SAFETY IS OUR MIDDLE NAME

20th Annual
Apparatus Specification
&
Vehicle Maintenance Symposium

20th Annual Apparatus Specification & Vehicle Maintenance Symposium

February 20 ~ 23, 2008
Rosen Plaza Hotel ~ Orlando, Florida

In cooperation with

Fire Apparatus Manufacturers Association

Fire Department Safety Officers Association
30 Main Street, Suite 6, P.O. Box 149, Ashland, Massachusetts 01721
Voice: (508) 881-3114 • Fax: (508) 881-1128
E-mail: fdsoa@fdsoa.org • Web site: www.fdsoa.org
Good Day:

On behalf of the FDSOA Board of Directors and the Conference Committee, here is the preliminary program for the 2008 Annual Apparatus Specification and Vehicle Maintenance Symposium.

The Conference Committee believes that we have put together another very dynamic program—a program designed, where you, the attendee, will have an opportunity to:

- Listen and learn from some of the "experts" in the fire service
- Meet and interact with the manufacturers, and
- Network with your peers

The Emergency Vehicle Technician, and the Specification Writer both have a major responsibility to the SAFETY of the personnel and equipment. We are dedicated to making your attendance at this program the best possible educational experience you can have this year.

Cordially;

Dave Durstine ~ Ron Ewers ~ Jim Faulkner ~ Chris Hecht
Roger Lackore ~ Al Morganelli ~ Henry Simons ~ Scott Weishaar
David Rathbun ~ Mary F. McCormack ~ Bob Barraclough
Alan Saulsbury ~ Janet Wilmoth
Saturday, January 19, 2008

8:00 a.m.  FDSOA Certification Exams
EVT Certification Exams
Contact: EVT at www.evtcc.org
Emergency Vehicle Technician Association Winter Meeting

Sunday, January 20, 2008

9:00 a.m.  Microsoft Power Point® Training School
Entry ~ Mid ~ Advanced
The training is open to all attendees, manufacturers, and speakers. In this morning session, Sue will cover training for the entry, mid and advanced level for Power Point®. "Tricks of the trade", short cuts, and new 'time-savers' will allow you to shorten your development time in presentations. From clip art to backgrounds to automation -- all will be covered! In addition, Sue offers new ‘professional techniques’ to enhance your presentations and teaching challenges. There is no additional charge for these classes: DON'T MISS IT! Fly down on Saturday and bring your laptop!
Sue Ellen Bartlett, Computer Training Solutions, Annapolis, MD

Moderator Janet Wilmoth

1:00 p.m.  Arrive Alive: Driving School Tips for First Responders
Used by fleet services nationwide and internationally this program is about safe driving systems that can be implemented by fire apparatus and ambulances to reduce response injuries and fatalities during emergency response. Smith also addresses forward-motion accidents, intersection accidents and backing up.
James A. Smith, Sr. Vice President Trng. Smith-System, Arlington, TX

4:00 p.m.  All Speakers Meeting TBD

Sunday Evening

5:00 p.m. - 6:30 p.m.  Welcome Reception
Open to all registrants and manufacturers - come and meet old and new friends! Get “pre-connected” at our welcoming social on Sunday night.

11:30 a.m.  Lunch on your own

1:00 p.m.  Improve your Word and Excel Software Skills
Now that you have learned the tricks of the trade for PowerPoint, why not spend time brushing up on your skills with WORD & EXCEL. You won't be sorry you attended.
Sue Ellen Bartlett, Computer Training Solutions, Annapolis, MD
Monday, January 21, 2008

7:00 a.m.  Continental Breakfast

7:50 a.m.  Getting the Most Out of the Symposium and Networking

* Dennis Litchenstine

Moderator    Alan Saulsbury

8:00 a.m.  Opening Remarks

8:10 a.m.  Keynote Address

*How to Keep Your Butt Out of Jail...The Liability of Apparatus Operators and Spec' Writers*

Mr. Jim Juneau returns to our Symposium for a hard look at the changing attitude toward firefighters and EVT's while specifying and driving a vehicle. It could land someone in jail after the next accident. Jim is one of the nation's most experienced lawyers when it comes to cases involving fire apparatus crashes. A member of the NFPA 1901 committee and legal counsel for the Fire Apparatus Manufacturers' Association, Jim's program offers the latest updates and his thoughts on how to limit the liability for you and your department.

