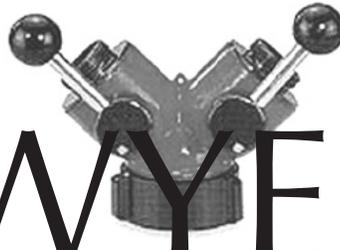


GATED WYE



July 2009 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 306

Golden and Silver Sparky Awards

Oregon State Fire Marshal Randy Simpson presented Rogue River Fire District Firefighter Jeff Fitzgerald and St. Joseph School of Salem with the Golden and Silver Sparky awards respectively, during the Oregon Fire Service Meritorious Awards banquet, May 30th at the Salem Conference Center. A special Silver Sparky also went to St. Joseph third-grader Tatum Sparks.



Golden Sparky award recipient Rogue River Fire District Firefighter Jeff Fitzgerald with State Fire Marshal Randy Simpson

Fitzgerald was recognized with the Golden Sparky for his outstanding work and volunteer time given to support Oregon's ban on novelty lighters. After hours of research, Fitzgerald made a successful presentation convincing Rogue River city officials to agree on a city-wide ban. His research and second presentation to officials at the League of Oregon Cities made a significant impact as they voted in support of a statewide ban.



Silver Sparky award recipients St. Joseph School Principal Mari Pat Brooks and student Tatum Sparks with State Fire Marshal Randy Simpson

The St. Joseph School and third-grader Tatum Sparks were also recognized for their efforts to support the ban on novelty lighters. After Tatum participated in a news story about the dangers of the lighters she took the initiative to educate her classmates, teacher and school principal Dr. Mari Pat Brooks. Principal Brooks felt this was a worthy campaign and encouraged the third grade class in their letter-writing campaign to senators and representatives. She also arranged for the class to show their support by attending both floor sessions for the bill in the House and Senate.

OSFM and OSP email outage moved to July 10th

The original scheduled email outage for the Office of State Fire Marshal and Oregon State Police has been changed to July 10, 2009.

From 6:00 p.m., Thursday, July 9, until 6:00 a.m. Monday, July 13, the Office of State Fire Marshal (OSFM) and Oregon State Police (OSP) will be without email access due to computer network consolidation and upgrade.

During this period, employees will not be able to receive or send emails. The OSFM encourages anyone with urgent business to contact them at 503-378-3473. The OSP General Headquarters telephone number is 503-378-3720.

You may also access a directory of OSFM phone numbers at http://www.oregon.gov/OSP/SFM/contact_us_directory.shtml. A directory of OSP phone numbers is available at http://www.oregon.gov/OSP/contact_us.shtml.

State Fire Marshal Randy Simpson appreciates your understanding and patience during this upgrade of our computer networks.

From the desk of the State Fire Marshal



“... agencies all over Oregon are picking up their efforts to keep reducing fireworks-caused fires and injuries.”

Fireworks education and enforcement bearing fruit

I am pleased to say that fireworks-related fires are in their second consecutive year of decline. In 2008 there were 188 reported fireworks-related fires. This is down from 294 reported in 2007, and 306 reported in 2006.

This trend is no doubt due in part to the increase in fire departments and law enforcement agencies around the state working together to increase their efforts at fireworks education and enforcement. These efforts are also enhanced by the increasing support given to these agencies by local community leaders.

From Portland Fire & Rescue and the Portland Police Department in the northwest to Lincoln City Police Department on the coast, Malheur National Forest in the east and Klamath County Fire District #1 to the south, agencies all over Oregon are picking up their efforts to keep reducing fireworks-caused fires and injuries. Oregon Parks and Recreation also deserves credit in keeping our state parks and beaches free of fireworks.

As a reminder, OSFM has materials available to help enforcement and education efforts, including materials to help with identification of legal and illegal fireworks. We can also help your department by picking up confiscated fireworks through our partnership with the Oregon State Police Bomb unit; and disposing of them through our partnership with Tualatin Valley Fire and Rescue and Portland Fire and Rescue.

For more information on resource materials or disposal assistance please contact our License and Permit Services Manager Anita Phillips at 503-934-8264 or anita.phillips@state.or.us.

I also encourage you to send in examples or the results of your education and enforcement efforts to Ms. Phillips so we can highlight them in future issues of the newsletter and on our website. Your department's programs may serve as a resource for other departments in the future.

