



MINUTES
FIRE APPARATUS MANUFACTURERS' ASSOCIATION
TECHNICAL COMMITTEE MEETING
APRIL 11, 2019
INDIANAPOLIS CONVENTION CENTER,
INDIANAPOLIS, IN

[A copy of the full meeting power point presentation may be found in the secure documents of www.fama.org]

Call to Order – by Doug Miller at 7:30 a.m.

Proof of Notice – Notice of this meeting was provided to all Technical Committee representatives and FAMA members on March 2, 2019 via email.

Roll Call – A quorum was declared with 50 member companies present at the start of the meeting. [See attendance and sign-in sheets attached to these minutes.]

Antitrust Guidelines and Non-Discrimination Policy – Legal Counsel Jim Juneau stressed that it is FAMA's policy to abide by the antitrust laws of the United States and the strict non-discrimination policy at all meetings of the Association.

Clarion Fire & Rescue Group – Mr. Chris Mc Loone welcomed the attendees to FDIC and thanked them for their continued support.

The meeting sponsors were recognized for their support of the committee and FAMA. The sponsors were: H.O. Bostrom Company, Spartan Emergency Response, and Whelen Engineering Co., Inc., and Clarion Fire & Rescue Group (Corporate Sponsor).

Review/Enter Minutes – After discussion and upon motion duly made and seconded, it was:

VOTED: That the minutes of the October 17, 2018 Technical Committee Meeting (Nashville, TN) are approved and be entered into the records of the association.

Welcome /Association Update – 2019 FAMA Board President, Curt Ignacio welcomed the FAMA member representatives to the meeting. He provided a brief update on recent FAMA activities including the recent Spring Meeting and the Board's primary focus for the year. Mr. Ignacio thanked Mr. Roger Lackore and Mr. Doug Miller for all their work and dedication to FAMA.

Technical Committee Highlights – Mr. Lackore announced that due to the low attendance at the fall trade show Technical Committee Meetings, the committee will hold planning sessions in conjunction with the Spring and Fall Membership Meetings. Recent Technical Committee Meeting Planning sessions held in conjunction with the Spring and Fall Meetings have enabled the committee to make great strides. The planning meetings provide an opportunity for more in-depth discussions and have proven to be productive. He encouraged member representatives to stress their importance and try to attend.

Mr. Lackore reviewed the Subcommittee Leaders and expressed his appreciation for their commitments.

2020 FDSOA Presentation Plans – Mr. Lackore provided a review of the planned presentation topics and presenters.

FAMA Forum Schedule for 2019 thru October 2020 – Mr. Lackore reviewed current FAMA Forum schedule and he thanked the contributors for their work.

Mr. Lackore asked the members to submit their suggested article topics and he asked for volunteers to write the articles.

Yellow Line Worksheet – Mr. Lackore reviewed the NFPA Yellow Line requirement and asked for representatives to assist in the development of a worksheet that can be used by both the purchaser and manufacturer during the pre-build process.

New Safety Signs and New Graphical Symbols – Mr. Lackore presented two new safety signs and 35 new graphical symbols for review. The graphical symbols are to be used on trucks to replace text to prevent language barrier issues. The Committee approved the new symbols presented.

NFPA 1901/1906 –

- A Public Input Meeting was held October 9-11, 2018. The first draft will be posted April 16, 2019 for review and comments. The comment period will close on June 25, 2019.
- Mr. Lackore reviewed the controversial proposed NFPA changes regarding Night Mode Warning Lights and the demonstrations planned by Code 3, Federal Signal, and Whelen at Fire Expo in Harrisburg, PA.
- Mr. Lackore reported the FAMA Board's support of the NFPA change and public comment to allow alternate colors in chevron striping.

NFPA 1500 – The next committee meeting will be May 6-8, 2019 and the second draft report will be posted on August 1, 2019. Mr. Lackore is the FAMA representative for the committee and asked for any input requests.

Apparatus Replacement Plan – Mr. Lackore provided a review of the project.

- The goal is to provide a guide for departments to use when developing their replacement schedules. The project's result will be similar to Annex D of 1901.

Buyer's Guide Project Status Report – Mr. Miller reviewed the status of the project by subcommittee and noted that great progress has been made. He thanked all the contributors for the time they have provided towards the project.

