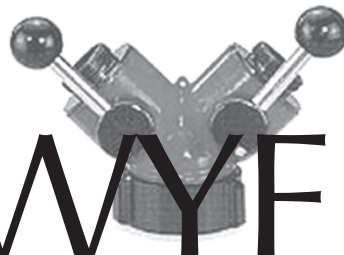


GATED WYE



August 2008 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 295

Diversity highlights new US&R Governance Board

A new Urban Search and Rescue (US&R) Governance Board was elected in June 2008 and is highlighted by representatives from diverse agencies such as fire, transportation, law enforcement and health.

The Governance Board oversees the organization and development of the US&R program. Board goals include securing funding for the US&R program and training and equipping team members for effective statewide urban search and rescue operations.

Board members include:

President

John McDowell, Captain, Springfield Fire and Life Safety

McDowell has served with the US&R program since 2002. He is the Operations Committee chair, a task force leader, and is certified in management, officer and technician level positions. McDowell also serves as a representative for the south region.

Fire Service Representatives:

South Representative 1

John McDowell, Captain, Springfield Fire and Life Safety

South Representative 2

Reed Godfrey, Division Chief, Salem Fire Department

For the past five years Godfrey has been involved with the Operations Committee and serves as an equipment cache manager. He is certified as a US&R advance team member and in officer and technician level positions.



North Representative 1

Jason Morgan, Lieutenant, Tualatin Valley Fire and Rescue

For the past 10 years Morgan has served on the US&R Technical Rescue Team. For the past eight years he has been in charge of the US&R Structural Collapse program.

North Representative 2

Don Schallberger, Special Operations Chief, Hillsboro Fire

For the past four years Schallberger has served as the Training Committee chair. He is also certified as an advance team member and in officer and technician level positions.

Public Works Representative

Rose Gentry, Emergency Manager, Oregon Department of Transportation

Gentry manages ODOT's statewide emergency response program and has been involved with US&R since 2002.

Law Enforcement Representative

Todd Anderson, Tillamook County Sheriff

Anderson serves as the chair of the Tillamook Emergency Communications District and serves on the board for the Department of Public Safety Standards and Training.

Public-at-Large Representative

Dr. Craig Warden, MD, MPH, Oregon Health & Science University

Dr. Warden also serves as the US&R Medical Specialists Committee chair.

For more information, contact Mariana Ruiz-Temple at 503-934-8238 or email mariana.ruiz-temple@state.or.us.

From the desk of the State Fire Marshal



“ . . . with the stronger enforcement efforts fireworks-related fires should continue to drop in 2009.”

More communities focusing on fireworks enforcement

Initial indications are that fireworks-related fires are down this year and stronger enforcement of fireworks laws deserves some of the credit.

Just a few years ago we would rarely, if ever, hear about communities stepping up their enforcement of fireworks laws to combat illegal fireworks and the unsafe use of legal fireworks.

However, in the past few years we have worked to change this and we're seeing positive results. Anita Phillips and her staff from License and Permit Services deserve credit for developing partnerships with local fire and police agencies.

Credit also goes to these communities, specifically Albany, Astoria, Bend, Clackamas, Eugene, Gervais, Gladstone, Gresham, Keizer, Lincoln City, McMinnville, Portland, Salem, Sherwood, and Springfield, who made the commitment to work together to 'Keep it legal, keep it safe.' If you know of others, please let me know. They deserve to be recognized as well.

In its first year of focused enforcement, Keizer Fire District confiscated \$500 worth of illegal fireworks.

Bend Fire and Police Department's July 4th enforcement efforts resulted in three \$1,000 citations and fourteen confiscations of illegal fireworks worth \$600. Bend also recorded a 79% decrease in fireworks-caused fires from last year.

For the second year, Portland Fire & Rescue focused on fireworks enforcement with operation 'Lower the Boom' and saw a 46% drop in fireworks-caused fires from June 23 through July 6.

