



FIRE APPARATUS MANUFACTURERS' ASSOCIATION

P.O. Box 397 · Lynnfield, MA 01940-0397 · Phone/Fax 781.334.2911

MINUTES
FIRE APPARATUS MANUFACTURERS' ASSOCIATION
TECHNICAL COMMITTEE MEETING
APRIL 25, 2013
INDIANA CONVENTION CENTER, INDIANAPOLIS, IN

*Member Meeting Sponsors: ROM Corporation and Waterous Company
Corporate Sponsor: PennWell Emergency Services Group*

Call to Order – by Co-Chair Damon Lewis at 8:06 a.m.

Proof of Notice – Notice of this meeting was provided to all Technical Committee representatives and FAMA members on February 12, 2013, via email.

Roll Call – A quorum was declared with 64 member companies present at the start of the meeting. [See attendance and sign-in sheets attached to these minutes.] First-time attendees and new members were acknowledged and welcomed.

Meeting sponsors were introduced and thanked for their generosity and support.

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

VOTED: That the minutes of the August 2, 2012 Technical Committee Meeting (Denver, CO) be entered into the records of the association.

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.

Welcome & Update – President Harold Boer welcomed all in attendance. He also welcomed representatives from the University of Illinois Fire Service Institute, and noted that FAMA will explore ways in which to work with the Institute on FAMA projects.

Mr. Boer provided a brief summary of the FAMA spring meeting from March; there were great presentations by Mark Light and Anirban Basu that will tie into FAMA's statistics; discussions about NFPA revisions – 1901 Standard is up for review this year; examine whether the cost-to-benefit ratio is justified.

Welcome to FDIC – Chris McLoone, Associate Editor of *Fire Apparatus & Emergency Equipment* magazine, and representing the FDIC and PennWell Emergency Services Group, welcomed all to Indianapolis and the 2013 FDIC conference. He expressed appreciation for the continued support of FDIC and PennWell products, and for member contributions of written articles for publication through the FAMA Forum column. He noted that this is a critical column in the magazine and serves as an opportunity for FAMA member companies to communicate with their customers.

Technical Committee Action Items – Mr. Lackore provided a power point presentation that outlined the committee's initiatives for the coming year. He also reviewed ongoing work relating to monthly articles for the FAMA Forum column; Fire Apparatus Safety Guide meetings in Harrisburg and Baltimore are planned; support of the FDSOA Apparatus Symposium – providing recommendations on



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presentations, topics, outlines, and learning objectives. The next symposium is slated for January 19-22, 2014, in Orlando, FL.

Tech Portal: Basecamp – Mr. Lackore reviewed the new Basecamp web portal for the Technical Committee and all subcommittees. A brief training session was held to help members understand the ease of use and benefits of this communication tool.

Presentation: New NFPA Process – Mr. Ryan Depew, Staff Liaison of the National Fire Protection Association (NFPA), served as the keynote speaker for this meeting. He encouraged members to understand and participate in the NFPA process and be aware of the changes in the process that are underway. The NFPA provides a documents information page for all standards; members can sign up for alerts. (See, www.nfpa.org/1901 for example, or insert pertinent standard number.)

July 8, 2013 is the closing date for public input to NFPA 1901/1906. FAMA representatives to certain NFPA committees may be contacted directly, and include:

- 1901 (Apparatus) – David Durstine (principal); Mike Schoenberger (alternate)
- 1917 (Ambulance) – Jack McLoughlin (principal); Steve Rowland (alternate)
- 1500 (Occupational Safety & Health) – Roger Lackore (principal); alternate seat pending
- 414 (ARFF) – Marty Huffman (principal); Paul Powell (alternate)
- 18/18A (Foam/Wetting Agents) – Jerry Halpin (principal); alternate seat pending

New Business

Chairman's Award – It is the pleasure and honor of the Technical Committee leadership to acknowledge an individual each year who has shown outstanding dedication, effort and commitment to the committee. This year's recipient has been involved with the association and the committee for several years, and served as a past committee chairman. David Durstine (Akron Brass Co) was named as the Chairman's Award recipient for 2012.

Subcommittee Breakout Session

Subcommittee Reports to the Full Committee (official notes for minutes to be provided by subcommittee chairs in Basecamp or via email)

A. Aerial/Quint – by Jim Salmi

- Eleven (11) members in attendance.
- Discussed Basecamp and getting proper invites on the site.
- Reviewed platform handrail loadings – 225 lbs. in any location or direction
- Reviewed platform door loads to be restrained to not open. Research done on other standards for a reference point - not much found in technical standards from other industries. Current proposal is that a 1000Lb load should not open the door
- Encourage participation in NFPA task group and submitting proposals before the July 8th deadline.
- Discussed implication of ULC §515 on NFPA 1901 standard. ULC §515 was issued as of 2012 and has new material on aerials, particularly in envelope control.



