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# BUCKS COUNTY FIRE NEWS

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March 2018

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A PUBLICATION OF THE BUCKS COUNTY FIRE CHIEFS' & FIREFIGHTERS' ASSOCIATION

<http://www.buckscandff.com> Hot Line for Help: 267-893-5400

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The next meeting of the Chiefs' & Firefighters' Association will be held in on Monday, March 19<sup>th</sup> at Station 27, Sellersville.

7 PM Food and a program on F-500. In a world that is ever evolving, where new fire hazards seem to be presenting themselves daily, changes have also come to the agents used to fight these fires. F-500 Encapsulator Agent is the next generation in firefighting, with faster knockdowns and superior burn back resistance. F-500 EA works on three aspects of the fire tetrahedron simultaneously; cooling, fuel encapsulation and the interruption of free radical coalescence. The combination of these actions has amazing effects on Class A, B, C and D fires.

Whereas foams separate the fuel from the oxygen, F-500 EA doesn't smother the fire. Instead, it works on a molecular level. Like a wetting agent, F-500 EA reduces the surface tension of the water. This creates smaller droplets of water. F-500 EA has a large, amphipathic molecule, with

both a polar and a nonpolar end. The polar head attaches to the water droplets, eventually surrounding each droplet. These larger molecules look like pin cushions with nonpolar tails protruding in every direction. The nonpolar tails of the F-500 EA molecules seek hydrocarbon molecules, and attach themselves. Once a hydrocarbon vapor molecule has been enveloped, a micelle or cocoon is formed. This permanently prevents the hydrocarbon from re-igniting.

Foams, wetting agents and water release some of the heat from a fire in the form of steam. Then, the foam blankets the remaining heat, keeping the temperature of the fuel at dangerous, re-ignition levels. F-500 EA is amazing at drawing the heat from the fire into the protected water droplets. Finally, the micelles interrupt the free radical chain reaction which results in less toxic smoke and improved visibility. Tests show most of the toxins are removed, including cancer-causing toxins.

Come find out for yourself how F-500 can extinguish your next fire faster and safer than you could ever imagine.

7:45 PM Meeting Start

The April meeting will be held at Station 46, New Hope.

**H**ighlights of the February meeting.

State legislatures are considering ways to help the fire service in PA. One proposal is to allow local municipalities to debate and adopt a residential sprinkler requirement. Contact your local state officials to support this proposal.

A plaque was present to past President, Hugh Hager, for his excellent leadership over the past two years.

**4** new members were voted in.

**T**he Fire Department Safety Officers Association (FDSOA) and Firehouse, with the support of VFIS, are partnering to present five Incident Safety Officer Academies across the country.

The two-day ISO Academies will be based on the Jones & Bartlett, Fire Department Incident Safety Officer, 3rd Edition, and provide the skills and knowledge for attendees to serve as a fire department Incident Safety Officer.

FDSOA instructors will provide the training and at the conclusion of the Academy, attendees will be eligible to take the test for ISO certification in accordance with the ProBoard.

Hampden Township  
Hampden, PA  
March 12-13, 2018 | 8:00am  
– 5:00pm daily  
\$495 per person  
Register Today at  
FDSOA.org

**T**he contact for ATT FirstNet in Eastern PA, Rob Walls to report dead spots to. RW4167@att.com

**T**here were 106 Residential fire deaths in Pennsylvania in 2017. 2287 deaths were reported in the US. In 2017

**T**he PA Fire Emergency Services Institute offers a FREE Program on Cancer Prevention. The program runs an hour and 20 minutes. To request delivery of Saving Our Own contact Don Kunkle at 717-236-5995 or [dhkunkle@gmail.com](mailto:dhkunkle@gmail.com).

**T**he Union Historical Fire Society will hold their Annual Spring Melt April 28<sup>th</sup> & 29<sup>th</sup> at the Allentown Fairgrounds.

**T**he Cradle of Liberty Chapter of SPAAMFAA (Society for the Preservation and Appreciation of Antique Fire Apparatus in America) will host the Summer National Convention in Cherry Hill, NJ August -4, 2018. The will be held on Saturday August 4<sup>th</sup> in Cooper River Park, Pennsauken, NJ. [www.CLAFAA.org](http://www.CLAFAA.org) for more information.

**K**idde 10-Year Battery Back-up 110 Volt hardwired Interconnected Smoke and Smoke/CO detectors are now available. The battery is activated when the detector is rotated completely onto the mounting base. This is when the 10-year count begins. \$16. Each @ Colonial Electric.

**K**idde 10-year Wireless Interconnected Smoke and Smoke/CO Detectors are now available. They are **not** compatible with the Kidde Wireless detectors that have been on the market for the past 10 years. All of these detectors have “voice” that among other things announce, “Fire”, “Carbon

Monoxide”, “End of life”. These also begin their battery life when rotated onto the base. (\$38. each at Colonial Electric, York Rd., Warminster) With no battery changes for 10 years, this is an excellent buy considering the 3 AA battery wireless detectors are \$30. each.