There's still a long way to go. Since 2005, fireworks-related fires and the associated dollar loss have been increasing. However, with the stronger enforcement efforts fireworks-related fires should continue to drop in 2009.

I encourage more of you to join in and step up enforcement efforts next year.



**State Fire Marshal
Nancy Orr**

**Office of
State Fire Marshal**

**Oregon State Police
4760 Portland Rd. NE
Salem Oregon
97305-1760**

**www.sfm.state.or.us
503-373-1540**

Administration
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Codes & Technical
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ext. 269

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Community
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ext. 214

Data Services
ext. 244

Emergency Planning &
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ext. 227

Emergency Response
ext. 238

Fire & Life Safety
ext. 204

Firesetter Intervention
ext. 230

License & Permits
ext. 264

The *Gated Wye* is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-373-1540 ext. 217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available, contact 503-373-1540 ext. 228 or email colleen.olson@state.or.us.

State Building Codes Division to develop procedures for sprinkler ordinance requests

After final recommendations from the Oregon Residential Structures Board in a July, 2008 meeting, the State Building Codes Division (BCD) is developing administrative and application procedures for jurisdictions to request authorization of a local ordinance under ORS 455.040 to require sprinklers in new residential construction.

The new procedures will clarify the steps and requirements jurisdictions must follow when seeking an ordinance approval for any new construction matter from the BCD, including a fire sprinkler ordinance.

Jurisdictions may submit requests for local ordinances after January 1, 2009, the proposed effective date of the new rules.

The BCD also adopted language changes to Section AP105.2 regarding system development charges. For more information and to view the current Appendix P/Model Ordinance, visit <http://egov.oregon.gov/OSP/SFM/docs/Codes/modelordinance.pdf>.

Important notice from the OSFM

The OSFM leadership team recently learned about significant errors in the supplemental to the annual report, also known as the *Resource Directory*.

Errors in non-fire incidents are due to the programming and software used to compile the data as well as human oversight. Data Services Manager Scott Showers is working with staff to fix the programming and republish the correct information. We (OSFM) apologize for the inconvenience and frustration this has caused.

OSFM continues to work with a fire service advisory group to develop online reporting. The new online system will run tandem with the current system by mid-2009.

For more information, contact Scott Showers at 503-934-8423.

Oregon OSHA issues combustible dust hazard alert

The Oregon Occupational Safety and Health Administration (OSHA) is warning more than 2,500 companies statewide that dust can create explosions and fire.

In 2006, the U.S. Chemical Safety Board published a major study that identified 281 combustible dust incidents in the U.S. between 1980 and 2005. These incidents killed 119 workers and injured over 700 others. Neither employers nor employees knew that a hazard existed in many of the incidents.

The Oregon OSHA alert also provides tips to businesses on assessing their dust explosion potential along with links to other resources.

The complete Oregon OSHA alert may be viewed at http://www.orosha.org/pdf/hazards/2993_05-2008_combustdust.pdf.

Oregon Fallen Firefighters Memorial scheduled

The 2008 Oregon Fallen Firefighters Memorial is scheduled for Thursday, September 18, 2008, at 1 p.m. The memorial will take place at the Oregon Public Safety Academy, 4190 Aumsville Highway SE, Salem, Oregon.

The Oregon Fallen Firefighters Memorial honors all firefighters who have made the ultimate sacrifice and given their lives in the line-of-duty.

For more information, contact Julie Olsen Fink at 503-378-2297.



DOT reports errors in the 2008 Emergency Response Guidebook

The U.S. Department of Transportation (DOT) has announced printing errors in the 2008 Emergency Response Guidebook. All errors are in the 'Name of Material Index' (blue pages), however not all books contain the errors.

Check your guidebook's blue pages for errors that may include:

- Pages 97 and 98 are duplicated.
- Missing pages after page 98 are missing.
- Pages 97 through 128 are duplicated.
- Missing pages after page 128 are missing.