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B. Ambulance – by Steve Rowland

- Break-out session attended by 13 participants. - Discussion of the general "state of acceptance" of the NFPA-1917 Standard in the 50 states. Consensus was that very few states, possibly only one, are actively pursuing adopting the Standard for use in their state. The reason being that the states regulate, license and inspect ambulances in an entirely different fashion than fire apparatus.

- Discussion followed on the need to determine a purpose or guiding principles for the ambulance sub-committee. Two prominent ideas were:

1) Development of a White Paper or simpler booklet to explain the impact and/or benefits of NFPA-1917 for use in advocating for a broader acceptance in the EMS community.

2) Development of training and industry advocacy for continued improvement in EMS personnel safety behaviors such as wearing seatbelts and safe driving habits. This could follow the same model fire service leaders used in the 1980s and 1990s to reduce unsafe firefighter behaviors like tail board riding and fighting fires without bunker gear.

- A Basecamp discussion will be started to continue discussions on these issues with a progress report prepared for the next committee meeting.

C. ARFF – as reported verbally by Marty Huffman

Subcommittee discussed: off highway engines tier 4; basecamp; interactive document/FAA requirements; turrets stream reach needs to be addressed in the documents in next cycle; nozzles.

D. Body – by Bill Proft

1. Bill Proft asked that all Body Sub-Committee members email him at bproft@piercemfg.com so that he has the correct addresses to include on Basecamp.

2. Discussed the up-coming due dates for NFPA 1901 changes. Bill Proft offered to submit all of the changes that the sub-committee had been working on over the last few years as recommendations from this committee. Everyone agreed.

3. Continued discussion of some NFPA 1901 changes including winch receivers, UN storage cylinders, and compartment drains and vents, and SCBA storage provisions. Bill Proft will provide drafts of the changes for the sub-committee to review.

E. Chassis – by Tim Johnson

Committee membership-any changes in your organization?

Members in attendance will review membership list and update

NFPA 1901/1906

The NFPA Apparatus is starting the next round of changes. We would like to address the committee on the following:

Adopting FAMA common safety signs

Adopting FAMA graphical symbols

Seating geometry based on NIOSH studies



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Our 2007 and 2010 Engine Emissions publication:

Discussed the good comments we have heard about the DPF/SCR Guidance Document. Committee determined that we need to update the document relating to Cummins engines

Impact of upcoming EPA hearings on tire requirements:

The committee discussed the proposed changes to the requirements. Chestnut and Johnson will monitor when hearings occur so comments can be made

NFPA 1981 – SCBA Bottle Holder Initiative:

Update on progress on NFPA 1981. Committee decided to move forward with comments

Heavy Vehicle Fuel Identification Initiative:

Chestnut discussed the current position, and is continuing to monitor. He will advise when and if testimony is needed

NHTSA ESC Proposed Rulemaking:

No update on any impact of submitted comments to NHTSA from FAMA requesting an exemption for Tractor Drawn Aerial apparatus. Comments to NHTSA from FAMA requesting an exemption for Tractor Drawn Aerial apparatus have submitted

Comments from Committee Members-none

F. Electrical – as reported verbally by John Doperalski

Reviewed chapters of NFPA standard; will clean up some of the pertinent chapters; SAE committee reformed; discussed new information on touch screens on vehicles and limit on time.

G. Foam – by Gregg Geske

Break-out session attended by 18 participants. Have an opening on the Foam Subcommittee for a Vice Chair - a volunteer was sought; Chris Efta initially volunteered and then deferred to Mike Dupay.

-Group was advised that invitations will be sent out the week of April 29th from Basecamp to set up members for access to minutes and ongoing discussions of topics.

-Discussion of previous outstanding topics was held. Results from meeting at IAFC were:

Annex material regarding foam tank refill systems

The group agreed to recommend wording in the second option listed in the FAMA Agenda topics.

“Slip and fall potential exist on and around fire apparatus that pose a safety hazard to fire personnel, this includes the process of manually refilling concentrate reservoir tanks with fill towers located on the top of apparatus. To increase firefighter safety, use of a concentrate reservoir refill system should be considered to replenish the cell from ground level.”

Regarding wording proposed for A.20.3.1, the group recommended a slight modification as follows:



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Proportioning systems that introduce foam concentrate or other additives into the water pumping system have the potential to backflow solution into an external water source. Backflow prevention devices utilized in the water piping prior to the introduction of the water additive are designed to prevent such occurrences. Use of these devices may create additional friction loss in the system and should be used or installed following the proportioning system manufacture's recommendations.

