

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

November
2018

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

59th Year

(1959-2018)

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The Massachusetts Institute of Fire Department Instructors is a non-profit organization and was established on September 30, 1959. MIFDI's mission is "to promote fire department training and education by the mutual sharing of knowledge".

THE MIFDI OFFICERS - 2018

President: Captain Mark W. Roche, Newton Fire Department
 1st Vice President: Deputy Chief Brian F. Belliveau, Fitchburg Fire Department (Retired)
 2nd Vice President: Vacant
 Secretary: Captain Edward (Ted) D. Quinn, Jr., Peabody Fire Department
 Treasurer: Firefighter / Instructor Michael McLeieer, Merrimac Fire Department

THE MIFDI BOARD of DIRECTORS

Terms Expire 2018

Chief Thomas Conway, III, Billerica Fire Department (Retired)
 Assistant Chief Robert MacKendrick, Lynnfield Fire Department (Retired)
 Chief Richard Gomes, Norton Fire Department (Retired)

Terms Expire 2019

Lieutenant George Churchill, Brockton Fire Department (Retired)
 Firefighter / Instructor Michael McLeieer, Merrimac Fire Department (Past President)
 Chief James M. Vuona, Shrewsbury Fire Department

EDITOR

Firefighter / Instructor Scott D. Maker, Merrimac Fire Department

VISIT US ON THE WEB!

www.mifdi.org

E-MAIL- mifditreasurer@escapeinc.org

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**Massachusetts Institute of Fire Department Instructors - Tax ID: 04-2307216
 2019 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2019**

**Your MIFDI Dues
 are due Jan. 1st**



**or Join MIFDI for
 the first time.**

Membership Information

Name _____
Address _____
City & State _____
Zip Code _____
Phone (Home) _____
E-mail Address _____
Fax (Home) _____

Work Information

Department _____
Rank _____
Phone (work) _____
Fax (work) _____
Address (work) _____
City & State (work) _____
Zip Code _____

<u>Membership Type:</u>	<u>Send Bulletin To:</u>	<u>Membership Dues:</u>
<u>circle one</u>	<u>circle one</u>	<u>Active</u> \$ 35.00
<u>Active</u>	<u>Home</u>	<u>Retired</u> \$ 15.00
<u>Retired</u>	<u>Work</u>	<u>Associate</u> \$100.00
<u>Associate</u>	<u>E-mail</u>	

There is also a \$10 late fee if dues are paid after April 1st
 Please mail completed Application with check or money order payable to:

MIFDI
 Attn: Michael McLeieer, Treasurer
 PO Box 507
 Merrimac, MA 01860-0510
 Phone: (978) 346-4731
 E-mail: mifditreasurer@escapeinc.org



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NOVEMBER MEETING

The November meeting of MIFDI will be held on **Wednesday, November 28, 2018** hosted by the Waltham Fire Department courtesy of Chief Thomas MacInnis. We will meet in the Waltham 9-1-1 Center 2nd floor training classroom located at 171 Lexington St. between the Central Fire Station and the Police Dept. MIFDI last met in Waltham for our November 2017 meeting.

Our training will be provided by Keolis Commuter Services with a presentation on safety operations for firefighters & first responders at commuter rail emergencies.

DIRECTIONS:

From Rt.128/I-95, take Exit 27A (Totten Pond Rd). Follow Totten Pond Rd to the end and turn right on Lexington St. follow Lexington St a short distance and you will see the Municipal Center on the left. Enter the training room from the “D-side” of the 9-1-1 Center.

SCHEDULE:

0930: Coffee, **1000:** Presentation, **1130:** Business Meeting, **1200:** Lunch (Off site)

PARKING:

Members are asked to enter from the “D” side of the Central Fire Station and park along the fence down towards the training tower and in the training tower lot behind the fire station.



TREASURER'S REPORT

Beginning Balances for 01/02/2018
 Preferred C.U. Checking \$212.07
 Preferred C.U. Savings \$195.58
 CapitalOne Sav. Balance \$1,771.35
 Total: \$2,179.00

50/50 Raffle = None
 Winner = None
 Net Proceeds from 50/50 Raffle = N/A

Total active members = 95

Dues paid thru 2021 = 1
 Dues paid thru 2020 = 3
 Dues paid thru 2019 = 10
 Dues paid thru 2018 = 57
 Dues paid thru 2017 = 24

Balances as of 11/15/2018
 Preferred C.U. Checking: \$ 156.38
 Less uncleared checks: (\$ 0.00)
 PCU Cking. Balance: \$ 156.38
 PCU Savings Balance: \$ 48.76
 CapitalOne Sav. Balance: \$ 1,201.50
 Total \$ 1,406.64

Bills Paid October 2018:

November 2018 Bulletin - Michael \$120.00 - 10/31
 Dunkin Donuts - M. Roche \$ 36.36 - 10/25
 Big Y - M. Roche - Meeting \$ 9.18 - 10/24
 TOTAL: \$165.54