Some books contain the printing errors and others do not. Review each of your books to ensure the blue pages are sequenced correctly.

If you have misprinted books, notify your Local Emergency Manager. OSFM is working with the DOT and emergency managers to replace misprinted books.

For more information, contact Terry Wolfe at 503-934-8219 or email terry.wolfe@state.or.us.

Fire alarm training seminars set for October

The Northwest Automatic Fire Alarm Association is hosting a series of fire alarm training seminars this October at the NIETC Training Center, 16021 NE Airport Way, Portland, Oregon.

Training sessions include:

- Fire Alarm System Testing & Inspection
October 6, 2008
- Intermediate Fire Alarm (NICET I & II)
October 7-8, 2008
- Fire Alarm Plan Review
October 9, 2008
- Understanding IBC Fire Alarm Requirements
October 10, 2008

For more information and a registration form, visit <http://www.nwafaa.org/Home/tabid/299/Default.aspx>.

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Save lives - install smoke alarms

The Office of State Fire Marshal (OSFM) is hosting several workshops for Oregon fire service members and their community partners on conducting community door-to-door smoke alarm campaigns. The 2-hour training covers implementation of all phases of the model community door-to-door smoke alarm campaign kit developed by OSFM in partnership with the Oregon Life Safety Team.

The workshop and campaign kit give departments the tools to conduct their own campaigns. Workshop attendees will learn to identify steps of a successful campaign and develop an action plan for conducting their own community door-to-door smoke alarm campaign.

The workshop is free. OSFM will provide up to 50 free smoke alarms and \$250 to each attending organization committing to conducting a community campaign.

Upcoming door-to-door smoke alarm program workshops

August 12, 2008 3:00-5:00 p.m. Prineville Fire Department
August 13, 2008 7:00-9:00 p.m. Burns Fire Department
August 14, 2008 3:00-5:00 p.m. Pendleton Fire & Rescue
August 15, 2008 10:30 a.m.-12:30 p.m. Hood River Fire Department
August 21, 2008 10:00 a.m. - 12:00 p.m. Office of State Fire Marshal, Salem
September 18, 2008 10:00 a.m. - 12:00 p.m. Office of State Fire Marshal, Salem

To register or for more information, visit <http://www.oregon.gov/OSP/SFM/Training.shtml> or contact Colleen Olson at 503-373-1540 ext. 228 or email colleen.olson@state.or.us.

OSFM seeks examples of fireworks prevention and enforcement efforts

The Office of State Fire Marshal is asking Oregon fire departments and districts to submit examples of fireworks safety campaigns and enforcement actions. Examples will be highlighted in future editions of the *Gated Wye*.

"We want to recognize the efforts of fire departments and law enforcement agencies working to improve fireworks safety education and compliance," said License and Permit Services Manager Anita Phillips.

Submit information to Sharon Kraw at 503-373-1540 ext. 285 or email sharon.kraw@state.or.us.

Update on firefighter grants

by Hines Firefighter/Grant Writer Jonathan Manski

Oregon fire departments have done well during early rounds of the federal fire service grant programs. Four Oregon departments received a total of \$321,208 in the first round of awards for safety and operations projects, and in the third round four more Oregon departments received a total of \$643,030, including two vehicles.

The Federal Emergency Management Administration has three major fire service grant programs. The Assistance to Firefighters Grant (AFG), Fire Prevention and Safety (FP&S), and Staffing for Adequate Fire and Emergency Response (SAFER).

The AFG will continue providing grant opportunities through 2010 under the current legislation. In 2008, the federal government authorized \$560 million to fund the AFG program, up slightly from the \$547 authorized in 2007.

In 2007, 50 Oregon fire departments shared \$4,730,346, including seven grants for vehicles.

For more information visit <http://www.firegrantsupport.com>.