It is planned that these suggestions will be forwarded for introduction for comment on revision of NFPA 1901.

-Other new or open projects that require discussion:

- Testing of around the pump systems on apparatus.
- Foam viscosity testing and listing and clarification of measurement.
- Third party testing of foam systems on apparatus.
- UHP foam systems.

H. Pumps & Plumbing – by Chad Trinkner

- Reviewed proposal of adding UHP to NFPA 1901.
- Determined that the starting point for UHP was a minimum of 1200 psi.
- Determined there would be no cap on maximum psi.
- Open discussions still remain on the safety factor for testing the components beyond the pump.

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 9:46 a.m.

A true copy, attest:

Karen H. Burnham
Recording Secretary

Attachments:

Member Company Attendance
Sign-in Sheets
Tech Corner article: FAMA "Flyer" Summer 2013



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MEMBER COMPANY ATTENDANCE

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A & A Manufacturing Co. Inc.
Akron Brass Company
Alexis Fire Equipment Co.
Allison Transmission
Aluminum Ladder Company
AMDOR, Inc.
Bauer Compressors, Inc.
Boise Mobile Equipment Inc.
Bostrom (HO) Company Inc.
Bulldog Fire Apparatus
C.E.T. Fire Pumps Mfg. Inc.
Cast Products Inc.
Code 3 Inc.
Cummins Inc.
Cummins Onan
Custom Fire Apparatus Inc.
Danko Emergency Equipment
Detroit Diesel Corporation
E-ONE
E.J. Metals
Eagle Compressors Inc.
Elkhart Brass Mfg. Co. Inc.
Federal Signal Corporation
Ferno-Washington Inc.
Ferrara Fire Apparatus Inc.
Fire Research Corporation
FoamPro, div. of Pentair
Fort Garry Fire Trucks
Freightliner Trucks
Hackney Emergency Vehicles
Hale Inc.
Hansen International Inc.
Harrison Hydraulic Solutions
Hendrickson
HME Inc.

IMMI
Intec Video Systems Inc.
KME Fire Apparatus
Kochek Company Inc.
Kussmaul Electronics
Marion Body Works Inc.
MaxxForce Engines
Navistar/International Truck
Oshkosh Corporation
Pierce Manufacturing Inc.
Pro Poly of America Inc.
Rescue 1
Rosenbauer America LLC
Smart Power Systems
Smeal Fire Apparatus Co.
Spartan Chassis
Spartan ERV
Spartan Motors Inc.
Sutphen Corporation
SVI Trucks
Task Force Tips Inc.
Tempest Fireco Towers LLC
Trident Emergency Products
U.S. Tanker – Fire Apparatus
United Plastic Fabricating Inc.
W.S. Darley & Company
Waterous Company
Whelen Engineering Co. Inc.
Ziamatic Corp.

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Subcommittee	Name	Company	Telephone	Email
1 BODY	WILLIAM BRUNS	UNITED PLASTIC FAB	998 360 4546	BRUNS@UNITEDPLASTIC.COM
2 CO-COORD	ROGER LACKORE	PIERCE/OSHKOSH	920 450 2818	R.LACKORE@OSHKOSH.CO
3 AFF-COORD	MARTY HUFFMAN	Rosenbauer	651-755-7358	martyhuffman@rosenbauer.com
4 ARFF	Paul Powell	ROSENBAUER	651-788-6745	ppowell@rosenbauer.com
5 ARFF	JS Jener	E-ONE	352-861-3327	jjenner@e-one.com
6 AERIAL	CHIP GODSON	E-ONE	352-861-3670	SGODSON@E-ONE.COM
7 Foam	DAVE BURNS	TASK FORCE TIPS	605 321-0102	dgb@tft.com
8 Foam	KEVIN QUINN	ESMEPAC	920-779-9913	Kevin.J.Quinn@esmetals.com
9 Elec	Don Reed	METZ	309-482-6121	donreed@metz.com
10 Ambulance	John Harrel	CAST PRODUCTS	800 468 2278	johnh@castepi.com
11	Harold Boer	Rosenbauer	605-547-5591	hboer@rosenbaueramerica.com
12 12 Volt	Neil Bjornstad	Pierce MP	920-832-4244	nbiornstad@turno.com
13 Chassis	DAN RUSHEIL	HENDRICKSON	317-850-4943	dusher@hendrickson-intl.com
14 Body	Shane Krueger	Marion Body Works	715-784-5261	SKrueger@marionbody.com
15 Body	Ken Czerwinski	A-A-W	262-853-0978	Ken.czerwinski@aaham.com
16 Body	Jonathan Jones	Pierce Mfg	907-620-2218	jones@piercemfg.com
17 NFPA	RYAN DEFEE	NFPA	617-884-7085	RDEFEE@NFPA.ORG
18 PUMB	JEFF VAN METEN	HAILE PRODUCTS	352-266-8878	JVANMETER@IOEXCORP.COM
19 Electrical	Tek Merg	FRC	631-724-8888	tek@fireresearch.com
20 Aerial	Drew Stephen	Stephen Corp	614-582-0275	DrewStephenCorp@aol.com
21 Ambulance	Chad Newsum	Rescue 1	732-223-1411	chadnewsum@plcustomers.com
22	Bill Brown	Fire Research	928 522-4656	B.Brown@fireresearch.com
23	Don Leedy	Williams Fire	451 336 1000	don.leedy@tycofp.com
24 BODY	ERIC SCHWAGER	SPENCER FIRE APPARATUS	(402) 568-2994	eschwager@sfah.com
25 Foam	Bill LaLonde	Akron Locusts	712-320-3859	bill.lalonde@akronlocusts.com
26 Chassis	Dave Drebbel	Commings	812-377-1819	dave.drebbel@commings.com
27 Foam	GREG CASSE	Warehous	651-450-5036	GCASSE@WAREHOUS.CO.COM
28 Foam	Mark Handrick	Waterbury	651-450-5733	mhandrick@waterburys.com
29 Foam	Ray Ray	FRC	954-214-4580	R.RAY@FIRERESEARCH.COM
30 Ambulance	Robert Hurtle	FRC	262-539-9400	rhurtle@fireresearch.com

