From:	Ouellette, Kara
To:	"cfpc_news@list.ct.gov"
Subject:	CFPC Listserv Notices 01/11/2018
Date:	Thursday, January 11, 2018 4:30:00 PM
Attachments:	H2_Safety_Training_Flier_Connecticut_2018.pdf Flanagan - Application Cover letter.pdf Flanagan - 2017-18 Application .pdf Old Mystic Command General staff (3).pdf Gordon Graham Flyer.pdf Bowling Flyer 2018.pdf Bowling Registration Form 2018.pdf CFA 2018Application 1 2 18.pdf

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State of Connecticut
Department of Emergency Services & Public Protection
Commission on Fire Prevention and Control
January 11, 2018

1. **Hydrogen Safety Training for First Responders – Train the Trainer**
2. **Andrew J. Flanagan Memorial Scholarships**
3. **ICS 300, ICS 400, Command and General Staff**
4. **NFA Course – Campus Fire and Life Safety: Risk Assessment**
5. **TRFD to Host Tanker Shuttle Class**
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8. **PBPFFA IAFF Local 2704 Bowling Tournament**
9. **Firefighter Near Miss Report of the Week**

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1. Hydrogen Safety Training for First Responders – Train the Trainer

Back in November, 2016 the Connecticut Fire Academy hosted Hydrogen Safety Training for First Responders presented by the Pacific Northwest National Laboratory. They are now rolling out the next phase of this training to include a 4- hour classroom portion and 1- hour Fuel Cell Vehicle Display and Live Fire Demonstration. The Train the Trainer training is scheduled for Friday, March 9, 2018 from 9 a.m. to 3 p.m. at the Connecticut Fire Academy in Windsor Locks. The training will cover hydrogen fuel cell technology, vehicles and the support infrastructure being constructed throughout Connecticut, Massachusetts, Rhode Island, New York and New Jersey.

There is no cost to attend. To register, please call or email Kim Taylor, Training Registrar at (860) 264-9238 or kim.taylor@ct.gov. See the attached flyer for additional information.

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2. Andrew J. Flanagan Memorial Scholarships

Consideration for the Flanagan Memorial Fund Scholarships is given to any firefighter, career or volunteer, enrolled in college level fire related courses either full or part time, and are awarded at the successful completion of the 1st semester. A second award is again given at the completion of the 2nd semester. Attached is the Scholarship Application and Cover Letter for the 2017-2018 Academic Year. This information may also be found on the Fire Academy Web Site. Please pass on this info to firefighters so enrolled. Any questions, please call Peter Beckwith, Secretary, 860-646-4242.

http://www.ct.gov/cfpc/cwp/view.asp?Q=574104&A=831&cfpcPNavCtr=|#42330

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3. ICS 300, ICS 400, Command and General Staff

Where: Old Mystic Fire Department St. 1 - 21 North Stonington Rd - Mystic, CT 06355
When: February 12th 2018 – February 16th 2018 - 0800 - 1630
Topics: ICS 300, ICS 400, command and General Staff certificate.

Description:
This course presents training to a designated team of fire, EMS, Department of Public Works, Public Health and/or law enforcement personnel from a larger and generally more populated area, typically with a single jurisdiction (city, county or region). They would be activated to manage an incident requiring a significant number of local and mutual aid resources. The course is intended to be delivered as "team training" to an entire Local IMT. The aspects associated with training as a team are critical for effective coordination and decision-making under high stress, dynamic situations such as those during emergency incidents. It is understood, however, that there are occasions where all team members may not be able to train together, and occasions when new/additional team members need to receive training.

*This course is also equal to 3 upper level college credits
All inquiries can be sent to:
Captain Keith Richards at krichards@omfd.org
OMFD HQ: (860-536-3432)
Please REGISTER THROUGH CTTrain
https://www.train.org/connecticut/welcome
https://www.train.org/connecticut/course/1074398/live_event

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4. NFA Course – Campus Fire and Life Safety: Risk Assessment

The Connecticut Fire Academy will be hosting the National Fire Academy course titled: **Campus Fire and Life Safety: Risk Assessment on** March 22-23, 2018. The course will be held at the Connecticut Fire Academy, 34 Perimeter Road, Windsor Locks and will run each day from 0830-1630. The cost of the course is $ 60.00 and includes lunch each day. The course has been pre approved for 16 hours of fire marshal credit through OEDM. To register please complete the attached CFA and NFA registration forms. Deadline to register is

February 1, 2018. Any questions about the program should be directed to mark.waters@ct.gov

The following is a brief description of the course: This two day course is to enable the student with the ability to create a comprehensive campus fire and life safety program starting with conducting a risk assessment and developing and evaluating an emergency plan as well as building partnerships to sustain emergency programs and plans.

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5. TRFD to Host Tanker Shuttle Class

Turn of River Fire Department in Stamford, CT, located at 268 turn of River Rd, will be holding a full, free, Tanker Shuttle certification class, free of charge, off a DEEP grant, on June 9th and 10th, 2018 (Saturday and Sunday) starting promptly at 0800 hrs. Anyone with Pump Operator is eligible to test for the state's Tanker Operator certification.

Enrollment begins today, and will end Wednesday, June 6, 2018 at 1730hrs. There is no limit to the number of students, we just request each department attending bring their Tanker with them and provide the number of students attending. There is no charge to all attendees.

Please contact Training Captain Jason Bernstein at 203-914-3799 or jbernstein@trfd.com

Should anyone have any questions, they can be forwarded to the above phone number and/or email address.

