



LTF&R

## JANUARY 2023 MONTHLY REPORT



### *~LTFR Participates In A Regional Ice Rescue Training~*

In early January four (4) Leland Township Fire & Rescue personnel participated in a regional training in Ice Rescue. The two day, 16-hour course was paid for using training funds approved by fire chiefs from both Leelanau and Grand Traverse Counties.

The course provided participants with information on ice conditions/formations and how to recognize hazards, how to avoid becoming a victim, how to evaluate ice strength, the signs, symptoms, and treatments for hypothermia. The course also provided training on equipment selection, planning & evaluation, as well as recognizing cold-water drownings. The class provided daytime and nighttime operational periods.

Attending the training were full-time firefighters Greg Johnson, Zorran VanZandt, Cameron Pehrson, and Brian Rossdeutcher.



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**Fire – Rescue Services**

***Total Fire-Rescue Calls 18***

Building Fires	1
Chimney/Fuel Burner Fires	0
Vehicle Fire	0
Forest, Wildland, or Grass	0
Burning Complaint	1
Utility Problems (i.e.: Gas leak, power lines, CO, etc.)	3
Fire Alarm, Smoke Alarm, or Carbon Monoxide Alarm	3
Assist Law Enforcement	6
Lift Assist/Assist Invalid	2
Other	2
Cancelled en route to the call	0

**Mutual Aid / Automatic Aid**

Given: 4 calls                      Received: 1 call

**Training**

Fire Personnel completed a total of **215 hours of classroom or practical training**. Personnel also completed **44.5 hours of online training** too. Training consisted of fireground communications, establishing incident command, scene size-up, CPR/AED, ice water rescue, and a fireground skill sharpening session (hosted by the Glen Lake Fire Department).

**Calls by Shift**

<b>SHIFT</b>	<b>ASSIGNED PERSONNEL</b>	<b>CALLS FOR THE MONTH</b>	<b>SHIFT CALLS - YTD</b>
<b>RED</b>	FF Morse, FF Rosseutcher & FF Calappi	<b>15</b>	<b>15</b>
<b>GREEN</b>	Captain Korson, FF VanZandt, & FF Pehrson	<b>5</b>	<b>5</b>
<b>BLUE</b>	FF Johnson and FF Rosselle	<b>14</b>	<b>14</b>

**Zone Statistics**

<b>ZONE</b>	<b>JANUARY 2023</b>	<b>YEAR TO DATE</b>
Box 501 – North	<b>0</b>	<b>61</b>
Box 502 – East	<b>1</b>	<b>20</b>
Box 503 – South (LL)	<b>11</b>	<b>156</b>
Box 504 – Southwest	<b>1</b>	<b>28</b>
Box 505 – West (Leland)	<b>13</b>	<b>114</b>
Box 506 – Fishtown	<b>0</b>	<b>13</b>
Mutual Aid – Out of Leland Township	<b>8</b>	<b>117</b>
<b>TOTAL</b>	<b>34</b>	<b>34</b>

### Overlapping Calls

Overlapping calls are two or more calls occurring at the same time before the Duty Crew can respond to it. For instance, the Duty Crew could be responding to, arriving at, or at the scene of an incident when another call for service comes in. In 2022 we had an overlapping average of about 13.8% (as compared to 15.8% in 2021 and 11.9% in 2020). In December we had 2 overlapping calls for a total of 5.9% of our calls. This year our overlapping call average is about 5.9% (2 of 34).

### Apparatus Responses:

This chart identifies our top five (5) busiest apparatus, based on incident responses, for the month of November:

Apparatus Call Sign	Type of Vehicle	Number of Responses
Alpha 592	2012 Dodge Ambulance	21
Engine 511	2014 Rosenbauer Engine	7
Alpha 591*	2017 Ford Ambulance	6
Echo 595*	2018 Ford Explorer	6
Engine 512*	2012 Ford HME Engine	4
Chief 501*	2014 Ford Explorer	4

\*=tied (if applicable)

### Birthday Wishes:

Upcoming birthday wishes for our personnel include –

- Nate Gooden 2/4
- Russell Korson 2/18
- James Howard 2/22

### Department Anniversaries:

Members celebrating their Leland Township Fire & Rescue Department service anniversaries in January were (years in parenthesis):

- Brian Rossdeutcher (1 Year)

### Call Staffing:

This chart provides the duty crew staffing levels for the number of incidents. Our minimum is two (at least one Paramedic). 3 calls involved the response of off-duty/paid-on-call staff.