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1	WAMP	Karen Brown	669-461-7000	BOB.M.D. JUNE 14/11 @ KOSERAPACE.COM
2	Electric	Male Class 1	610-772-4079	5 Feldman @ IDEX Corp. Com
3		Advanced Lander	843-319-4995	KAREN.MELLE @ FIRE-ADDER.COM
4	co-chain	cede 3	913 940 6577	allen@cedes.com
5		Custom Fire Apparatus	715 204 2555	Kristi@custonfire.COM
6	Foam	Fire Research Corp	631 724 9800	neeces@firesearch.com
7		ILLINOIS FIRE SERVICE INST	217-848-6507	aspice@illinois.edu
8		MARCELO GROUP	800-875-5440	m.johanan@magagnepi.com
9		PRIDANT	930-612-3567	BROWN.FIRE @ THE.COM
10		MARION BOLD INC	715-754-5261	AROSEMAN@marionbold.com
11	Electrical	INTER VIDER	949-857-3800	JIND@INTERVIDER.COM
12		PIERCE MANUFACTURING	941-443-5272	R.DOS SANTOS @ PIERCE MFG.COM
13		Illinois Fire Service Institute	217-244-5755	glenn@illinois.edu
14		NFPA	617 984 7299	KWILLETT @ NFPA.ORG
15	Electrical	HALE	352-361-6308	guy@hailecorp.com
16	High Voltage	FRC	607-731-3435	eddy@firesearch.com
17		Switcher Corp	614-889-1005	sgrove@switcher.com
18	Body	Revue 1	732 416-1935	Custom.Com
19	Body	PIERCE	920-832-4204	bprofit@piercemfg.com
20	Form	William's Fire	713-660-8796	Joe.Stone@syphen@TypesFF.com
21	Armour	SMERAL FIRE	402-568-2224	Chuck@smearl.com
22	Aerial	Akron Brass	309-303-6470	trav@akronbrass.com
23	CHASSIS	CUMMINS	414-570-7153	michael.e.bartkowski@cummis-an
24	ARFF	William's Fire	317 242-6242	lauren@williamsfire.com
25	Plumbing	Setpha	642-203-2206	Setpha@setpha.com
26	Electric	Nareison	352-895-7978	japen@nareisonhydrogen.org
27	CHASSIS	NAVISTAR MAX FORD	260-414-1860	Jim.Ham@NAVISTAR.COM
28	Chassis	Pierce	920-832-3242	cstangle@piercemfg.com
29	Aerial	Airce	920-832-4247	jblawer@piercemfg.com
30	ARFF	H.O. Baston	242-342-0222	Brianna@hoboston.com

