

# The MIFDI BULLETIN

Massachusetts Institute  
OF



**FIRE DEPARTMENT  
INSTRUCTORS**

May  
2016

MIFDI  
PO BOX 507  
MERRIMAC, MA 01860-0510

57th Year

(1959-2016)

**CONTENTS:**

<i>Page</i>	<i>Subject</i>
1	Index
2	Next Meeting, Directions to Meeting, Drill Schedule
3	Treasurer's Report, New Members
4	Recall of Previous Meeting, Secretary's Report
5	EMS Run
6	Upcoming Events and Advertisement
7	From The Desk Of The President
8	Instructors Corner
9	Congratulations, Good & Welfare / Advertisement
10	Last Alarm, Line of Duty Deaths / Advertisement
11	Dues Information & Advertisers Page
12	Advertisers Page
13	Advertisers Page
14	Membership Application or Renewal Form

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 - 2016**

President: Captain Mark W. Roche, Newton Fire Department  
 1st Vice President: Deputy Chief Brian F. Belliveau, Fitchburg Fire Department (retired)  
 2nd Vice President: Chief Frank W. Fitzgerald, Jr., Malden Fire Department (retired)  
 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 2016**

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

**Terms Expire 2017**

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- michael.mcleieer@merrimacfire.com**

**Massachusetts Institute of Fire Department Instructors - Tax ID: 04-2307216  
 2016 Membership Application & Invoice  
 Jan. 1 to Dec. 31, 2016**

**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** \_\_\_\_\_

**Membership Type:**

**circle one**

**Send Bulletin To:**

**circle one**

**Membership Dues:**

**Active** \$ 30.00

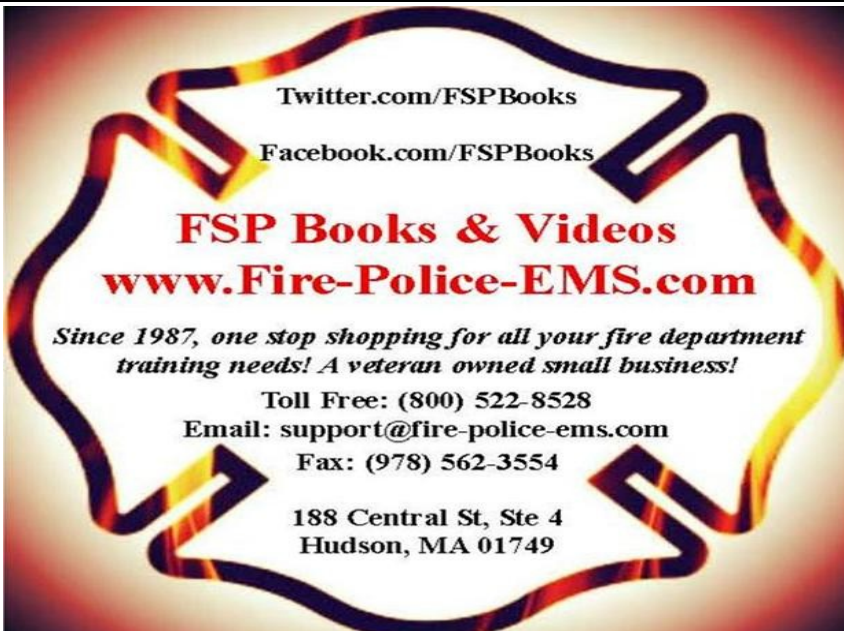
**Retired** \$ 15.00

**Associate** \$100.00

**Active** **Retired** **Associate** **Home** **Work** **E-mail**

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: michael.mcleieer@merrimacfire.com



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**MAY MEETING:**

The May meeting of MIFDI will be held on **Wednesday, May 25, 2016** hosted by the Merrimac Fire Department courtesy of Chief Ralph Spencer. The meeting will be held in the training room of the Merrimac Fire/Rescue Headquarters, 16 East Main St. (Rt.110), Merrimac, MA.

The program will be provided by MIFDI Treasurer, Webmaster, and Past President Michael McLeieer with a presentation from the 2016 FDIC Training Conference in Indianapolis. This has been an annual tradition for MIFDI as Michael brings back some of the high-lights of the many topics covered during the conference. For those attending this meeting, copies of CD's with some of the training topics covered will be provided.

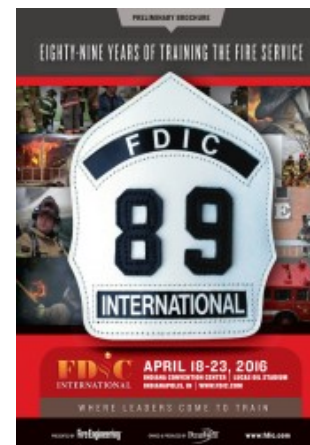
**DIRECTIONS:**

Merrimac is located in Essex County and easy to get to from Interstate 495.

