

# MINUTES

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## Board of Fire Engineers Board, Committee, Office, Etc.

Date: September 3, 2014 Time: 6:00 P.M.  
Present: Chief Rudge, Asst. Chief Hamilton, Asst. Chief Hobin,  
Asst. Chief Gasco, Asst. Chief Piscitelli  
Absent: None

Minutes were not available. Invoices were signed. Mail was read. Account balances were reviewed.

--Board meetings are scheduled for 9/8, 9/10, and 9/15. The Board agreed to cancel the September 15<sup>th</sup> meeting. They will return to their regular schedule in October.

--Lt. Jason Cadrin requested the use of Engine 1 during his wedding ceremony on 9/6/14. The truck will be located in Grafton from 5:45 p.m. to 7:30 p.m. Discussion took place. Chief Rudge said as long as there is a crew to respond with the truck, Lt. Cadrin can use it. The crew is to be made up of those not attending the wedding. The Board does not want to set a policy for the use of fire department equipment and agreed to consider other requests on a case-by-case basis.

Self Contained Breathing Apparatus: The purpose of tonight's meeting was to have each vendor present their product and answer any questions the Board may have:

### 6:00 P.M.-SCOTT

Brandon Milan was the representative for Scott. He demonstrated Scotts' newest pack.

- ~ The X3 is compliant with 2013 Standards. It is available with a 45-minute 4500psi or 5500psi bottle.
- ~ Two styles available-snap change or CGA (standard thread). Snap change eliminates the need for a high pressure hose.
- ~ Backframe has streamlined design
- ~ Pressure reducer mounted at bottom of harness, PASS device mounted in backframe. Shoulder straps are padded and wider
- ~ Drag rescue loop can be used with a gloved hand
- ~ LED's in backframe shine to the front and back making for better visibility of firefighter.
- ~ Redundant emergency precautions on pressure reducer and speakers
- ~ Option available for a dual buddy breathing system
- ~ Pack tracker and hand held receiver option available
- ~ Face piece exceeds heat standards and has a dual seal that gives a better fit and is more comfortable

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- ~ A voice amplifier is available. This runs on 3 "AAA" batteries and provides forward facing speaker. Mounting bracket is available and does not have to be installed in all face pieces.
- ~ Warranty: 15-years on the pressure reducer and 10-years bumper to bumper except for electronics which has a 5-year warranty.
- ~ Requires an annual flow test, fit test and 5-year hydrostatic test. (This is required for all SCBA's regardless of manufacturer.)
- ~ Will provide loaners when out for repairs, can come to the station for some repairs.
- ~ Six "AAA" batteries will run the power pack for about 200-hours (without the pack tracker).
- ~ Cross contamination eliminated-air enters and exits through different systems.
- ~ Regulator can be immersed in water for cleaning.
- ~ RIT pack has a skid plate for easy transport, two storage pouches, eight metallic rings, reflective stripping, and six-feet of line for buddy breathing. There are no standards for RIT packs.
- ~ Will provide in service training on use of SCBA's and RIT packs.
- ~ Estimate for X3 is \$7500—does not include bottle or face piece.
- ~ Lead time (for ordering) is 10 to 12 weeks.

### **7:00 P.M.-MSA**

Scott Garland, Tom Routhier, and David Flynn were the representatives for MSA.

- ~ MSA's newest pack-G1- has not been approved by NIOSH. They expect this within three weeks. The M7XT has already been approved.
- ~ Face piece on G1 has been revamped to eliminate all electronics and is the lightest piece ever offered.
- ~ Face piece does have integrated heads up display and communications.
- ~ A central power source is located in the frame that can be used with 10-standard alkaline batteries or one lithium rechargeable battery
- ~ Microphone is digitized-giving clearer communications.
- ~ Warranty: 15-year bumper to bumper except for consumables (straps, lens pieces, and batteries). Otherwise, all hardware, software, electronics, and structural components are covered.
- ~ Backframe has a sleek design that allows the weight to be carried on the hips; has wider shoulder straps; luminescent material; a chest strap; and side carrying harness rated for 5000lbs. Can easily be broken down for repairs.
- ~ Mobile service unit will travel to the station for repairs/testing.
- ~ Three different size nose cups and face pieces are available.

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- ~ Board members noted a common complaint on the evaluations from firefighters was the fit of the face piece. The Board was told the piece was redesigned and a demo unit can be provided.
- ~ Estimate for G1 is \$6900.
- ~ Lead time (for ordering) is four to six months out.

### **8:00 P.M.-ISI**

Neil Bagdis was the representative for Avon/ISI.

- ~ Deltair is their latest SCBA.
- ~ Options include a two-way radio for thru the mask communications, echo tracer, echo tracker, spectacle kit that will fit in the mask, and escape belt built into the pack
- ~ The escape belt will require special training over a three day period for a cost of about \$5000. Train the trainer is available for a cost of \$1000. Once used the rope must be replaced. Harnesses are individualized and ordered by size.
- ~ Department name can be placed on the bottles
- ~ Masks can be adapted for two-way radio ability at a later date
- ~ The pack has a digital voice system with noise cancelling feature
- ~ External or internal buddy breather available
- ~ Mask has heads up display with a 210' field of vision.
- ~ RIT pack available in red or black. Has reflective stripping and a 60-minute bottle (either high pressure, low pressure or a combo), bag features a tool pouch and different lengths of hose. Cost is \$3500 and \$1500 for a spare bottle.
- ~ A special fitting is available that will allow interface with any cylinder regardless of manufacturer.
- ~ Single power source runs on 6 "C" cell batteries. Mr. Bagdis will supply batteries once a year for 10-years at no charge (to be replaced when flow testing is done)
- ~ Clam shell shaped backframe sits low on hips. Nothing is exposed except for the hand wheel.
- ~ Mobile service truck is available for all testing.
- ~ In-service training will be provided. Fit testing to be done at no cost.
- ~ Warranty: 15-years for pneumatics and 10-years for electronics
- ~ Avon offers an AFG package for about \$5700. This includes a 45-minute bottle with buddy breather and a spare bottle. Optional Tracker is about \$1000 and will require at least one tracer at \$800 ea.
- ~ Lead time (for ordering) is four to six weeks from order date.
- ~ When asked if there was a market for Millbury's current units, Mr. Bagdis suggested Dalmation, EBay or Craig's List

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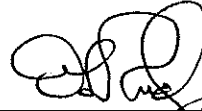
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Board members will consider all information and make a decision at another meeting.

Asst. Chief Hobin made a motion to adjourn. The meeting adjourned at 10:00 p.m.



Rich P. Hart

Raymond E. Holien

Bruce K. Garrow

Regina A. Markey, Clerk