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1 PUMP	STEVE REEDY	ROSENBAUMER	651-462-1000	STEVE.REEDY@ROSENBAUMERAMERICA.COM
2 PUMP	STEFAN WAGNER	ROSENBAUMER	+43 664 80 619 3366	stefan.wagner@ROSENBAUMER.COM
3 Elec	MIKE SHULL	Alexis	309 297-0008	mike@alexiscine.com
4 Foam	TIM KIRVIDA	CUSTOM FIRE	602 747-7201	JIMR CUSTOM FIRE, COM
5 Pump	ROBERT GREENMAN	VST	262-347-3413	robert@vstank.com
6 Chassis	UPENDRA DESHMUKH	CUMMINS	812-372-0688	upendra.deshmukh@cummings.com
7 Chassis	TIM JOHNSON	ROSENBAUMER	470-231-6145	tim@rosenbauerameric.com
8 CHASSIS	DAVID ARCHER	PIERCE	920 420 1898	DAVID.ARCHER@PIERCEHY.COM
9 CHASSIS	DAVID OVERHOL	HENRICKSON	630-874-9719	davidoverhol@henricksonhy.com
10 PUMP	MARK COLEY	FERRARA	352-875-8485	MARK.COLEY@FERRARA-FIRE.COM
11	STEVEN BROWDER	KOISER	559-930-1298	steven@koiser.com
12	SANDY LOPEZ	KEISER	559-940-4205	Sandy@Keiser.com
13 CHASSIS	MATT STOCKER	BOESE MOBILE EAST	208.602.5020	MATTHEW@BOESE.COM
14 Chassis	KEVIN'S MOUNTAIN	KEVIN'S MOUNTAIN	208 994-9793	kevin@kevin'smountain.com
15 ARFF	TROY PEDGETT	KEVIN'S MOUNTAIN OSHKOSH	920-216-1345	tpedgett@oshsport.oshkoshcorp.com
16 Body	PETER DUCKEN	Dartan	708 345 8050	pducken@dartan.com
17 Foam	CHUCK HEDENHANS	Holt / Class	352 266 5248	chuckh@hdcorp.com
18 Foam	CRAIG LECY	FRC	763 567 8494	clacy@fireresearch.com
19 PUMP	T. ROANE	GRANT GRASS	407-312-1681	TROANE@GRANTGRASS.COM
20 Body	KEVIN KUSEMAUL	Sutphen	614-554-4519	Kevin.Kusemaul@Sutphen.com
21 Body	STEVE TOUCHTON	Rom Corp	630-715-2417	STOUGHTON@ROMCORP.COM
22 Chassis	LISA BARWICK	Pierce mfg.	920-279-7739	Lbarwick@piercemfg.com
23 ARFF	DAN KRAEMER	DANKO	402-568-2800	DAN@DANKO.NET
24 Body	JACK SIEIN	WINN	503-351-1744	STEVE'S OWN - COM
25	DAVID WRIGHT	WINN	11	11
26 ELB/PIPE	THOMAS AUGMENT	KUSEMAUL	631-567-0314	NUMENT@KUSEMAUL.COM
27	BRUCE THOMPSON	FVFA	845-545-0880	ST
28 Pumps	TOM METTLER	Waterous Co	651-450-5053	TJmettler@waterousco.com
29	GARY MALON	Trisquare	414 708 0853	GRIFF.MALON@trisquare.com
30 Foam	JEFF DARLEY	DARLEY	715-726-2650	JeffDarley@Darley.com

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1 Chassis	Rickie Fik	FRC	989-480-7851	rickie.fik@frc.com
2 Team	Jim Greyer	SURPHEN	614 876 1262	jgreyer@surphen.com
3	Colin Houaif	TEARPEST	534 285 0733	chouaif@tearpest-edge.com
4	CURT JOHNSON	"	554 264 7773	curt4@"
5 Body	Mark Krekemeier	Danko Emergency Equip	462-528-2200	mark@danke.net
6 Pumps & Plumb	John Swanson	Kochek	860-933-6062	jswanson@kochek.com
7	Stuart Toran	Waterous	612-963-5158	stuart@waterous.com
8 Ambulance	Ron Lack	Federal Signal	708-534-3400	rlack@fedsignal.com
9 Body	Andrew Manser	PIERCE	920-832-3000	amanser@piercenf.com
10 CHASSIS	JEFFREY ANDREANA	PIERCE	920-470-4974	jandrea@piercenf.com
11 chassis	Raul Boshorn	HO Boshorn	262-391-5465	raul.boshorn@hoshorn.com
12 Chassis	Ben Lealey	H A Boshorn	262-542-0222	ben.lealey@hoshorn.com
13 Electrical	Bos Lock	Four Gears	708-665-2125	block@fgft.ca
14 Chassis	Randy Pennington	Freightliner	913-515-1172	randy.pennington@edaimler.com
15 CHASSIS	STEVE REED	Daimler Truck	803-578-3503	STEPHEN.REED@DAIMLER.COM
16 Chassis	Jeffrey Maser	Building	508-435-4800	jmaser@bulldog.com
17 FORTH	JIM MATHEN	T.R. Jochen	610-733-7986	JMATHEN@TRJochen.com
18 Foam	MIKE DUPAY	Foampro	651-766-6321	MIKE.DUPAY@Foampro.com
19 Body	Dave Rutterman	Eagle Compressors	326-378-8000	dave.rutterman@eaglecompressors.com
20 Pump	Jason Darley	Darley	715-456-9390	Jason.Darley@Darley.com
21 Chassis	Tammy Lavidash	911 Seats	108 215 2592	+Lavidash@seatsinc.com
22 Ambulance	Keith Greely	Ziamatic Corp	215 493 3618	KGreely@ziamatic.com
23 Foam	ALVIN BOVARDHU	Get Fire Pump	430-568-2719	ALLAN@FIRE-PUMP.COM
24 ELECTRICAL	ORR MANSER	AMORR	908 923 1089	ORR@amorr.com
25 Electrical	MARC THIBODEAU	CODE 3	314 426 2700	mlthibodeau@code3pse.com
26 Pumps	Eric Combs	Elkhart Brass	574-536-0947	ecombs@elkhartbrass.com
27 Elec	WILL IFAH	SMART POWER	248 396 2414	wleach@smartpower.com
28 Chassis	JASON DAVIS	KME	570-656-0021	jason.davis@kovaht.com
29 Electrical	Dan Koeck	WHELEN ENG -		
30 Electrical	PAUL DEMING	WHELEN		pdeming@whelen.com

