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# Tech Committee Report

***Roger Lackore***  
***Wes Chestnut***



# Mission Statement

“ To research, recommend and represent member organizations on technical issues related to the manufacture of fire apparatus with the goal of constant improvement to product and safety for the end user.



# Technical Committee Leadership

## Co-Chairs

Roger Lackore  
Wes Chestnut

## Aerial/Quint

Reed Wissler  
John Brady

## Body

Mike Lemieux  
Peter Darley

## Foam

Gregg Geske  
Mike Dupay

## ARFF

Marty Huffman  
Sarah Peck

## Chassis

Tim Johnson  
Chris Crowell

## Pumps & Plumbing

Doug Miller  
Mike Sulmone

## Ambulance

Steve Rowland  
Mike Franckowiak

## Electrical

John Doperalski  
Peter Luhrs



## Tech Ed

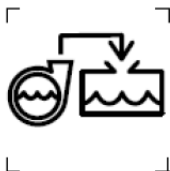
Dan Veselsky  
Lisa Barwick



# FAMA Graphical Symbols Go Global

” CEN TS 15989 Draft References FAMA Symbols  
whitepaper.

3.5.33	Projecteur avant			FAMA white paper-17.9
3.5.34	Projecteur arrière			FAMA white paper-17.10

N°	Désignation	Symbole	Remarque	Référence
3.8.5	Remplissage de la citerne par la pompe à usage incendie			FAMA white paper- 12.11



# NFPA 1901/NFPA 1906

- “ NFPA 1901 Ballot passed but has one NITMAM
- “ NFPA 1906 Ballot Passed
- “ Updates to the FAMA NFPA Whitepaper can begin now.





# NFPA 414

## ” FAMA Representatives

- . Member: Marty Huffman
- . Alternate: Paul Powell – Rosenbauer

## ” First Draft Meeting October 28, 2014

## ” Second Draft Meeting July 27-30, 2015

## ” Public Comment Closing: May 15, 2015



# NFPA 1500

## “ FAMA Representatives

- . Member: Roger Lackore
- . Alternate: Wes Chestnut

## “ Fire service–related occupational safety and health program.

## “ Current edition 2013

## “ 2017 Revision Cycle

## “ Currently open for public comment until July 16, 2015



# Fire Apparatus Safety Guide

” Second Edition Now Available



# NHTSA Fire Apparatus Recall Policy



## Recalls & Defects



### Improving Safety On Our Highways

NHTSA encourages complaints from vehicle owners and drivers, conducts defect investigations and administers safety recalls to support its mission to improve safety on our nation's highways.

## ” FAMA Request for Interpretation

- Jackie Glassman, former NHTSA Chief Counsel has submitted a letter from FAMA to NHTSA asking for an interpretation on what aspects of fire apparatus are subject to the NHTSA recall process.



# EPA Future Regulations Engagement



” The proposed Phase 2 greenhouse-gas emissions rule for medium- and heavy-duty vehicles, originally planned for publication in March, has been delayed until June, the Environmental Protection Agency announced.





# **FDSOA Apparatus Symposium**

**” FAMA/FDSOA planning meeting**





- . Wednesday, April 22, 2015 2:00 - 4:00 PM**
- . Room 114 Indianapolis Conf Center.**



# Heavy Truck Alternative Fuels Labeling

- ” TMC recommended practice approved
- ” CTIF is working with us to come up with a proposed global ISO standard.



1		<b>Gasoline-powered vehicle.</b> <b>Symbol description:</b> Fuel pump with two flames = highly flammable liquid. <b>Colors:</b> Red R/G/B: 161/37/3
2		<b>Diesel-powered vehicle.</b> <b>Symbol description:</b> Fuel pump with 1 flame = flammable liquid. <b>Colors:</b> Grey R/G/B: 127/127/127
3		<b>Bio diesel-powered vehicle.</b> <b>Symbol description:</b> Fuel pump with leaf, referencing to bio energy. 1 flame = flammable liquid. <b>Colors:</b> Green R/G/B: 80/224/22
		<b>Bio diesel-powered vehicle with for example 85% ethanol.</b> <b>Symbol description:</b> Fuel pump with leaf and added % of ethanol (E). This ethanol-percentage can vary. Flammability rises with % ethanol added. <b>Colors:</b> Green R/G/B: 80/224/22 Blue R/G/B: 0/32/96 <b>Text:</b> Arial rounded MT Bold



# FAMA Forum Schedule

"	Jan	Wes Chestnut	Wheel studs, lug nuts, need for checking.
"	Feb	Roger Lackore	FAMA White papers
"	Mar	Roger Lackore	NFPA 1906 Pump and Roll
"	Apr	Jim Juneau	Annex D
"	May	Chris Crowel	EPA Regs impact on fire industry
"	June	Grady North	CAFs on wildland apparatus
"	July	James Morgan	EVT- Mechanics Training
"	Aug	Bill Proft?	Rescue rope tie-offs and winch receivers
"	Sep	Lisa Barwick?	Intershutz review
"	Oct	Roger Lackore	1901 Change Summary w/fama.org link
"	Nov	Steve Rowland	NFPA 1917 Review with cost implications
"	Dec	Paul Darley	Fire service statistics
"	Jan	Tim Johnson	New Industry Technologies



# Fire Apparatus Selection Guide

## ” Topics to Cover

- . Purchasing process
- . Specification creation
- . NFPA 1901/1906
- . Safety Options beyond NFPA
- . Tools for apparatus specing (weight and cube, NFPA spreadsheet, Annex B, Pump Selection Guide, etc...
- . When to replace or refurbish (annex D)



# Potential White Papers

- “ NFPA Exceptions
- “ Bumper Extensions
- “ Cab Configuration
- “ Truck Size
- “ Apparatus Terminology
- “ Aux Braking Systems
- “ Exhaust Systems
- “ Apparatus Performance
- “ Multiplex vs Hard Wire Electrical
- “ Line Voltage Power Sources
- “ Corrosion Prevention
- “ Hose Restraint Systems
- “ Hose Bed Capacity Calculator
- “ Aerial Devices
- “ Seats and Seating
- “ Foam Systems
- “ Winches and Receivers





# Pending White Papers

- ” Pump Selection Guide
- ” Apparatus Safety Training
- ” Weight and Cube Calculator Update
- ” NFPA 1901/1906 Updates



# Subcommittee Assignments

- ” Review the Apparatus Safety Spreadsheet
  - . NFPA Updates
  - . New Technologies
- ” Whitepaper Assignments
  - . Authors
  - . Schedules





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