**S**tation 28, Eddington, has sold their 1993 Emergency One Hush quint, 75 ft rear-mount aerial ladder, 1500/500 to the Whitehorn Fire Company (Wagoner County, OK ).

**S**tation 49, Ottsville, has sold their old Pierce Ladder to some place in Canada, north of City of Quebec,

**S**tation 24, Plumsteadville, were at Rosenbauer the week of 2/19 for final inspection of their new tanker, anticipated delivery in early March

**S**tation 34, Chalfont, has sold their 1996 KME Renegade quint, 1750/500, 75ft steel rear-mount aerial ladder to the Sandhills VFD of Jefferson (Chesterfield County, SC)

**S**tation 16, Cornwells, are selling their 2006 Pierce Enforcer, 1250/750/30 engine.

**S**tation 48, Delaware Valley, has sold their 1997 KME Renegade engine to the Aurora Rural Fire Protection District (Lawrence County, MO) which is in Southwestern Missouri.

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**S**tation 16, Union, have received a new 2018 Ford Explorer chief's vehicle.

**S**tation 93, Hartsville, has taken delivery of a 2018 Pierce Saber 1500/750/30 Engine. The old Engine has been sold and will leave as soon as the new Engine is ready for service.

**M**odel Performance in Community Risk Reduction Symposium will be held April 9-11 in Reston, VA.  
Sunday April 8  
5:00 – 9:00 PM Exhibit Setup  
6:30 PM Informal Meet and Greet  
Monday April 9  
7:30 – 9:00 AM Registration and Continental Breakfast  
9:00 AM Opening General Session  
Welcome  
Chief Richard R. Bowers, Jr.,  
Fairfax County Fire and Rescue

Brian McGraw, VA State Fire Marshal  
Keith Bryant, USFA Administrator  
Overview of Symposium Goals  
Presentation of Model Performance in CRR  
6:00 – 8:00 p.m. Reception  
Hosted by First Alert in Exhibit  
<http://www.strategicfire.org/symposium/>

**H**istory – During the Bucks County 100th Anniversary Parade in Doylestown, June 4, 1938, firefighters from William Penn Hulmeville, “pulled their wheeled, hand-cranked 1838 water tank and directed water hoses onto a model building set fire in the middle of Main St.” 70 pieces of firefighting equipment from 52 companies took part in the parade

**S**tation 5, Midway Vol Fire Co, is expecting delivery of our new Rescue One rescue truck in late summer. Our 1992 E-One rescue truck is for sale. Anyone wishing information may contact Chief Hugh Hager at [c5@midwayvfc.com](mailto:c5@midwayvfc.com).

**T**here are probably few more "high-risk, low-frequency" situations than when operations go wrong at a structure fire. And when they do, and especially when a

Firefighter is injured or gives their life, we have an opportunity-and an obligation-to study what went right, and what went wrong. Clearly, not every firefighter Line of Duty death is avoidable, but the great majority have proven to be, and when we have a chance to learn-we do.

This upcoming, no-cost webinar on **MONDAY MARCH 19**, 1300 eastern, hosted by Gordon Graham's crew at Lexipol, will feature these three Fire Chiefs who will discuss their experiences related to the deaths of four Firefighters in:

-Hartford, CT (Fire Chief Reggie Freeman)

-Bryan, Texas (Fire Chief Randy McGregor)

-East Franklin, NJ (Fire Chief Dan Krushinski)

These leaders will share the specifics of the incident, details from the post-fire investigations, and the changes they and their departments have made and continue to make to help prevent similar incidents from recurring.

You'll hear directly from the Chiefs:

-Details and lessons from these three structural fires

where four Firefighters were killed.

-Leadership and organizational changes to address the root causes of firefighter LODDs.  
-Common factors contributing to structural firefighter LODDs and how to learn from them  
... and you will be provided with links to applicable resources and documents that you can consider for us at your own departments.

The registration link is:

<https://info.lexipol.com/webinar-firefighter-lodd>

**P**riming a Centrifugal Pump has always required a priming motor. Now primers have no moving parts and require no electricity. They use air and the venturi principle. They use air supplied from the chassis air brake compressor to operate the pump primer. This eliminates the impact load on the vehicles electrical system. It also improves performance in the elapsed time for establishing water supply resulting in improved fireground operations and safety. This is proven to be far more efficient and reliable than the conventional electric motor.

**E**very month at least one person's e-mail fails. If you would like to receive this newsletter, please send me your e-mail address.

Thanks, Ed  
edpfeiffer44@gmail.com

**Real -----Fire -----  
Prevention depends on  
early smoke detection.**

This is your newsletter and it needs your input to be successful.

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anytime during the month.**