*Jim Juneau, Attorney*
*Juneau, Boll, Ward & Carboy*
*Addison, TX*

9:15 a.m.  An Update on NFPA 1901 ~ 2009 Edition

The "Report on Proposals" leading up to the publication of the next edition of NFPA 1901 was recently completed and the 1901 committee will meet in October of 2007 to consider the proposals. Chief Frazeur, will explain the changes to the current Standard (2003 Edition) and how these changes will affect apparatus ordered after January 1, 2009.

*Don Frazeur, Assistant Chief*
*Los Angeles City Fire Department*
*Chair NFPA 1901 Committee*

10:00 a.m.  Break

10:30 a.m.  The Impact of the 2007 Engines on Apparatus

Now that the 2007 diesel engines are being installed and shipped in fire apparatus chassis, the manufacturers have learned more about the impact of these engines. Our speakers will cover cooling, new designs in radiators and charged-air cooling equipment, air flow around the engines, new cab designs to accommodate the engines and operating temperature impact, engine access and envelope, exhaust systems, air cleaner considerations and fuel lines and tanks, and operating temperatures. Also specific information will be furnished on maintenance and service, parts replacement, and technical level training necessary on the new engines. Speakers will cover performance characteristics of the engines including performance acceleration, pumping, PTO operation, electronics and diagnostic equipment.

*Roger Lackore, Pierce Mfg., Appleton WI*
*Michael Gordon, American LaFrance, Ladson, SC*
*Mark Sackett, Spartan Chassis, Inc., Charlotte, MI*
11:15 a.m.  Building Maintenance into Apparatus Specs

Through the years, many Fire Department technicians have complained about how difficult it is to work on fire apparatus or find information on 'in-service' vehicles. Three experts in our industry will address specific areas that you should incorporate when writing 'your' specifications. Verbiage for specifying accessibility to electrical service panels, fluid level checks, pump-valve-plumbing access and repairs will be reviewed. How to require and secure vendor manufacturers, model numbers, service numbers, service centers, email and Internet resources for maintenance information. Come and ask the 'user' experts!

Rob Anselmi, Toronto ON Fire Department
Harry Holst, Kitchener ON Fire Department (Invited)
Mark Ober, Anderson Twp. OH Fire Department

12:00 noon Lunch

1:00 p.m. - 2:45 p.m. Concurrent Seminars

Designing a Safe Wildland Fire Apparatus

CAL Fire (previously known as California Dept. of Forest) and USDA Forest Service have two of the largest fleets in the U. S. designed to combat Wildland fires. CAL Fire recently updated their specs and placed a large order for the revised Model 34. Both speakers were involved in the process of designing and writing specifications for extreme Wildland environments. They will review some of the unique features and characteristics that are essential in Wildland units and why

Doug Feldman, Rosenbauer America, Granite Bay, CA
Mike Arias, USDA Forest Service Vallejo, CA

2007 Diesel Engine & Transmission Update

New government mandated engine changes have gone into effect this past year and created many questions about diesel engines. This presentation may, however, change the way you look at the new 2007 Engines and Transmission. Representatives from the top engine and transmission manufacturers will update you on their current status of the 2007 engines and transmission and the benefits and enhancements available, especially in the areas of emissions, performance, and the reliability and durability.

Larry Dodson, Allison Transmissions, Indianapolis, IN
Jason Boeker, Sr. OEM Acct, Mgr, Caterpillar, Inc., Peoria, IL
Guy Lemieux, Detroit Diesel, Detroit, MI
Carollin Jackson, Director Diesel, Detroit, MI

Fit for Duty . . . Apparatus Compartments and Equipment Mounting

Apparatus today are equipped with a wide range of tool boards, swing out panels, slide out trays, and unique mounting systems by the OEM manufacturers. Should you specify such equipment on rigs or should the fire department mount their own equipment? Our speakers will cover both new and existing apparatus, the cost to fully mount equipment, how to specify such mounting devices, and how to determine if your budget for equipment mounting is adequate.