- Two FFs on duty: 5
- Three FFs on duty: 20
- Four or more on duty: 9

### Vehicle Repair & Maintenance:

Several vehicles needed attention in January of 2023. Below is a brief synopsis of the work that was done to it:

- Ladder 531 has been at Allied Services, near Muskegon, since the fall of 2022 getting a slew of work done to it. It had a gremlin that developed in it that would cause it to not get power to the turntable – causing the aerial to not operate like it normally would/should. The root cause was determined to be a combination relay, timer, and circuit breaker unit. It would simply send power intermittently to the aerial device and we didn't know when it would work and when it wouldn't – rendering the aerial useless for emergency operations. During Allied performing preventative maintenance and the required Department of Transportation (DOT) inspection on the apparatus it was noted that it needed new brakes, rotors, and parts and it was suffering from a cracked bell housing – normally hidden from view – and had to be shipped to Allison Transmission. The command was left with a few decisions to make but opted to have a remanufactured transmission put on it and extend the life of the unit. Numerous small other items were fixed on it as well. The “underneath, important component” of the aerial truck has been examined, repaired, replaced, and brought up to par so that it will continue to have an extended service life in Leland Township. *Estimated repair costs: \$25,000.*
- Echo 595 experienced a worn drawer hinge where several pieces of essential Advanced Life Support equipment was stored. When “heavy duty” hinges didn't correct the issue, failing to support the drawer when it was fully extended, Assistant Chief Geoff Niessink and Firefighter Brandon Morse were able come-up with a design and fabricate a door to secure the equipment in place. State requirements call for the equipment to be always secured. When the drawer's locking and hinge mechanisms failed we had to find an alternate; less than impressive way of securing it. Using their professional know-how, they found an inexpensive and much more “user friendly” remedy. Thanks Geoff and Brandon! *Estimated repair costs: \$50.*
- Hydrant 581 was experiencing a long, delayed start-up and difficulty maintaining a charge. We suspected a bad battery and we were correct, sort of, the vehicle had two bad batteries. Van's Garage, In Leland, replaced the batteries, the same day, and got us back on the road promptly. *Estimated repair cost: \$600.*
- Alpha 591 is our primary ambulance, except for this time of year, when we use the back-up ambulance (Alpha 592 – 2012 Dodge) because of the 4x4 capabilities. When Alpha 591 was being driven a few weeks ago the crew noticed it had a very heavy pull. It was sent to Cliff's Auto Repair in Traverse City, who can work on ambulances, and it was

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determined that it needed new upper and lower ball joints, tie rods, and control arms. It was also in need of new tires (handled next door at Accurate Wheel and Tire) and an alignment. When the work was completed, the crews remarked that it was the best the ambulance had driven/handled in quite some time. We were pleased with the work performed. *Estimated repair costs: \$9,000.*

- Fuel costs for the month of January is approximated at \$1,300.

**Miscellaneous Things Involving Our Department:**

- Promoted Firefighter/EMT Derek Smith from part-time to full-time effective March 6<sup>th</sup>, 2023. Derek has experience from throughout the state of Michigan, including Long Lake Township, Almira Township, and Inland Township in Northern Michigan.
- Conducted a full-time staff and command staff meeting to discuss new operational highlights and to discuss goals and objectives for 2023,
- Continued working on updating our pre-incident plans and creating initial versions of our Incident Action Plans. Pre-incident plans are reviewed, updated, and created by Firefighter VanZandt and Incident Action Plans are created by Firefighter Greg Johnson.
- Took delivery of two new mattresses and bedframes for the Lake Leelanau Fire Station's dorm rooms. Both beds were donated by Golden Fowler Furniture in Traverse City.
- Took delivery of \$8,000 worth of fire hoses to replace hoses that had failed hose testing/annual recertification processes or have been damaged beyond repair during the course of firefighting duties.
- Continued training on our new drafting/water pump unit, the Turbo Draft, to enhance our familiarization and utilization.
- Fire Chief Besson received his annual employee review as outlined in his employment agreement and township policy.
- Loaned Alpha 592 (ambulance) to Suttons Bay-Bingham Fire Department overnight when both ambulances went out of service suddenly and a technician was unavailable until the morning. Their ambulance wasn't drivable, and we provided one of our two ambulances temporarily.
- Tony Calappi, one of our newest full-time members, earned his full level of function within our medical control authority. Tony is a licensed, fully operating paramedic – and began working for LTFR in December 2022.



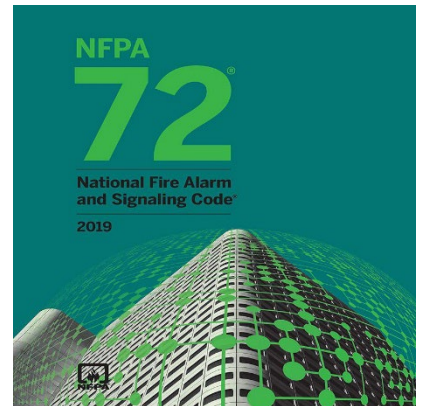
**Fire Chief Besson**

# Our Month in Pictures...



Leland Township Fire Chief Dan Besson represents the International Association of Fire Chiefs (IAFC) on the Correlating Committee of the NFPA 72 (Fire Alarm) Code. Besson traveled to a committee meeting in January to discuss the new code.