Thanks for all you do – and have a safe and happy 4th of July.



**State Fire Marshal
Randy Simpson**

**Office of
State Fire Marshal**

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

www.oregon.gov/OSP/OSFM

503-373-1540

Administration
ext. 211

Codes & Technical
Services
ext. 269

Community Education
ext. 273

Community
Right-to-Know
ext. 214

Data Services
ext. 236

Emergency Planning &
Response
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 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

Simpson photo courtesy of ODOT Photo and Video Services.

McMinnville FD becomes Oregon's latest exempt department

In a ceremony June 6th, State Fire Marshal Randy Simpson presented a certificate of exemption to the McMinnville Fire Department and Fire Chief Rich Leipfert.

"This is a great step for us," said Fire Marshal Eric McMullen, "it was a good process to go through the department and re-evaluate our inspection program and look at our inspection priorities."



State Fire Marshal Randy Simpson presents a certificate of exemption to McMinnville Fire Chief Rich Leipfert. Standing at left are Deputy State Fire Marshals Dan Jones and John Caul. Standing behind Chief Leipfert is McMinnville Fire Marshal Eric McMullen.

As an exempt department McMinnville will also now administer its own appeals process and administer local fire codes.

McMinnville is the 9th exempt department in Oregon following Eugene Fire & EMS, Forest Grove Fire & Rescue, Gresham Fire Department, Medford Fire Department, Portland Fire & Rescue, Salem Fire Department, Springfield Fire & Life Safety, and Tualatin Valley Fire & Rescue.

ICS training in Roseburg

Douglas County Fire District #2 and the Douglas County Sheriff's Office are partnering to provide free training on ICS 300 & 400 over two weekends in September at Douglas County Fire District #2 in Roseburg, Oregon.

The ICS 300 class is scheduled September 19 & 20, 2009 from 8 a.m.-5 p.m. both days, while the ICS 400 class is scheduled September 26 & 27,

2009 also from 8 a.m.-5 p.m. both days.

Both courses are approved by Oregon Emergency Management and meet National Incident Management System standards.

Although registration priority is given to Douglas County agencies, other outside-county agencies will be placed on a waiting list. Deadline to submit a registration is 5:00 p.m., August 18, 2009. After registration deadline, all empty slots will be filled from the waiting list in the order registrations were received.

For more information or to register, contact Luann Urban at llurban@co.douglas.or.us or call 541-464-6412.

Gated Wye to end 42 years in print

For 42 years, beginning in 1967 as the *Fire Service Bulletin*, the Gated Wye has arrived in mail boxes in Oregon and across the country with information, training, and tips for members of the fire service. In August 2009, its run as a printed publication comes to an end. Unfortunately, in the face of budget cuts, the Office of State Fire Marshal (OSFM) cannot continue to produce a separate printed version of the newsletter.

For the past few months, in an effort to reduce costs, the OSFM has asked readers of the printed version to switch to the emailed electronic version. This effort has had limited success. Although the OSFM prefers that subscribers would have voluntarily switched, the majority have not done so.

Beginning with the August edition, the Gated Wye will be produced in electronic form only.

For print subscribers, this July edition will be your last printed issue of the Gated Wye. To receive future editions we will need your email address so we can add it to our electronic distribution list.

We trust you have enjoyed receiving the Gated Wye and hope you feel it worth the effort to join our electronic distribution list. If so, please send your email information to richard.hoover@state.or.us.

Legislature 2009 wrap-up

A blur of bills dominated the Legislative landscape as the 75th Legislative Assembly concluded. June 29th closed the session as Sine Die adjourned legislators.

Status of pre-session bills filed by the Office of State Fire Marshal:

HB 2365 - Prevents youth-set fires by prohibiting the sale and distribution of novelty (toylike) lighters and imposes civil penalties for noncompliance. **Status** – Heard on opening day of the Session along with all the OSFM bills, this was the first to pass through the Legislative process. Championed by Representative Paul Holvey, and Representative Greg Matthews, the bill became law when signed by the Governor March 4.

SB 91 - Liquefied petroleum gas program fee increase: Changes statute to increase funding to avoid a shortfall in the 09-11 biennium. **Status** – Passed the Senate June 17 with a 21 to 8 vote then the House with a 35 to 23 vote. The Governor is expected to sign the bill.