Multi-Family Housing Fire Reduction Program Train-the-Trainer Workshop

Tualatin Valley Fire & Rescue (TVF&R) is conducting a free Train-the-Trainer workshop on the Multi-Family Housing Fire Reduction Program, October 16, 2008, at the Oregon Office of State Fire Marshal. This training is a partnership among the Office of State Fire Marshal, TVF&R, and the Oregon Life Safety Team. The workshop is designed to help fire departments develop their own fire and life safety training program for apartment managers.

Multi-Family Housing Fire Reduction Train-the-Trainer Workshop

Date: October 16, 2008

Time: 9:00 a.m. to 12:00 p.m.

Location:

**Office of State Fire Marshal
4760 Portland Road NE
Salem, OR 97305**

A registration form is available at http://www.oregon.gov/OSP/SFM/docs/Comm_Ed/Training/OCTOBER_2008_Registration_Form.pdf. Forms may be submitted electronically, by fax or standard mail. Fax to 503-373-1825 or mail to 4760 Portland Road NE, Salem, OR 97305. For more information, contact Candice Clark at (503) 373-1540 ext. 266 or email candice.clark@state.or.us.

Hillsboro Fire hosting Homicide by Arson class

Hillsboro Fire Department and the Oregon Fire Instructors Association is presenting a one-day course titled *Homicide by Arson*. The course looks at what kills people in fires and the medical/legal issues of investigations at death-related fire scenes.

The course is scheduled August 28, 2008, from 8:00 a.m. to 5:00 p.m. at the Hillsboro Civic Center.

For more information, contact Hillsboro Training Chief Sam Phillips at 503-681-6166 or email samph@ci.hillsboro.or.us.

Oregon class graduates from NFA public education training

Oregon State Fire Marshal Nancy Orr presented graduation certificates to 23 Oregon fire service members July 11, 2008 for completing the National Fire Academy's (NFA) training on *Presenting Effective Public Education Programs* in Salem, Oregon. The week-long training, delivered at the Oregon Department of Public Safety Standards and Training (DPSST), was possible due to a collaboration between the Oregon Office of State Fire Marshal, DPSST, and NFA.

The course provides fundamental knowledge, skills, and attitudes to deliver fire and life safety educational programs in the community. It emphasizes a community-based concept in

developing and delivering educational programs. Students are evaluated through performance on 10- to 15-minute presentations, home community classroom exercises, and a final examination.

Presentation topics included: residential fire sprinklers and their value, illegal apartments, local emergency planning commissions, smoke alarms program, residential addresses and rural addresses, senior fire safety, teenage firesetters, injury prevention to fire personnel, fire escape planning, working with the Hispanic community, importance and use of portable fire extinguishers, water safety, value of and gaining fire department volunteers, and structure ignition prevention.



Presenting Effective Public Education Programs class photo - from left to right, top row: Dennis Knudson, Jeffery Cranford, Jim Kusz, Scott Goetchius, Brian McCallister, Suzanne Matthews, Michael O'Keeffe, Tammy Ellis, Stephanie Stafford, Candice Clark, Bobbie Gregg, Tari Glozar, Sara Blair, Kathleen Hornstuen; bottom row: Shawn Olson, Karen Mohling, Krista Fischer, Instructor Toby Drabczyk, Sheila Jackson, Deanna Kaye Classen, State Fire Marshal Nancy Orr, Carla Pusateri, Christopher Staniak, Bryan Emmons, David Wheeler, Instructor Anne Drabczyk.

Help us save money and paper

The Office of State Fire Marshal is asking for help from our readers to reduce cost and conserve natural resources by converting your *Gated Wye* paper subscription to one delivered to you electronically.

Our printed mailing list averages 820 copies per month and our goal is to reduce that in half by January 2009. This would save money for OSFM August 2008, GATED WYE, page 6

and Oregon citizens.

If you currently receive a paper copy of the *Gated Wye* and can switch to an electronic copy please contact Rich Hoover at richard.hoover@state.or.us.

Please include your name, position, organization, and phone number.