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Subcommittee	Name	Company	Telephone	Email
1 CHASSIS	Jon Zeanner	REFRIG MFG	920 830 4484	jzeanner@preeminty.com
2 HDR	Stephanie Strieg	Pierce Mfg	920 830 3169	sstrieg@preeminty.com
3 Pump & Pumping	Michael Sullivan	Trident	215 293 0700	msullivan@tridentpump.com
4	Chris Kleinhuizen	H O Bestram	262 542 0222	christk@hobestram.com
5 CHASSIS	MATT LYONS	DAIMLER TRUCK	803-323-6897	matth@weldarinc.com
6 Elec	Pete Luhrs	Weldon (Alcon)	330-263-9302	ph@weldarinc.com
7	Dan Dunsire	AKRON BRASS	330 247-7031	dunsire@akronbrass.com
8 ARFF	JEFF BENSON	AKRON BRASS	440 330-282-7136	ibenson@akronbrass.com
9 Loan	RICH Teske	Trident	215 293-0700	rich@tridentpump.com
10 Plumbing	Bill Carroll	HMA	352 598-5221	bill@hmacorp.com
11 AERIAL	REIN WISSER	SPARTAN ERI	405 582 4082	rein.wisser@spartaneri.com
12 ARFF	Rebecca Schenk	Allison Transmissa, Inc.	317-242-3101	Rebecca.Schenk@allisontransmission.com
13 Chassis	Mike Adams	Zigomatic	215-801-0417	madams@zigomatic.com
14	SCOTT STRANKO	INM1	317-867-8455	SCOTT.STRANKO@INM1NET.COM
15 Body	Ned Dixon	VT Hauling	252-258-2024	ndixon@vthauling.com
16 Electrical	Kerth Hargreaves	VT Hauling	252-623-9084	Khargreaves@vthauling.com
17	Dan Cullig	Elkhart Brass	360-772-4947	dcullig@elkhartbrass.com
18 CHASSIS	BRIAN CHART	DETROIT DIESEL	313-592-7670	BRIAN.CHART@DAMLER.COM
19 Aerial	JOE McCLINTON	KONE Fire Apparatus	570 609-5233	jmcclinton@konech.com
20 Body	Bruce Whitelouse	AMPOR	205 467 8905	bruce@ampor.com
21	SPERRY HANSEN	CEI		
22 Chassis	Matt Lewis	Allison Transmissa	248-640-9421	matt.lewis@allisontransmission.com
23	Chuck Drake	FENDO	574 596 2074	cdrake19963@gmail.com
24 Body	Mike Rednar	Hansen Intl.	484-264-7153	rednar@hansenintl.com
25 Pump	Sally Bu	Small Fire Apparatus	442-328-2224	sallyb@smallfire.com
26 SAFETY	MARK BARILETT	SPARTAN CHASSIS	512-231-2679	mark.barilet@spartan-chassis.com
27 CHASSIS	DAN PUNG	"	517 543-6400	daniel.pung@spartan-chassis.com
28	Mary Murphy-Overmann	Windmill Hill Consulting	314-369-9669	mary@windmillhillconsulting.com
29	Gabriel Steinbach	Windmill Hill Consulting	314-504-0945	gab@windmillhillconsulting.com
30 Electromechanical	Pete Sumner	C.S. Mechcraft & Co	847 866 1536	psumner@cmchcraft.com