Take Exit 53 off Rt. 495 which is the Broad St Exit. Follow Broad St. NORTH a short distance to the end and the fire station will be directly in front of you. Parking is on the left and rear of the building. Try to leave the front parking spots open for those conducting fire and police business as well as those members with mobility issues.

**SCHEDULE:**

**0900** Coffee, **1000** Presentation, **1130** Business Meeting, **1200** Lunch (Off site)



**TREASURER'S REPORT**

Beginning Balances for 01/04/2016

Preferred C.U. Checking \$556.47

Preferred C.U. Savings \$428.23

Total: \$2,741.93

50/50 Raffle = None

Winner = None

Net Proceeds from 50/50 Raffle = N/A

Total active members = 130

Dues paid thru 2020 = 1

Dues paid thru 2019 = 1

Dues paid thru 2017 = 7

Dues paid thru 2016 = 52

Dues paid thru 2015 = 50

Dues paid thru 2014 = 19

Balances as of 05/04/2016

Preferred C.U. Checking: \$ 278.59

Less uncleared checks: (\$ 0.00)

PCU Cking. Balance: \$ 278.59

PCU Savings Balance: \$ 514.69

CapitalOne Sav. Balance: \$ 1,759.55

Total \$ 2,552.83

Bills Paid April 2016 (Checking):

May 2016 Bulletin - Michael \$120.00 - 04/30

Dunkin Donuts - M. Roche - Meeting \$ 29.98 - 04/28

Roche Bros.-M. Roche-Donuts \$ 16.47 - 04/28

TOTAL: \$166.45

Account Transfers:

None

Mailings

E-Mail - 86 Home - 35

Work - 9

130

Membership Totals: 130

81 Active - 44 Retired - 5 Associate

Please welcome these NEW members to MIFDI:

- Christopher Major - Deputy Chief - Somerville Fire
- Eddie Lyons - 24 Fire

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 2016 dues were due in January, 2016.**

**Please add \$10.00 for late renewals paid after April 1, 2016 for your 2016 dues.**

(b) You may now use the 2016 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

05/04/2016

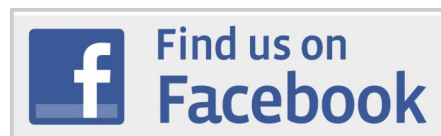
by Michael McLeicer, Treasurer

978-346-4731

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

Please remember to add a \$10 late fee for renewal dues paid after April 1st, 2016. This fee does not apply to new members or for those who renew before April 1st, 2016.

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](http://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](http://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

**\*Dues are \$30.00 per year for Active members \*(\$40 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, 2016.**

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**Municipal and Industrial Fire Hose Made in the USA**

Our training was provided by Dave Gallagher with a presentation on a revolutionary firefighting product called FIREICE. FireIce is a new generation fire suppression agent which acts as a force multiplier by enhancing the capability of water. Following an explanation of the product, a live burn was conducted outdoors to provide an actual look at the quick knock-down capability of this product. To learn more about FireIce, go to [www.fireicesolutions.com](http://www.fireicesolutions.com)



Following the presentation, President Roche conducted a brief business meeting. President Roche mentioned that the Newton Fire Department has recently been recognized as one of only four ISO Class 1 Fire Departments in the state. Member John Spillane spoke about the MFA Impact Programs. Member Andy Connerty provided an update from the Mass Fire Training Council including the additional training week added to the recruit training program. Member John O'Donoghue spoke about elevator updates. Member Bob MacKendrick mentioned a new 7-day work schedule for the Lynnfield Fire Dept. Members adjourned for lunch at Bertucci's Restaurant in West Roxbury.

## EMS Run

### **Massachusetts Department of Public Health**

#### *Top 40 Massachusetts Communities for Opioid Deaths Per-capita*

- |                   |                 |
|-------------------|-----------------|
| 1. SPENCER        | 21. FALL RIVER  |
| 2. HANSON         | 22. YARMOUTH    |
| 3. MASHPEE        | 23. RANDOLPH    |
| 4. ROCKLAND       | 24. STOUGHTON   |
| 5. NEW BEDFORD    | 25. CLINTON     |
| 6. CHELSEA        | 26. WAREHAM     |
| 7. LYNN           | 27. NORTH ADAMS |
| 8. HAVERHILL      | 28. PITTSFIELD  |
| 9. TYNGSBOROUGH   | 29. GLOUCESTER  |
| 10. LOWELL        | 30. HARWICH     |
| 11. BROCKTON      | 31. CHICOPEE    |
| 12. CARVER        | 32. FITCHBURG   |
| 13. MIDDLEBOROUGH | 33. MALDEN      |
| 14. FALMOUTH      | 34. PLYMOUTH    |
| 15. WEYMOUTH      | 35. FAIRHAVEN   |
| 16. BOURNE        | 36. WORCESTER   |
| 17. GREENFIELD    | 37. WILMINGTON  |
| 18. QUINCY        | 38. AMESBURY    |
| 19. WINTHROP      | 39. LAWRENCE    |
| 20. EVERETT       | 40. SOUTHBRIDGE |

## LAST ALARM:

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of the following recently departed;

**Chief Dennis Dowd**, former chief of the Winchendon Fire Department and 45-year member of the Dover Fire Department. Dennis died suddenly on April 19, 2016 at age 76. He served as an instructor at the Massachusetts Firefighting Academy for many years.