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6. Save the Date – Gordon Graham Event March 15th

The Connecticut Volunteer Workforce Solutions team brings you a full day seminar with Gordon Graham at Central Connecticut State University. Mr. Graham is an expert in risk management and an award-winning speaker on the subject. This seminar will feature some of his most popular topics and will benefit all levels of experience, from Firefighter to Chief. Please see the attached flyer for further details.

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7. Weather Alerts – Flooding/Roof Loads

Flood Watches are in effect for all of Connecticut from Friday morning through Saturday afternoon. The combination of heavy rain forecast (2-4 inches over the entire region) on top of frozen ground and snow melt along with the possibility of isolated ice jams along area rivers and streams presents a serious threat of flooding. We must also be mindful of the remote possibility of the potential collapse of buildings due to excessive roof loads. As such we are providing a link to the Commission on Fire Prevention and Control's *Model Procedures for Fire Department Response to Collapse or Potential Collapse of Buildings Due to Excessive Roof Loads*.

http://www.ct.gov/cfpc/lib/cfpc/modelProcedsBLDCOLLAPSEFINAL2013.pdf

Don’t wait, prepare today, ensure your dewatering pumps are fully operational.

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8. PBPFFA IAFF Local 2704 Bowling Tournament

PBPFFA Local 2704 is hosting its 9th annual Todd Williamson Memorial Bowling Tournament in support of the Todd Williamson Fund and Scholarship.

The Tournament is held at Spare Time in Groton CT. March 4th.

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9. Firefighter Near Miss Report of the Week

Winter Driving Presents Unique Hazards and Challenges

Summary

Responding on roadways covered with snow and ice is a seasonal reality for many agencies. Realizing that snow and ice can present unique challenges, and modifying your driving can help avoid the sinking feeling of an apparatus getting stuck.

Event Description

I was out doing normal, non-emergency driving within our jurisdiction in our front-line, 100-foot aerial apparatus. The area I work in is susceptible to heavy snowfall during winter months and the roads are often hard to see because of the amount of snow on the road. We rely on the accuracy of our snowplow teams in defining the road boundaries as accurately as possible.

While driving, I was traveling at about 25 MPH, with my apparatus fully chained on all ten tires. I was following the path of traffic and broke through the packed snow and then became stuck in the snow. The apparatus was listing at about a 40-degree angle and there was no way to drive it out safely. The only thing keeping the apparatus upright was the ice and snow berm created from months of previous plowing.

I exited the apparatus and began a visual inspection to determine what had happened. I shoveled several inches of snow with the help of law enforcement and found that the road was about six feet away from the position of the breakthrough of the apparatus. This placed the apparatus in a position just over a hillside. The snow plow operators had miscalculated where the road was, and the weight of our apparatus found a weak spot in the snow pack.

The apparatus had to be pulled out by a heavy-duty tow truck and no one was injured.
View the Report: Aerial Apparatus Stuck in Snowpack

Take-Aways

In many areas, the arrival of winter ushers in a long season of driving on roads covered with snow and ice. In other regions, snow and ice can be a genuinely low-frequency, high-risk

event that happens only rarely. These conditions can be challenging to responders. Slowing down and understanding how your apparatus handles can help you to cope with the changing conditions winter can present.

Your vehicle systems can switch from being helpful to being part of the problem. Auxiliary braking systems, such as transmission or exhaust brakes, can cause a vehicle to lose traction. Many manufacturers of these devices recommend deactivating them in slippery conditions.

Tire chains can help provide a more sure-footed response but also come with speed limitations. Chains must be installed correctly and kept tight, or vehicle damage can result. Automatic chains have eliminated some of these risks, but they also come with restrictions as far as speed of travel and speed of deployment.

Taking time in the fall, before the snow and ice hits, to talk about these topics can help ensure everyone is ready to deal with the winter weather.

Discussion

- How much training have you received on winter driving operations?
- Are there any limitations for the tire chains or cables your department uses? What are those limitations?
- How would you handle a response if your apparatus becomes stuck or you determined a road isn't passable? Do you have other 4X4 vehicle types that could respond instead?

Leading Practices

Most drivers in areas that frequently see winter conditions know that deactivating auxiliary braking systems is important in slippery conditions because they can cause a slide or, worse yet, a wheel lockup, potentially shutting down the engine. Engine shutdown leads to loss of steering ability and can also affect air brake performance.

Reviewing the manual for the system on your vehicle or reaching out to manufacturers can help make everyone aware of the specific recommendations for these systems on your apparatus.

Tire chains are a standard tool to increase traction in snow and ice. Make sure you understand installation instructions and speed limitations. Traveling too fast or allowing chains to come loose can cause them to strike vehicle components like fenders, axles and suspension systems. This can result in expensive repairs and may mean that a particular apparatus will not be able to continue its response.

Review installation instructions and limitations of your chains before the weather turns nasty.

Automatic chains also have speed restrictions and specific instructions to deploy them when you are already stuck. These systems require periodic maintenance and adjustment as well. Suppliers of these systems have good training materials to educate drivers on their proper use.

Related Near Miss Reports

- 4X4 Launched Across Bay by Rear Tire
- Quint Slides Backwards on Snowy Hill
- Apparatus Slides on Snowy Apron
- Ice Causes Apparatus to Slide While in Operation

Additional Resources

- OnSpot Automatic Chains Operations Video
- Firehouse.com Article: Winter Driving Tips for Apparatus Operators
- Firehouse.com Article: Firefighter, Deputy Injured in Crashes on Snowy MI Road
- FireRescueMagazine.com Article: Safety Tips when Operating in Icy Conditions

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