 – 9 am
Mobile Device Communication API	C. York	9 – 9:30 pm
RP 1210 Compliance	J. Bate	9:30 – 10 am
RP 1210 OEM Application Validation Testing	L. Long	10 – 10:30 am
RP Updates (S.12)	K. DeGrant	10:30 – 11 am
Electronic Logging Devices	T. Cuthbertson	11 am – Noon
Connected Vehicle	T. Cuthbertson	1 – 2 pm
Active Safety System Telematics Guidelines	L. Stumpp	2 – 3 pm

S.14 Light- & Medium-Duty / Specialty Trucks—Chairman: Paul Wion

Inspection of CMV Axle and Transmission Fluid Levels	L. Stumpp	8 – 9 am
Technician and Bucket/Utility Truck Safety	P. Wion	9 – 9:30 am
RP 1514 Update (Hydraulic System Failure Analysis)	P. Wion	10 – 11 am
RP 1412 Update (Walk-in Van Electrical System Routing/Load Requirements)	L. Stumpp	11 am – Noon
RP 1411 Update (Light- & Medium-Duty Auto Transmission Fluid Guidelines)	M. Quinn	1 – 2 pm
Work Truck Hybridization	R. Winters	2 – 3 pm

S.16 Service Provider—Chairman: Homer Hogg

Heavy-Duty Collision Repair Roadmap	J. Fassett	8 – 9 am
Developing and Leveraging Next Generation Leaders	B. Fackey	9 – 10 am
Implementing TMC RPs in Fleet & Service Provider Operations	J. Gingrich/B. Olsen	10 – 11 am
Safety Guidelines for Mobile Maintenance	J. Bodkins	11 am – Noon
Heavy-Duty Collision Repair Guidelines	C. Sterwerf	1 – 2 pm
RP Updates (S.16)	P. Savage	2 – 3 pm
Study Group Exploratory Meeting	H. Hogg	3 – 4 pm

S.17 Corrosion Control—Chairman: Nick Forte

Cab & Control Corrosion Control	T. Brune	8 – 9 am
Corrosion of Non-Ferrous on Chassis and Suspension	B. Herrington	9 – 10 am
Corrosion Manual Update NEW	D. Winn	10 am – 2 pm

S.18 Automated & Electric Vehicles—Chairman: Kyle Mitchell

Automated Driving and Platooning	R. Bishop	8 – 10 pm
Exploratory/Planning Session	K. Mitchell	10 am - Noon

Educator Committee—Chairman: Jack Werner

Curriculum Development	E. Brennan	8 – 9 am
PMI Manual Updates	S. Bennett	9 – 10 am
Educator Involvement	G. Arrants/J. Werner	10 – 11 am
NATMI Curriculum Advisory	R. Braswell	11 am - Noon

Professional Technician Development Committee—Chairman: Winston Minchew

Future Technician Scholarships	R. Bazzel	8 – 9 am
Fostering State Association Competitions	B. Karim	9 – 10 am
Technician Skills Competition Review	R. Patterson	10 am – Noon

Future Truck Committee—Chairman: Anthony Marshall

Future Electrical/Electronic Systems (in S.1 room)	A. Lesesky	8 – 9 am
Future Tire Reliability/Durability	P. Arnold	9 – 10 am
Sensor-Enhanced Maintenance	W. Stegall	10 – 11 am
Future Cab and Driver Interface	J. Hubbell	11 am – Noon
Future Trailer Productivity	C. Lee	Noon – 12:30 pm
Future Chassis and Brake Systems	E. Benge	12:30 – 1 pm
Augmented and Virtual Training	R. LeFrancois	1 – 2 pm
Sensor-Enhanced Maintenance	W. Stegall	2 – 3 pm
Future Energy Conservation (joint S.11/FT)	D. McDonald	2 – 3 pm
Future Alternate Propulsion Systems	L. Stumpp	3 – 4 pm