SB 88 A - Cardlock program funding: Changes statute to increase funding to avoid a shortfall in the 09-11 bienniums. Clarifies statute by removing duplicate and outdated language. **Status** – Amendments by Senator Larry George reduced the gallonage requirement for cardlock users from 900 gallons to 500 and reduced the minimum number of audits required by OSFM in order to increase cardlock facility safety inspections in remote areas. The bill passed the Senate June 26, on a 23 to 6 vote, leaving the bill on the speaker's desk.

SB 89 - Eliminates overlapping regulation of the explosives industry between state and federal government. Allows compliance with federal regulations to satisfy state requirements. **Status** – Amendments from Senator Brian Boquist helped secure movement for this bill. The Governor signed the bill May 26 with an effective date of January 1, 2010.

HB 5038 - Approves fee increase for wholesale fireworks permits, public display permits, and retail fireworks permits. **Status** - Passed the House June 17 and the Senate June 23. The Governor is expected to sign the bill.

Bills of Interest introduced by other parties –

HB 2067 B - Relating to sunset of tax credits; Creates or adjusts sunset provision for certain July 2009, GATED WYE, page 4

personal income or corporate excise tax credits that are not required under federal law or Oregon Constitution. Requires future tax credits to sunset within six tax years of initial tax year for which credit is applicable. **Status** – This bill passed the House 36 to 24 and the Senate 19 to 9. The bill adjusts or creates sunset provisions on a large number of tax credits in January of 2012 and refers to ORS 317.122, which references ORS 731.820 covering Fire Insurance Premium Tax (FIPT). Section 20 of the bill states: A credit may not be claimed under ORS 317.122 for tax years beginning on or after January 1, 2012. The insurance industry has concerns about defending the FIPT tax credit in the future due to obscure references in the bill.

HB 2420 A- Relating to workers compensation claims for cancer by firefighters; Establishes presumption that certain cancers are compensable occupational diseases for certain nonvolunteer firefighters. Requires certain cities to apply presumption to claims by nonvolunteer firefighters employed by city. **Status** – Passed the House February 10, on a 55 to 1 vote; passed the Senate March 5, on a 29 to 1 vote with amendments, causing it to return to the House and re-passing with a 59 to 1 vote. The Governor signed the bill March 19, 2009 with an effective date of January 1, 2010.

HB 2457 - [Allows State Plumbing Board to authorize journeyman plumber who obtains training and certification from board-recognized provider to design fire sprinkler systems in one-and two-family dwellings and appurtenances. Provides that journeyman plumber designing fire sprinkler system within scope of board authorization is not engaged in practice of architecture or practice of engineering.] **Authorizes journeyman plumber to design plumbing portion of fire sprinkler system for installation in residential structure subject to Low-Rise Residential Dwelling Code. Status** - Though a work group put a lot of energy into it, did not fully resolve all the issues. The bill did not move out of the Senate Business and Transportation Committee. An interim work group will review issues concerning the installation of residential fire sprinkler systems.

HB 2790 A – Increases membership of Board on Public Safety Standards and Training to 25 members, three are nonvoting members. Changes membership of board policy committees. Directs policy committees to establish fitness for duty standards and procedures for reviewing denial,

suspension or revocation of certification. Establishes procedures for investigating and hearing cases involving denial, suspension and revocation of certification. **Status** - Adds a non-management parole and probation officer to the Board. The Department of Forestry position was eliminated. The Superintendent of State Police and the State Fire Marshal remain. The amendment restructures some of the policy committees. The bill passed the House May 4 with a vote of 57 to 2 and the Senate June 4 with a vote of 30 to 0. The Governor is expected to sign the bill.

HB 3450 B - Prohibits transferring title of or issuing certificate of occupancy for single-family dwelling or multifamily housing that has a carbon monoxide source unless dwelling or housing is equipped with carbon monoxide detector. Prohibits landlord from renting a dwelling unit that has carbon monoxide source or located within a structure that has carbon monoxide source, unless the dwelling unit is equipped with a carbon monoxide detector. Imposes duty on landlord to repair and maintain detector. Prohibits removing or tampering with detector. **Status** - Many stakeholders, in particular representatives of the Oregon Fire Service, amended the bill targeting closer alignment with current smoke alarm statute and minimal fire service enforcement. After passing the House 50 to 9, it had further amendments in the Senate, passing 17 to 7, with concurrence in the House, re-passed 35 to 11. The Governor is expected to sign the bill.