Barium Chloride BaCl_2

Description:

- Barium chloride dihydrate
- CAS No.: 10326-27-9
- Barium chloride anhydrous
- CAS No.: 10361-37-2
- Odorless white solid
- (6.3) Acute Health Hazard; (6.4) Chronic Health Hazard
- DOT Hazard Class: 6.1; UN/NA: 1564

NFPA Information:

- Health: 3
- Flammability: 0
- Reactivity: 0
- Special: None

Uses and Occurrences:

- Prepared from barium hydroxide or barium carbonate
- Laboratory reagent
- Purification of brine solution in caustic chlorine plants
- Manufacture of pigments

Reactivity and Fire Risk:

- Not flammable, some sources list it as combustible
- Stable under normal conditions of use and storage
- Incompatibles include: strong oxidizing agents, bromine trifluoride
- Use extinguishing media appropriate for surrounding fire

Health Hazards:

- OSHA PEL: 0.5 mg (Ba)/m³
- May be irritating to the eyes with redness, pain or blurred vision
- May be irritating to the skin with redness and pain
- May be harmful if absorbed through the skin
- Inhalation may result in sore throat, coughing and difficulty breathing
- Ingestion may cause abdominal pain, nausea, vomiting and diarrhea. More severe effects can include tremors, muscle paralysis, pulmonary edema, slow or irregular heartbeat, may result in collapse and death

- Immediately Dangerous to Life or Health (IDLH) 1100 mg

Personal Protective Equipment:

- Emergency responders should use self-contained breathing apparatus and full protective equipment
- Use local exhaust ventilation or other engineering controls to stay within PELs
- Wear chemical-resistant gloves, apron, splash goggles
- Use an approved respirator if appropriate

Inspection and Storage Tips:

- Keep container tightly closed
- Keep container in a cool, dry, well ventilated area
- Protect against physical damage
- Store away from incompatibles

2007 Oregon Fire Code Information:

- Toxic
 - Maximum Allowable Quantities (MAQ) per S occupancy control area:
 - Unprotected by sprinklers or approved storage cabinets: 500 lbs
 - In sprinklered building, not within approved storage cabinets: 1000 lbs
 - In unsprinklered building, within approved storage cabinets: 1000 lbs
 - In sprinklered building, within approved storage cabinets: 2,000 lbs

Incident Reporting and Information:

- There are 6 facilities in Oregon currently reporting barium chloride on the Hazardous Substance Information Survey
- There have been no hazardous materials incidents reported in Oregon since 1986 involving barium chloride

Have questions or a chemical of the month request?
Contact HazMat Information Specialist Alec Carte at
503-373-1540 ext. 262, or email
aleta.carte@state.or.us

OSFM multi-hazard house available for loan

The Office of State Fire Marshal has a new Multi-Hazard House trailer available for loan to Oregon fire departments and districts. The mobile prop is an educational aid allowing participants to learn and practice:

- fire prevention
- fire safety
- calling 9-1-1
- correct smoke alarm response
- safe exiting procedures, and
- disaster and severe weather safety skills

The prop is also equipped to demonstrate the effectiveness of a home fire sprinkler system.

For more information, visit http://www.oregon.gov/OSP/SFM/Multi_Hazard_House.shtml or to reserve the Multi-Hazard House, contact Nicole Ohmart at 503-373-1540 ext. 366 or email nicole.ohmart@state.or.us.



Office of State Fire Marshal
4760 Portland Road N.E.
Salem, Oregon 97305-1760

Unclassifieds

For sale

1983 GMC Transmission (10-speed road ranger), 18,261 miles. Taken out of fire department water tender. Transmission in good repair. \$2,000.

1985 GMC 3,300 gallon water tender with 300 gpm pump retired from fire service duty, not to be used for fire-related operations. All service and maintenance records available. \$10,000.

Complete low pressure air cascade system includes tanks and compressor. System is not certified. \$2,000.

All units may be viewed at the City of Milwaukie Fleet Services Shop, contact Ernie Roeger at 503-786-7619.