Tom Shand, Seagrave Fire Apparatus, Hamburg, NY
Dick Young, Performance Advantage, Lancaster, NY
2:45 p.m.  Break
3:15 p.m. - 5:00 p.m.  Concurrent Seminars

Understanding and Maintaining Apparatus Multiplex Systems
The backbone of new emergency vehicles is computers and multi-plexing technology. Wiring equipment and installations have reached new levels in reliability, as well as complexity. As this new generation of hardware is "hardened" and perfected, fire departments are now receiving the benefits of such equipment. Our speakers will cover the "next generation" in multi-plexing, diagnostics, and advances in such equipment. Are you spec’ing the right "stuff" and what do your EVT’s need to know?

Brad Busch and Matt Branch, Class 1, Ocala, Fl
Pete Luhrs, Weldon Technologies, Columbus, OH

Plug & Play: Specifying Line Voltage Systems on Apparatus
Generators, Floodlights, Reels & Wiring--How do you specify "top quality" electrical components for your new apparatus? Line voltage installations for fire apparatus are unique in nature and design. Speakers will cover the new NFPA 1901 and recommendations for electrical switch panels, circuit breakers, wiring methods, conduits, and serviceability for installations. In addition - they will cover selection of cable reels and electrical cable, which must be sized for specific portable equipment and review several new types of portable flood-lights, tripods, and junction boxes now available for the fire service.

Roger Weinmeister, President
Command Light, Loveland, CO
Rick Fix, Fire Research, Nesconset, NY
Dan Reese, Akron Brass, Wooster, OH

Designing a Truly Safe Tanker
If your department operates a tanker, this session is a must! The USFA estimates that tankers account for only three percent of all fire apparatus in the United States, but are the most likely vehicle to be involved in a fatal crash! This presentation looks at tanker designs, and technology enhancements that will help you to build a safer tanker. Don’t let your department become a part of a tanker fatality statistic.

Chris Hecht, Chief, Sister Bay & Liberty Grove Fire Department Door County, WI
Glenn McCallister, Semo Tank, Perrysville, MO
Tuesday, January 22, 2008

6:30 a.m.  Continental Breakfast

Moderator  Dave Durstine

7:00 a.m.  What's Hot?
Several manufacturers offer "mini-presentations" on their latest products. This is a 'sales oriented' hour designed to let you see and hear what's new.

8:00 a.m.  Tuesday Keynote
What Comes Around Goes Around: The Evolving Role of Fire & Emergency Apparatus
Garry challenges you to think differently about your role and your responsibilities as fire and emergency apparatus evolves. This presentation will highlight the changing role of today's fire & emergency apparatus as well as your role and the responsibility for the design, purchasing and maintenance of truly safe fire & emergency apparatus and equipment.

Garry Briese, Vice President
ICF International, Castle Rock, CO
Former Executive Director IAFC

9:00 a.m.  Technical Apparatus Spec Writers: Spec-it right-to-get-it right!
Retired Chief Bill Peters (Div. Chief, Jersey City, NJ) is always a popular speaker at the Symposium and offers his many years experience on how to write the spec correctly to ensure you get what you thought you wanted. Bill will cover not only some critical boilerplate items, but also that all important "pre-construction meeting."

Division Chief Bill Peters, (ret.)
Jersey City, NJ, Fire Department
Fire Apparatus Consulting Services
Riverdale, NJ

10:00 a.m.  Break

10:30 a.m.  Ask the Apparatus Builders:
Which type of body material is best? Why is interior ladder storage better?
What is YOUR question? Here is your chance to ask the builders. All of our panelists have been involved with apparatus building for many years. They will offer their various opinions as to what has worked and perhaps, what has not and why. Here is your chance to get the straight answers from the guys who know.

Michael Gordon, American LaFrance, Ladson, SC
Mike Moore, Pierce Mfg., Appleton, WI
Mark Kopunek, KME, Nesquehoning, PA
TBD Smeal Fire Apparatus, Snyder, NE
Bill Carroll, E-One, Ocala, FL

11:30 a.m.  Designing SAFETY into Your Cab
What should you be looking for in new cabs? Tanker rollovers, intersection accidents, high center of gravity vehicles, high speed, and aggressive driving have been defined as the leading cause of firefighter deaths. The structural aspects of cabs certainly can contribute to the survivability in a major accident. Air bags, crash testing, new door locks, collision avoidance systems, new seats and seat belts are all important components in new cab design but not all cabs are created equal!