April 25, 2013

FAMA Technical Committee Meeting
Attendance / Sign-In

Indiana Convention Center
500 Ballroom
Indianapolis, IN

Subcommittee	Name	Company	Telephone	Email
1 Foam	Matt Pitzer	FRC	616-307-7683	m.pitzer@finresearch.com
2	John Gudekatt	Tempest Tech	559-360-9011	john@tempesttech.com
3 Pump/Plumb	Chad Trickett	Pierce mfg	920-832-3407	ctrickett@pierce-mfg.com
4 Pump/Plumb	Brian Heinrich	Fire Research	973-747-8030	brian@fireresearch.com
5 Chassis	Kenneth Hendrick	Smart Air Apparatus	402-568-2981	kenneth@smart-air.com
6	Matthew Hendrick	Smart Air	762-5365	
7				
8	Robert O'Sullivan	USALERT LLC	561-301-3237	Robert@usalert.com
9 Aerial	Jim Salami	Scorpion EVL	605-582-4081	Jim.Salami@scorpionevl.com
10 Chassis	Chad Morris	Harrison	281-807-4420	chad@harrisonhydraulics.com
11 Pump	Ryan Dutton	Dutton	708-267-6288	Ryan@dutton.com
12 Body	Tim McGuire	Bauer Compressors	510-909-2476	Tim.McGuire@bauer-sf.com
13 Plumbing	Justin VanCamp	Pierce MFG	920-832-4254	justincamp@pierce-mfg.com
14 CHASSIS	MITT HORN	N.O. BOSTICOM	262-542-0222	mitt@nobosticom.com
15	MIKE DUYER	NTE	608-222-5591	
16 FOAM	PETER SOMERTON	FORTGARD/FIRETR	208-564-3473	p.somerton@fortg.com
17 MASSIS	MARK FATO	FREIGHTLINER	903-510-3424	mark.fato@freightliner.com
18 Aerials	Rob Krieger	RescueOne	402-521-4634	rob@rescueone.com
19 Pump	Tam Mehmke	Port Gung Fire Truck	204-544-0460	Tmehmke@portgung.ca
20 Pump	Dave Kelley	KME	570-233-1410	dKelley@kme.com
21	Bob Clark	1st Priority	973-660-7672	BobClark@1stpriority.com
22 team	Bob Hostler	Foam Pro	651-766-6411	Bob.Hostler@foampro.com
23	ANDY KISNER	NAVISTAR/MAXFORCE	331-332-6094	andy.kisner@navistar.com
24 Pump	Kyle M. Darley	W.S. Darley	(715) 225-2611	KMD@Darley.com
25 CHASSIS	JOHN ENGLER	TELMA	(510) 754-1397	JOHN.ENGLER@TELMA.COM
26 Pump	DAVE VERSTEEG	SPARTAN EVL	605-261-8415	dave.versteeg@spartan-evl.com
27	SARIE EFTA	CEI	845-862-5024	sarie@fiat-pump.com
28 Electrical	Ron Houtveen	Aundor	603-62506410	Ron@houtveen.com
29 BODY	NICK DEAN	PRO PULV	715-886-5599	NICK@PROPOLYMERUSA.COM
30 Pump/Plumb	Pete Lauffenburger	AKRON BROS	330-62-6576	plauttenburger@akronbros.com

FT Signin Sheet

Aerial

John Brady

KME

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787

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Wesley D Chestnut Spartan Motors, Inc
Kyle Finkbeiner " " "

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KEN WATERS - SUTTER CORPORATION

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or
Chevy?

FAMA Technical Committee Meets at FDIC 2013



BY CHRIS MC LOONE, Associate Editor, Fire Apparatus & Emergency Equipment

At the 2013 Fire Department Instructors Conference (FDIC), the Fire Apparatus Manufacturers' Association's (FAMA) Technical Committee held one of its two meetings for 2013. The agenda included industry and FAMA updates, as well as naming the 2012 Chairman's

Award recipient. The meeting was sponsored by FAMA member companies ROM Corporation and Waterous Company, with corporate support by PennWell Emergency Services Group.

FAMA Updates

FAMA President Harold Boer started the meeting by introducing two guests from the University of Illinois Fire Service Institute (IFSI), Dennis Spice and Gavin Horn. Boer explained that IFSI is looking to help FAMA through research on different projects and encouraged FAMA members to meet with them during the meeting.

Boer continued with an update from the association's spring meeting. He reported that there were great presentations on both statistics and surveying that gave FAMA a good idea of what its members' customers are asking for and how customers are getting information from manufacturers.