**Firefighter/Paramedic Ryan A. Ferreira**, ACTIVE 7-year member of the Walpole Fire Department. Ryan died unexpectedly April 25, 2016 at age 33.



**Firefighter Anthony E. Raven** ACTIVE 32-year member of the Newburyport Fire Department. Anthony died suddenly on April 26, 2016 at age 64.



***MAY THEY ALL REST IN PEACE***



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**PARATECH**

### **CONGRATULATIONS:**

The Massachusetts Institute of Fire Department Instructors offers our congratulations and wishes of great success to MIFDI member **Chief Glen Rogers** on his appointment as chief of the Wrightsville Beach NC Fire Department effective on April 18, 2016. Congratulations Glen and we may plan a MIFDI meeting someday in Wrightsville Beach on "Ocean Rescue"!



### **UPCOMING EVENTS:**

May 19-20, 2016: 2016 Health & Safety Symposium  
Florian Hall, Boston [www.iaff.org](http://www.iaff.org)

May 15-21: National EMS Week

May 21, 2016: Statewide Exam, Fire Chief, Deputy, District  
*Good Luck!*

May 25, 2016: **MIFDI** – Merrimac - FDIC Overview

June 11, 2016: MAFAA Apparatus Parade, Show, Flea Market  
Edgewater Park, Wakefield [www.massmafaa.com](http://www.massmafaa.com)

June 12, 2016: Firefighters Memorial Sunday

June 13-16, 2016: NFPA 2016 Conference & Expo  
Las Vegas, NV [www.nfpa.org](http://www.nfpa.org)

June 22-25, 2016: New England Fire-EMS-Rescue 2016 Expo  
Foxwoods Casino [www.newenglandchiefs.org](http://www.newenglandchiefs.org)

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Call Scott Maker, MFA Instructor,  
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 April meeting offered us a very informative presentation on a fascinating firefighting product called FIREICE. I thank Dave Gallagher of FireIce solutions for providing this demonstration for MIFDI. Special thanks to Chief Paul Ford and Deputy Chief James Corbett of the Brookline Fire Department for hosting MIFDI. Thanks also to Captain Pender and the crew of Engine Co.1 for assisting during our live-burn demo.

Stay Safe and I hope to see you in Merrimac on the 25<sup>th</sup>



BROOKLINE DRILL MASTER CAPTAIN PHIL RENTA (MIFDI PRESIDENT – 1964)

## INSTRUCTORS CORNER:

### ***Solar Powered Trash Container***

(Captain Mark Roche – Newton Fire Department)

The “Bigbelly” solar power high capacity trash compactor has recently become very popular in communities across America and throughout the world. My city received 340 of these units which have been placed in parks, business districts, bus stops and other highly populated areas.

These units are fully contained with a trash door on the front similar to a mailbox. The trash is placed inside the door which drops the trash into a plastic bin below. When the trash reaches a certain level, a compactor powered by solar, compacts the trash to allow 150 gallons of trash to compact to 33-gallons.

So as firefighters what should we know about these containers? The most obvious is the trash fire caused by a discarded cigarette or a juvenile prank. You can simply aim the hose-line into the trash door and flood the bin. Once the fire is contained, the access door below can be opened (Firefighters should be provided with keys to avoid damaging these costly units). Using a tool, the remains of the trash and melted bin can be removed for a final overhaul. **NEVER** reach inside to remove the bin. Although the compactor moves slow and only compacts half-way and does have safety interlocks, there is potential for injury.

The power for the unit is located on the upper portion of the container. It is equipped with a 20-volt polycrystalline silicon solar cell PV module located on the top of the unit protected by a polycarbonate bubble. There is an access door on top (using a different key) to expose the wiring and components including a low-voltage sealed battery similar to the battery used as a power back-up in a fire alarm control panel (FACP). If a fire should occur in the upper portion of the unit, use a Co2 extinguisher to control the fire. Although this is low-voltage power, always use caution in the power cell area.

If the container is struck by a vehicle and causes damage to the components, simply disconnect the battery and tape off the unit until your local public works is notified.

The unit does have an optional cover to prevent usage during high-profile public events or a visiting dignitary nearby to avoid placement of an I.E.D. inside. This is always a concern in our new world.