Robert Tutterow, Charlotte, NC, Fire Department
12:00 noon Lunch
1:00 p.m. - 2:45 p.m. Concurrent Seminars

Ethanol . . . The New Hazard in Town
Did you know fuel distributors are blending gasoline and ethanol at your local terminal? Also, most ethanol is carried in vehicle or railroad tankers and most likely will be delivered to the terminal as 100% alcohol? Regular foams such as protein based, AFFF, emulsifiers and Class A types will not touch an ethanol fire. David White, an expert in the fire protection of flammable liquids, has done testing on the various foam concentrates and the new fuels and will bring his eye-opening results to our attendees. Bill Ballantyne will then explain how the more common foam proportioning systems work and suggest which ones are best for the ethanol hazards you may be facing.

David White, Industrial Fire World, College Station, TX
Bill Ballantyne, Foam-Pro-Hypro, New Brighton, MN

Lessons Learned from Big Fleet Operations ~ LA and NYC
What works and what doesn't work well in the biggest fire departments in our country? In an apparatus' lifetime, few fire departments put over 100,000 miles on a unit, so it is difficult to accumulate experience on new components for apparatus. What should you spec'ing on new apparatus? From alternators, batteries, tires, brake lines, paint, plumbing, to compartment doors which ones are the best for your duty cycle? A manufacturer's "standard" is not always the most durable, practical, nor will it save 'you' money.

2:45 p.m. Break

3:15 p.m. - 5:00 p.m. Concurrent Seminars

What's Up with Aerial Apparatus?
Aerial devices are changing and so is the aerial chapter of NFPA 1901. Four builders of aerials will introduce you to the latest aerial innovations and explain what you should specify on your next aerial.

Dave McAlice, Rosenbauer America, North Attleboro, MA
Kent Pauli, Pierce Mfg. Appleton, WI
TBD Smeal Fire Apparatus, Snyder, NE
Ken Creese, Sutphen Corporation, Amlin, OH

Low bid in most cases is just that! Get the straight facts on what you should be spec'ing from the user aspect.

Ken Wagner, FDNY, Long Island City, NY
Gregory Stone, Los Angeles, CA, Fire Department

When Less is More ~ Which pump you should choose?
Why do we continue to order heavy, cast iron, mid-ship fire pumps when the rest of the world's fire service is using lightweight, rear-mount? There is a definite trend towards compact and lightweight fire pumps, which are mounted in various locations. The technology of pump modules, powered valves, new pump panels, and foam systems have the potential to improve the performance, save weight, save space and save you money on the North American fire apparatus. A new type of fire pump configuration may be in your future!

Gary Handwerk, Hale Products, Ocala, FL
Ethanol.... The New Hazard in Town (repeat)

David White, Industrial Fire World, College Station, TX

Bill Ballantyne, Foam-Pro-Hypro, New Brighton, MN

How We Spec’ our Ambulances
This program will cover how metro, suburban and rural departments are spec’ing an ambulance for their varying needs. From transport-taxis, advanced life support, and changing chassis there are many variations in ambulance selection.

Don Frazeur, Assistant Chief, L A City Fire Department
Chair NFPA 1901 Committee

Chris Hecht, Chief, Sister Bay & Liberty Grove Fire Department
Door County, WI

Mark Ober, Anderson Twp. OH Fire Department

Wednesday, January 23, 2008

7:00 a.m.  Continental Breakfast

Moderator Janet Wilmoth

Fire Department Presentations
New ideas, fire lessons and neat trucks

8:00 a.m.  NFPA 1911: New Maintenance Standard Overview
When do you take a rig out of service? A newly established NFPA Standard covers all-in-service fire apparatus for testing and inspection. Where do you find "OUT OF SERVICE" criteria? What are the key factors in apparatus replacement? New standardized test forms and other critical apparatus evaluation information will be covered in this overview of the new 1911 standard.

Tom Stalnaker, Assistant Chief Engineer
Goshen Fire Company, West Chester, PA

8:30 a.m.  Apparatus Replacement: Annex "D" of 1901
Are you using Annex "D" of NFPA 1901 to support your apparatus replacement justification? Three fire departments will share how they developed their apparatus replacement programs.