SB 935 A - Relating to first responder building mapping information systems. Directs Office of Emergency Management to develop and operate statewide first responder building mapping information system. **Status** - At press time, the bill remained in the Ways and Means Public Safety Subcommittee.

For more information visit http://www.oregon.gov/OSP/SFM/2009_Legis.shtml or contact OSFM Senior Policy Analyst Donna Disch at 503-934-8275 or Donna.Disch@state.or.us.

Oregon has a Citizen Legislature consisting of a 30-member Senate, elected to four-year terms; a 60-member House of Representatives, elected to two-year terms. The assembly convenes every two years in regular session the second Monday in January during odd-numbered years. Oregon Constitution does not specify a limitation on session length, however most sessions last approximately six months.

Fire grant update

by Hines Firefighter/Grant Writer
Jonathan Manski



Notices of pending awards have started to trickle in from the 2008 Fire Prevention & Safety Grant. Usually distributed on Mondays or Thursdays, the 1199a and 10 questions are a sign of good news for the lucky few who have so far been notified. Actual award notifications will likely be made on Fridays similar to the AFG program process.

This year for the 2009 AFG program, Oregon departments submitted 216 applications. This is down from the 231 submitted in 2008. The submissions included eight Regional, 74 Vehicle, and 134 Operations and Safety projects. Many departments took advantage of being able to submit multiple applications, three departments submitted three applications each, and 41 departments submitted two applications each. Oregon departments submitted requests for projects totaling nearly \$36.7 million. Individually these project requests ranged from a low of \$7,030 for one project to a high of nearly \$880,000 for another.

Finally, the FY 2009 Station Construction Grants application period is open. Applications for these grants must be received by July 10, 2009, at 5:00 p.m. Eastern Time. \$210 million dollars is available for fire station construction and remodeling. The program guidance is very complex with specific details describing the program priorities and what it will take to score highest on your requested project. This grant project will take some serious devotion and dedication just to get through, but like other programs within the Department of Homeland Security grants, you have nothing but time lost to take part.

Good luck, and the waiting continues.

For the latest information on the FEMA grants programs visit their website at www.firegrantsupport.com.

Oregon classes graduate from NFA training

Oregon State Fire Marshal Randy Simpson and Chief Deputy State Fire Marshal Jim Walker presented graduation certificates to fire services attendees of two National Fire Academy (NFA) classes delivered by NFA instructor Dave Renli, Executive Director, Sioux Empire Safety Village.

The Office of State Fire Marshal hosted the classes as part of their public education outreach to provide fire prevention and fire safety education op-

portunities to Oregon's fire service members.

The class on *Community Risk Issues and Prevention Interventions* included developing strategies using the three E's of prevention - education, engineering, and enforcement.

The Fire Prevention for High-Risk Populations: Age and Disability Factors class focused on the factors that contribute to high fire incidence with older adult and very young populations.

Community Risk Issues and Prevention Interventions



Front row (l to r): Kathleen Wetherford, Candice Clark, Nicole Lewis, Amber Cross, Sandra Johnston, Laura Houston, Deanna Classen, Instructor Dave Renli. Second row (l to r): Joanna Hatch, Scott Rice, Tari Glocar, Colleen Olson, Bryan Emmons, Stephanie Stafford, Jeneanne Upton, Jeffery Lee, Matthew Grimes, Jim Kusz, Jim Bennett. Back row (l to r): Cary Vonasek, Leonard Gibson, State Fire Marshal Randy Simpson, Chief Deputy State Fire Marshal Jim Walker, Scott Goetchius, Don Porth, Dennis Knudson, Ginger Slavens, David Wheeler. Not in photo: Jeff Cranford

Fire Prevention for High-Risk Populations: Age and Disability Factors



Front Row (l to r): Kathleen Wetherford, Amber Cross, Barbara Nelson, Nicole Lewis, Sandra Johnston, Candice Clark, Instructor Dave Renli. Second row (l to r): Joanna Hatch, Ginger Slavens, Scott Rice, Stephanie Stafford, Kari Shanklin, David Wheeler, Jim Kusz. Third row (l to r): Jack Carriger, State Fire Marshal Randy Simpson, Tari Glocar, Faye Forhan, Colleen Olson, Bryan Emmons, Jeneanne Upton, Jeffery Lee. Back Row (l to r): Jeff Cranford, Leonard Gibson, Scott Goetchius, Dennis Knudson, Don Porth, Matthew Grimes, Chief Deputy State Fire Marshal Jim Walker.