Boer challenged the group to use good judgment when working on standards committees. "When you are reviewing and proposing NFPA revisions and new proposals, take a look and decide if the cost/benefit ratio is justified," he said. "Is there a problem? Is the proposed solution going to solve it? Is it worth the cost to do it?" He cited that there have been good examples of identifying problems and coming up with solutions. One

problem was hose falling off trucks. "It was a definite problem," he said. "We came up with a solution for it. It solved the problem and it was relatively inexpensive to do it. That was a very good solution." Subsequently, Boer clarified that budget cuts and rising costs force departments to run older units longer. As a fire chief for over 35 years and with sons in the volunteer service, he is perpetually concerned about safety and wants to see older units taken out of service. Boer said he understands the ever-present challenge of balancing safety and cost commenting, "The safest truck in the world does no good if it is unaffordable."

FAMA Initiatives for the Year

Roger Lackore, co-chair of the Technical Committee presented FAMA initiatives for the current year. They include:

- Increasing use of Basecamp
- Reorganizing the white papers and resource sections of the FAMA website
- NFPA 1901/1906 participation
- Helping to organize technical content for the Fire Department

Safety Officer Association (FDSOA) Apparatus Symposium

- Developing a Fire Apparatus Safety Manual
- FAMA Forum in Fire Apparatus & Emergency Equipment
- Publishing a quarterly e-newsletter

Regarding the FAMA Forum, Lackore went over the schedule for the remainder of the year. Although articles are currently slated through the end of 2013, Lackore stated that if someone has a message they really need to communicate, the schedule is flexible. "If somebody has some burning issue that you really need to get out to the industry, we can always adjust this a little bit and try to get you in there," said Lackore.

Another initiative is publishing a Fire Apparatus Safety Manual. Basically, it's a glove-compartment-sized manual that would cover all the safety issues around using an apparatus. Lackore called for participants to join the ad hoc committee to develop the manual. Plans call for this committee's first meeting to be on July 24 in Baltimore, Maryland. The manual will be published through FAMA, and fire apparatus manufacturers can buy the books in bulk and send them with every apparatus.

Lackore also commented on FAMA's involvement with the FDSOA's Apparatus Symposium. The Apparatus Symposium turned a profit this year, and the FDSOA remains committed to continuing with the Symposium. "Our part of it is to try to provide

presenters for those equipment- and apparatus-related topics,” said Lackore. “We’re providing recommendations. The FDSOA still has the final say on whether or not it likes the presenters. For each presentation this year, rather than just saying ‘here’s a topic,’ the committee sat down and created a detailed outline for each presentation and learning objectives.” He said that



l-r. Mark Haider, Steve Toren, and Tom Mettler

the committee is determining the audience—spec writers or mechanics and service people, for example—and chose presentations to meet the interests of each. Those interested in presenting should see Lackore.

Basecamp

The final portion of Lackore’s presentation involved Basecamp—the new method of communication for the Technical Committee. Subcommittee chairs can use the system to invite members to various projects. When you are invited to a project, you should review the project, update your member info,

add a photo, and participate. Mostly, Lackore said the committee will function more efficiently if people use Basecamp more.

NFPA Process Update

The NFPA has recently transitioned to a new system for standards revision participation. Ryan Depew, the NFPA’s staff liaison to the technical committee on fire apparatus, provided a brief rundown on some of the new aspects of the system, all the while encouraging attendees to participate in the process.

He stated that even though the committee for NFPA 1901 is maxed out at the moment in terms of members, anyone may participate in the process as the standard is revised. NFPA 1901, 1906, and 1917 are all open for public input right now but will be closed on July 8, 2013. The meeting to craft the first draft of the revised standard will be September 9-12.



2012 Technical Committee Chairman’s Award presented to David Ourstine (Akron Brass) (center) by Tech co-chairs Damon Lewis (left) and Roger Lackore (right).

Another important point to remember is that the NFPA is moving away from paper submissions where possible. All information about a particular standard is available online at www.nfpa.org, as well as the ability to submit comments on a standard.



l to r: Roger Lackore (Tech Co-Chair), Steve Touchton (ROM), Damon Lewis (Tech Co-Chair)

Chairman’s Award

The Technical Committee meeting culminated with naming the 2012 Chairman’s Award recipient. The award recognizes an individual who has made significant contributions to the Technical Committee, and this year’s awardee is David Durstine of Akron Brass. “This is a great honor,” said Durstine. “For those of you who are new to the tech committee, this is a great opportunity for your voice to be heard and to be involved. It’s a great organization and I really appreciate it. Thank you very much to all of you.”