Account Transfers:

None

Mailings

E-Mail - 64 Home - 22
 Work - 9
 Total: 95

Membership Totals: 95

53 Active - 38 Retired - 4 Associate

We welcome this new member who joined MIFDI:

- William Kaufman - Lieutenant - Belmont

Treasurer Notes:

- (a) Please remember to look at your mailing label for the PAID THROUGH date. Thank you to all of you who have paid your dues. Your 2019 dues will be due in January, 2019. Please add \$10.00 for late renewals paid after April 1, 2018 for your 2018 dues.
- (b) You may now use the 2019 membership application as your invoice. It has MIFDI's tax ID number listed, for your accounts payable department to process the dues payment. Simply use the dues year or payment date as your invoice number.

Respectfully submitted

11/15/2018

by Michael McLeieer, Treasurer

978-346-4731

Email: mifditreasurer@escapeinc.org <----- PLEASE NOTE NEW Email ADDRESS

Thank you for your continued support and for the prompt payment of your dues!

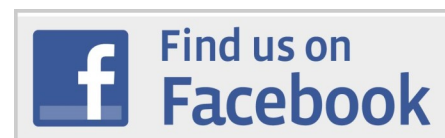
The Membership voted to INCREASE Active Member dues to \$35 effective April 1st, 2018. MIFDI will also accept credit card payments effective April 1, 2018. Contact Michael McLeieer for details.

Retired Member dues will remain \$15

Associate Member dues will remain \$100

Please remember to still add a \$10 late fee for renewal dues paid after April 1st, 2018. This fee does not apply to new members or for those who renewed before April 1, 2018.

MIFDI is now on Facebook. Login to your Facebook account and search for **Massachusetts Institute of Fire Department Instructors** or visit www.facebook.com/mifdi. Become a Facebook friend to MIFDI and receive up to date announcements right to your PDA, Blackberry or computer. You may also select the MIFDI Facebook link on the MIFDI website home page at www.mifdi.org



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RENEWAL of DUES or NEW MEMBERSHIPS

may be addressed to:

MIFDI - Attn: Michael McLeieer, Treasurer
PO Box 507

Merrimac, MA 01860-0510

Phone: (978) 346-4731

PLEASE NOTE NEW Email: mifditreasurer@escapeinc.org

***Dues are \$35.00 per year for Active members *(\$45 after April 1st)**

\$15.00 for Retired members *(\$25 after April 1st)

***100.00 per year for Associate members**

(which includes a 1/4 page of advertising in the MIFDI Bulletin and on the MIFDI website).

*** Membership dues are for one calendar year (January 1 through December 31).**

Dues are due by January 1st. Add a \$10.00 Late Fee after April 1, 2019.

RECALL OF MEETING #2018-08

The October meeting of MIFDI was held on Wednesday, October 24, 2018 hosted by the Sharon Fire Department courtesy of Chief James Wright. We met in the Training/EOC Room at the new Sharon Public Safety Complex at 211 South Main St.

The training was arranged by Pat O'Connor of Northeast Rescue with a product demonstration by John Robinson from TNT Tools followed by a presentation by Matt Hunt of Sterling Rope on Firefighter Bail-Out Kits.

Following the training portion, President Roche conducted a brief business meeting with discussions on training events, MFTC updates, elevator updates and other topics related to happenings within the fire service. One new member, Lt. Kaufman from Belmont, was introduced.

Following the business meeting, members were provided with a tour by Captain Michael Madden of Sharon's new fire house designed to include indoor training props. Featured on the apparatus floor is a 3-story rappelling structure with a Denver Window on each level for rescue training as well as a forcible entry prop. The outdoors has a 3000-gallon recycling water cistern for training on drafting operations.

Members adjoined for lunch at Mick Morgan's in Sharon.



INDOOR TRAINING PROP AT SHARON FIRE

EMS Run***Pediatric Burn Management*****BURN MANAGEMENT****Evaluation:**

- Findings indicative of inhalation injury include: cyanosis, carbonaceous sputum, facial burn, history of fire in enclosed space, respiratory distress or hoarseness, and altered level of consciousness. Consider associated injuries.
- If inhalation injury suspected or history of fire in enclosed space, 100% oxygen by face mask should be administered; early elective intubation should be considered.
- Determine extent of body surface burn using pediatric Lund & Browder Chart. (adult nomogram is inaccurate for infants and children).

Wound Management:

- In the field, wrap the burn wounds in dry, sterile kerlix and transport as quickly as possible.
- In outlying hospital, wash the wound gently with water and a mild soap to remove debris then wrap with a dry sterile kerlix for transport.
- Do not wrap burn wound with wet dressings.