Phosphorus oxychloride POCl_3

Description:

- Synonyms: Phosphoryl chloride, Phosphoryl trichloride, Trichlorophosphine oxide
- Colorless fuming liquid with a pungent odor
- Poison; chronic health hazard; corrosive; dangerous when wet; reactive;
- CAS No.: 10025-87-3
- Flash point: Non-flammable
- DOT: Poisonous Material Class 6.1; Corrosive Class 8
- UN/NA: 1810
- EPA section 302 extremely hazardous substance TPQ 500 pounds

NFPA Information:

- Health: 4
- Flammability: 0
- Reactivity: 2
- Special: Water reactive

Uses and Occurrences:

- Manufactured industrially for phosphorus trichloride and oxygen or phosphorus pentoxide
- Used in the manufacture of phosphate esters
- Used in the semiconductor industry
- Used as a dehydrating agent in laboratories

Reactivity and Fire Risk:

- Reacts violently with water to form hydrogen chloride and phosphoric acid
- May become self-reactive under conditions of shock or increase in temperature or pressure
- Extremely reactive with acids
- Incompatibles include: water, combustible materials, most common metals, alcohols, and amines
- Use dry chemical or carbon dioxide. If water is used the amount should be great enough to overcome the heat and acid resulting from contact with water

Health Hazards:

- OSHA PEL: 0.2 ppm TWA
- Contact with moisture from body tissues causes formation of hydrogen chloride, hydrochloric acid and phosphoric acid
- Corrosive – Causes burns to any area of contact
- May be fatal if inhaled

- May be absorbed through the skin (permeator)
- LD50: 380 mg/kg rat
- Immediately Dangerous to Life and Health (IDLH): 50 ppm

Personal Protective Equipment:

- Emergency responders should use Self-Contained Breathing Apparatus and appropriate chemical protective suit
- Use local exhaust ventilation or other engineering controls to stay within PELs
- Wear impervious protective clothing, splash goggles and face shield
- Use an approved respirator if appropriate

Inspection and Storage Tips:

- Keep container tightly closed
- Keep away from direct sunlight
- Keep container in a cool, dry, ventilated area
- Store away from incompatibles

2007 Oregon Fire Code:

- Water reactive Class 2
- Maximum Allowable Quantities (MAQ) per S occupancy control area:
 - Unprotected by sprinklers or approved storage cabinets: 50 gallons
 - In sprinklered building, not within approved storage cabinets: 100 gallons
 - In unsprinklered building, within approved storage cabinets: 100 gallons
 - In sprinklered building, within approved storage cabinets: 200 gallons
 - Group when the maximum allowable quantity is exceeded H-3

Incident Reporting and Information:

- There are 4 facilities in Oregon currently reporting phosphorus oxychloride on the Hazardous Substance Information Survey
- There has been one hazardous materials incident reported in Oregon since 1986 involving phosphorus oxychloride

For questions or suggestions contact HazMat Information Specialist Alec Carte at 503-934-8262, or email aleta.carte@state.or.us



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

Pocket Guide to Fireworks Enforcement available

The Office of State Fire Marshal has available a pocket guide to assist agencies with fireworks enforcement.

The quick reference guide provides fire and law enforcement officials with knowledge of policies, guidelines and procedures when enforcing fireworks statutes and rules.

To request a copy, contact the OSFM License and Permit Services unit at 503-934-8264. You may also download a copy at http://www.oregon.gov/OSP/SFM/docs/Licensing_permits/fireworks/2006Toolkit/Retail/Pocket_Guide_2007_with_Revisions2.pdf.

OSFM seeks examples of fireworks prevention and enforcement efforts

The Office of State Fire Marshal (OSFM) is requesting Oregon fire departments and districts to submit examples of fireworks safety campaigns and enforcement actions. The OSFM will highlight submissions in future editions of the Gated Wye and post them to the OSFM website.

“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. “These examples may help other departments and agencies in planning their own prevention and compliance efforts.”

Please submit your education and enforcement examples to Sharon Kraw at sharon.kraw@state.or.us or contact her at 503-934-8285.