Ian Laing, Mississauga, ONT, Canada
Steve Miller, Mountain View, CA, Fire Department (Invited)
Robert Tutterow, Charlotte, NC, Fire Department

9:30 a.m.  Support Services Plays an Important Role in Minneapolis Bridge Disaster
Walter Lee, Captain, Minneapolis, MN, Fire Department
Cam Haugland, Shop Supervisor, Minneapolis, MN, Fire Department

10:00 a.m.  Break

10:30 a.m.  Wednesday Keynote
The Apparatus People . . . WHY You Do What You Do?
Chief Billy Goldfeder offers his experience and insight on what can go horribly wrong responding, returning and on scene, and what "the apparatus people" can do, to prevent it. As professionals in apparatus design, manufacture and maintenance today's challenge is protecting our fire fighters. Chief Billy Goldfeder is a passionate proponent of keeping firefighters safe and alive. The goal of the fire department is to help people with a problem...not become part of that problem!

Billy Goldfeder, E.F.O., Deputy Chief
Loveland-Symmes, OH, Fire Department
Chair-IAFC Safety, Health & Survival

11:45 a.m.  Closing Remarks
Thank you for your continued support of this program.

Your Conference Committee

MARK YOUR CALENDAR

21th Annual
Apparatus Specification
&
Vehicle Maintenance Symposium

January 18 ~ 21, 2009
Rosen Plaza Hotel ~ Orlando, Florida
2008 Apparatus Specification & Vehicle Maintenance Symposium

NOTE: Use one registration form per person. Please return completed form, with payment in U.S. funds, to: FDSOA, P.O. Box 149, Ashland, MA 01721-0149. Make checks payable to FDSOA. Save time ~ register on-line at: http://www.fdsoa.org.

NAME: __________________________________________________________________________________
TITLE:___________________________________________________________________________________
AGENCY: ________________________________________________________________________________
ADDRESS: _______________________________________________________________________________
CITY: ______________________________________STATE: ________________ZIP: ___________________
WORK PHONE: __________________________________FAX: ____________________________________
EMAIL: _________________________________________CELL PHONE:_____________________________

Symposium Registration (*Registration includes refreshments & lunch)
☐ FDSOA Members $375.00
☐ Non-Member Fee $475.00
☐ FAMA Members $450.00 (If you are a FAMA member but not an FDSOA member)
☐ FDSOA Membership Dues $ 85.00 (Join now and take advantage of the member rate)

ISO or HSO Certification Exams: A separate registration application and payment is required for Certification Exams. The application can be downloaded/printed from the FDSOA web site: www.fdsoa.org

Payment Information (U.S. Funds, drawn on U.S. Bank)
☐ Enclosed is a check payable to FDSOA
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☐ Credit Card: (Master Card/Visa Only)
Card Number: _____________________________________________________________________________
Signature: _______________________________________________________________________________ Exp. Date __________________

Cancellations: Cancellations must be made in writing and sent to FDSOA, P.O. Box 149, Ashland, MA 01721-0149. If received 30 days prior, 75% of Conference Registration only will be refunded; 7-29 days prior, 50% of Conference Registration only will be refunded. Less than 7 days, no refund is possible.

Save time! Register on line at www.fdsoa.org
HOTEL RESERVATION FORM

2008 FDSOA Apparatus Specification & Vehicle Maintenance Symposium

REPLY DIRECTLY TO THE HOTEL

Mail To: Rosen Plaza Hotel, 9700 International Drive, Orlando, FL 32819 — (407) 352-9700

FDSOA Room Rates: Single/Double: $139.00 Plus Tax – Cut Off Date: December 11, 2007

Arrival Date: ___________________________ Departure Date: ___________________________

NAME: __________________________________________________________________________

ADDRESS: _________________________________________________________________________

CITY: ________________________________ STATE: ________________ ZIP: ______________

WORK PHONE: ________________________ FAX: _______________________________

ADDITIONAL PERSONS: __________________________________________________________________

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____________________________________________________________________________________

Cut-Off date for reservations is December 11, 2007. Your reservations will be held until 6:00 P.M. unless accompanied by a deposit. You may also guarantee with an accepted credit card, expiration date and signature.

☐ Hold until 6:00 P.M. only

☐ Guaranteed by the following credit card: (check one)

☐ Master Card ☐ Visa ☐ AMEX

Card Number: ____________________________________________________________

Signature: _____________________________________________________________________ Exp. Date ____________________