Fluid Resuscitation:

- All patients with second or third degree burns greater than 10% of their body surface area require IV access.
- Fluid management should begin with a 20 mL/kg bolus of Lactated Ringers solution over 20 - 30 minutes.
- Subsequent fluid management consists of Lactated Ringers solution. The calculated daily maintenance fluid plus 4 mL/kg/percent burn is given over 24 hours. Give half of the 24 hour fluid volume over the first 8 hours and the remaining half over the subsequent 16 hours. First 24 hour fluids are calculated from time of injury.
- Adjust fluids to maintain adequate urine output and hemodynamic stability.
- All patients with greater than 10% burns should have a foley catheter placed.

LAST ALARM:

The Massachusetts Institute of Fire Department Instructors also offers condolences to the family and friends of the following members who died during this difficult past month of October as cancer continues to take the lives of firefighters;

Firefighter William J. Sproul, ACTIVE member of the Attleboro Fire Department. F.F. Sproul died from occupational cancer on October 27, 2018 at age 56.

Lt. Samuel S. Crisafulli, ACTIVE member of the Natick Fire Department (Engine 3). Lt. Crisafulli died from occupational cancer on October 28, 2018 at age 62.

Lt. Edward J. Paris, ACTIVE member of the Boston Fire Department (Engine 18). Lt. Paris died from occupational cancer on October 29, 2018 at age 64.

Firefighter Kevin Medeiros, ACTIVE member of the New Bedford Fire Department (Engine 11). F.F. Medeiros died on October 22, 2018 at age 62 while waiting for a liver transplant.



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- ☐ Stearns
- ☐ Mercedes Textiles Hose
- ☐ BW Technologies
- ☐ Genesis Rescue System
- ☐ Koehler-Bright Star
- ☐ Paratech

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PARATECH

CONGRATULATIONS:

Nothing To Report

UPCOMING EVENTS:

November 17, 2018: Statewide Exam Fire Lieutenant & Captain
Good Luck!

November 20, 2018: Massachusetts Firefighter of the Year Awards
Mechanics Hall, 321 Main St, Worcester @ 10am

November 28, 2018: **MIFDI** – Waltham

December 19, 2018: **MIFDI** – *Holiday Luncheon*



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Call Scott Maker,
Firefighter/Merrimac Fire Department, with any questions you may
have.

269-492-3341

REPORT of the PRESIDENT:

Captain Mark W. Roche, Newton Fire Department

Our October meeting provided members with a look at Bail-Out Systems for firefighters. I thank Matt Hunt from Sterling Rope for his presentation on this important product designed for firefighter safety. I also thank John Robinson from TNT Tools for displaying their battery operated extrication tool. I again thank Pat O'Conner from Northeast Rescue for arranging these presenters. Finally, I thank Deputy Chief Richard Murphy, Captain Michael Madden and the members of the Sharon Fire Department for hosting our meeting at their impressive new facility.

A reminder to members that it is not too early to pay your dues for 2019. The price of \$35 for active and only \$15 for retired is a great investment for the training and knowledge shared through MIFDI. Mail to: MIFDI, P.O. Box 507, Merrimac, MA 01860-0510.

FINALLY AS WE APPROACH THE WINTER SEASON, CHECK THE MIFDI WEBSITE FOR MEETING CANCELLATIONS DUE TO SNOW STORMS AND INCLIMATE WEATHER (www.mifdi.org)

Stay safe, I hope to see you in Waltham on November 28.



Bail-Out System Presentation in Sharon

INSTRUCTORS CORNER:

NIOSH Firefighter Fatality Report

On August 5, 2014, a volunteer Assistant Chief from the New Castle, IN Fire Department died in the line-of-duty after a roof collapse during a fire in a commercial storage building. Heavy fire was showing through the roof on the B/C-side of the building when the first company arrived. The I.C. ordered the doors on the A-side opened and set an unmanned ground monitor to cool the contents.

A defensive attack was initiated, however, the Assistant Chief and 2 firefighters entered the A-side with a big line to protect equipment including acetylene. Command was unaware of their decision to enter. The fire was already in the overhead truss system likely concealed by the ceiling. When the truss system failed, the ceiling and roof assembly collapsed on the firefighters inside. One firefighter managed to escape, another suffering from a leg fracture managed to crawl under equipment and was rescued by the R.I.T. team. The Assistant Chief died from a broken neck by the collapse.

KEY RECOMMENDATIONS:

- *Fire departments should ensure that a single, effective incident management system is established with a single, designated incident commander, especially when multiple fire departments respond together.*
- *Fire departments should ensure that an incident action plan is developed and a risk assessment is performed throughout the incident and the tactics match the conditions encountered.*
- *Fire departments should ensure offensive actions are not performed in a defensive strategy and enforce clear procedures for strategic mode changes.*
- *Fire departments should work together to develop mutual aid SOP's for fire ground operations that include incident management, communications, and operations, and train on those procedures.*
- *Incident commanders should ensure that collapse zones and exclusion zones are established, marked, and enforced on defensive fires and incidents where dangerous or hazardous conditions exist and that a RIT is assigned even on defensive fires.*
- *Fire departments should ensure that a safety officer is assigned at working structural fires.*