The votes that he casts are on behalf of all IAFC members.

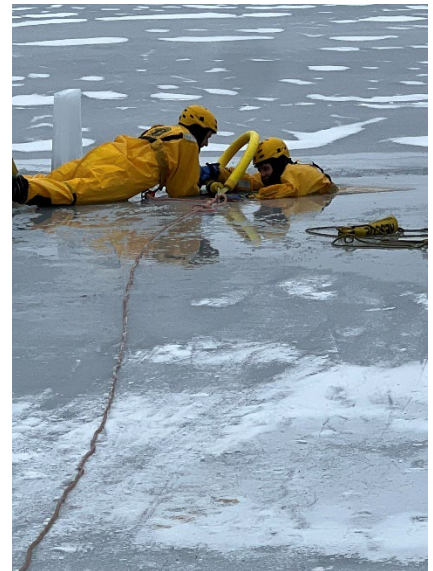


Four Leland Township Fire & Rescue crew members participated in a 2-day Ice Rescue Technician course hosted by the Northwest Regional Fire Training Center in TC.

Participating were full-time firefighters Greg Johnson, Cameron Pehrson, Brian Rossdeutcher, and Zorran VanZandt.

See the front cover for more information.

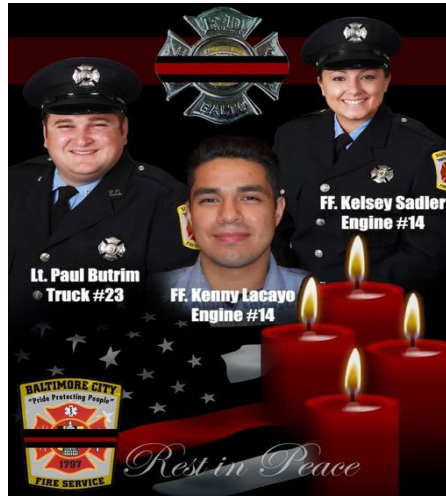
Photos: Greg Johnson





In 2022 the Leland Township Fire & Rescue Department responded to 12 building fires. That averages out to one per month or collectively four per shift; per year. They are high-risk; low-frequency events that can easily lead to disaster.

At the first department training, in January, Fire Chief Besson, joined by Firefighters Garrett Fairchild and Derek Smith, looked at the 16 National Firefighter Life Safety initiatives and provided training on fireground communications, incident management techniques, and scene size-up. There were in-depth reviews of the recent line of duty deaths in West Penn Township (PA), Baltimore County, and the City of Baltimore (MD) where, combined, 6 firefighters lost their lives.



## 16 Firefighter Life Safety Initiatives

1. Define and advocate the need for a cultural change within the fire service relating to safety; incorporating leadership, management, supervision, accountability and personal responsibility.
2. Enhance the personal and organizational accountability for health and safety throughout the fire service.
3. Focus greater attention on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities.
4. All firefighters must be empowered to stop unsafe practices.
5. Develop and implement national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters based on the duties they are expected to perform.
6. Develop and implement national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform.
7. Create a national research agenda and data collection system that relates to the initiatives.
8. Utilize available technology wherever it can produce higher levels of health and safety.
9. Thoroughly investigate all firefighter fatalities, injuries, and near misses.
10. Grant programs should support the implementation of safe practices and/or mandate safe practices as an eligibility requirement.
11. National standards for emergency response policies and procedures should be developed and championed.
12. National protocols for response to violent incidents should be developed and championed.
13. Firefighters and their families must have access to counseling and psychological support.
14. Public education must receive more resources and be championed as a critical fire and life safety program.
15. Advocacy must be strengthened for the enforcement of codes and the installation of home fire sprinklers.
16. Safety must be a primary consideration in the design of apparatus and equipment.



On the Web at: [www.FireHero.org](http://www.FireHero.org)







Leelanau County Fire Departments work together often so it makes sense to train together too. In previous monthly reports we have documented several of those training sessions both in and outside of Leland Township.

Here our newest full-time firefighters, Brian Rossdeutcher and Tony Calappi, attend a fireground training session at the Glen Lake Fire Department. They gained valuable ground ladder, search and rescue, and airpack scenarios, in order to sharpen their skills. Thank you to the instructors!

Photos: Derek Smith

