

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

November
2013

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

55th Year
(1959-2014)

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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 - 2013

President: Captain Mark W. Roche, Newton Fire Department
 1st Vice President: Deputy Chief Brian F. Belliveau, Fitchburg Fire Department
 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 2014

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

Terms Expire 2013

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
 2014 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2014**

**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 \$ 25.00

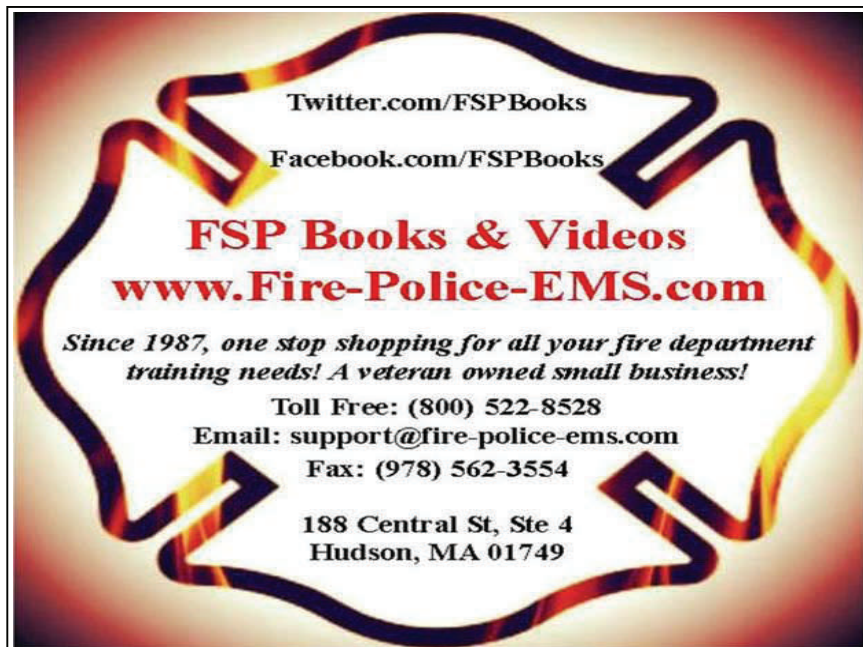
Retired \$ 12.50

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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NOVEMBER MEETING:

The November meeting of MIFDI will be held on **Wednesday, November 20, 2013** hosted by the Billerica Fire Department courtesy of Chief Thomas Conway and Training/Safety Officer Deputy Chief Robert Cole. We will meet in the Training Room of Billerica Fire Headquarters located at 8 Good St. We last met in Billerica in February 2012. **(NOTE: THIS IS THE THIRD WEDNESDAY TO AVOID THANKSGIVING WEEK)**

Our training presentation will be provided by Mr. Doug Corbett of Fire Alarm Systems Institute. Doug will offer an overview of the program developed for first responders to better understand the many variations of fire alarm control panels (FACP) that we deal with daily in our communities.

In addition, we will be given a rundown of a "MAYDAY" that occurred at a recent fire in Billerica and the successful outcome of this incident. A MAYDAY call on the fire ground is one that is most dreaded by every Incident Commander.

SCHEDULE:

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

DIRECTIONS:

From Rt. 128, take Rt. 3 North to EXIT 27 (Concord Rd.) Proceed east toward Billerica Center. When you get to Rt. 3A (Boston Rd) turn left and head two-blocks to Good St. (Flashing Yellow Light). Turn left on Good St. and the station is on the left.

From Rt. 495, take Rt. 3 South to Exit 29 (Rt.129). Follow Rt. 129 East toward North Billerica. Rt.129 will merge with Rt.3A. Continue East on 3A to Good St. (Flashing Yellow Light). Turn right on Good St. and the station is on the left.

Chief Conway asks members to park either on the grass along the right of the station apron or along the curb on the left side of the station to free up parking for town office business in the main municipal lot.

A REMINDER TO CHECK THE MIFDI WEBSITE FOR MEETING CANCELLATIONS DURING THE WINTER MONTHS.