The current overall progress report for Buyer's Guide project follows:

- 8 Guides Drafted
- 27 Guides Published
- 13 Guides Planned and Pending

Mr. Miller restated his sincere appreciation to all those that have helped toward this very important goal.

Wes Chestnut provided a special presentation on 2021 Greenhouse Gas and Fuel Economy Regulation Guidance.

The attendees broke to meet as subcommittees until 9:00 AM then reconvened and provided brief reports. [Additional Subcommittee breakout session notes follow.]

New Business – none

Old Business – none

Next Meeting Notice – The next meeting of the Technical Committee will be held Tuesday, October 8, 2019 at 6:00 p.m. in conjunction with FEMSA/FAMA Annual/Fall Conference at the Toronto Marriott Downtown in Toronto, Ontario.

Adjournment – With no further business to come before this meeting, upon motion duly made and seconded and no further discussion, it was:

VOTED: To adjourn at 8:30 a.m.

A true copy, attest:

Sonya Kelly

Subcommittee Breakout Session Reports:

A. Aerial/Quint – None

B. ARFF –

- The next meeting for the NFPA ARFF Technical committee will be in 2020. No firm dates have been set up yet.
- Still working on the ARFF Buyer's Guide
- FAA AC 150/5220 -10E is still being updated and should be available later this summer. This will impact the Buyer's Guide.
- Onboard AFFF foam testing is a hot topic right now.

C. Ambulance – None

D. Body – None

E. Chassis –

- Reminded group of Basecamp – passed around sheet for 1st timers to sign up
- Announced Melissa Dobbs as co-chair of the committee
- Checked on status of 2 outstanding drafts of Buyer's Guides
 - Tires – Phil Arnold has provided draft – Crowel to review and send to Doug Miller
 - Front Suspension – Chris Batsch from Hendrickson is drafting
- Suggestions for other Chassis Buyers Guides – none
- Status of Clean Cab White Paper
 - Beecher presented at FDSOA
 - White Paper being drafted using presentation
- Greenhouse Gas 2021 – Wes Chestnut Q&A
 - Can Wes help us understand difference between MY of engine vs. MY of vehicle? Wes will advise.
 - Who holds the certificate for certification – body or chassis builder? Wes will advise.
- Mark Bartlett – FMVSS 1.21
 - Was written before ABS braking systems
 - Are brake release timing and service vs. apply still relevant?
 - Mark suggesting FAMA to submit proposal for rule change given change in ABS brake technology.
 - Mark to draft proposal for review by FAMA (chassis then technical then board)

F. Electrical – None

G. Foam – None

H. Pumps & Plumbing – None

Attachments:

Member Company Attendance
Sign-In Sheets

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Member Company Attendance
[based on meeting registration/sign-in at meeting]

Akron Brass Co.
AMDOR, Inc.
Apparatus Equipment & Service, Inc.
Code 3, Inc.
Cummins Inc.
Custom Fire Apparatus, Inc.
Danko Emergency Equipment, Co.
Elkhart Brass Mfg. Co., Inc.
E-ONE, Inc.
Federal Signal Corporation
Fire Lion Global LLC
Fire Research Corporation
Firovac by Reberland Equipment Inc.
Fort Garry Fire Trucks
Freightliner Trucks
H.O. Bostrom Company, Inc.
HAAS Alert
Hale Products, Inc.
Hansen International, Inc.
Harrison Hydra-Gen
HiViz LED Lighting
HME Ahrens-Fox
IMMI
KME Fire Apparatus
Maintainer Custom Bodies

Marion Body Works, Inc.
Metalfab Ltd.
Michelin North America
OFAB Inc.
Pierce Manufacturing, Inc.
Power Products LLC
Pro Poly of America, Inc.
Rescue 1
ROM Corporation
Rosenbauer America, LLC
Safetek Emergency Vehicles Ltd.
Seagrave Fire Apparatus LLC
Smart Power Systems
Spartan Emergency Response
Sutphen Corporation
SVI Trucks
Task Force Tips, Inc.
The Will-Burt Company
Trident Emergency Products, LLC
Valor First Responder Seating
VT Hackney
W.S. Darley & Company
Ward Diesel Filter Systems
Waterous Company
Whelen Engineering Co., Inc.