TREASURER'S REPORT**Beginning Balances for 01/04/2013**

GVCCU Checking	\$ 9.99
GVCCU Savings	\$563.28
ING Savings	\$1,686.50
Total:	\$2,259.77

Bills Paid October 2013 (Checking):

Nov. 2013 Newsletter - Michael	\$120.00 - 10/31
M. Roche Coffee/Rolls/Cups-Meeting	\$ 68.30 - 10/23
Namesecure www.mifdi.org renew	\$ 45.39 - 10/26
TOTAL:	\$233.69

50/50 Raffle = \$0.00

Winner = N/A

Net Proceeds from 50/50 Raffle = N/A

Account Transfers:

ING Savings to GVCCU Cking - \$360.00

Total active members = 126

Dues paid thru 2019 = 1
 Dues paid thru 2017 = 1
 Dues paid thru 2016 = 0
 Dues paid thru 2015 = 2
 Dues paid thru 2014 = 11
 Dues paid thru 2013 = 108
 Dues paid thru 2012 = 3

Mailings

E-Mail - 82	Home - 35
	Work - 9
	126

Balances as of 11/11/2013

GVCCU Checking:	\$ 211.61
Less uncleared checks:	(\$ 0.00)
GVCCU Cking, Balance:	\$ 211.61
GVCCU Savings Balance:	\$ 161.31
ING Savings Balance:	\$ 2,734.50
Total	\$ 3,107.42

Membership Totals: 126

86 Active - 34 Retired - 6 Associate

PLEASE WELCOME THIS NEW MEMBER WHO RECENTLY JOINED MIFDI:

- **Anthony F. O'Brien - Captain / Training Officer - Everett Fire Department**

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 2014 dues will be due in January, 2014.**
Please add \$10.00 for late renewals paid after April 1, 2013 for your 2013 dues.
- (b) You may now use the 2014 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

11/11/2013

by Michael McLeieer, Treasurer

978-346-4731

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

Please remember to add a \$10 late fee for renewal dues paid after April 1st, 2013.

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

***Dues are \$25.00 per year for Active members**

\$12.50 for Retired members

***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, 2013.

RECALL OF MEETING #569

No report was received by press time - 11/10/2013

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LAST ALARM:

Looking Back



The late Lt. Morris Margolis (Chelsea) MIFDI Secretary/Treasurer
The late Captain Dennis Williams (Chelsea) MIFDI Bulletin Editor
The late Francis Brannigan (Author: "Building Construction for the Fire Service")



Northeast Rescue Systems
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email: info@northeastrescue.com

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- ☐ CMC Rescue Equipment
- ☐ Mustang Survival
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- ☐ Koehler-Bright Star
- ☐ Paratech



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CONGRATULATIONS:

The Massachusetts Institute of Fire Department Instructors offers our congratulations to **Shawn Murray** who has been appointed as the new Director of the Massachusetts Firefighting Academy. Shawn previously served as chief of the Hudson NH Fire Department. He has 30-years of combined municipal, military and federal fire experience. We offer Director Murray our full support and look forward to working closely with him regarding training and safety issues for the fire service.



UPCOMING EVENTS:

November 16, 2013: Statewide Exam – Fire Captain & Lieutenant
Good Luck!

November 18, 2013: Critical Incident Stress Management Conference
Mass DFS/MFA, Stow www.mass.gov/dfs

November 20, 2013: MIFDI – Billerica

December 18, 2013: MIFDI – Fire Tech & Safety

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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:

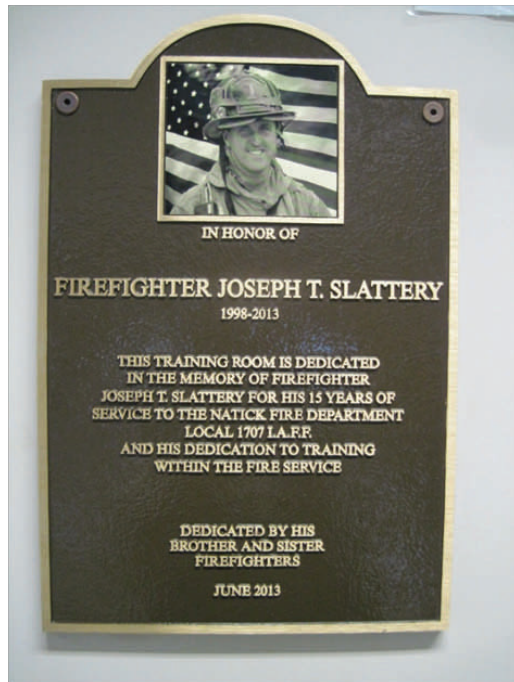
Captain Mark W. Roche, Newton Fire Department

Our October meeting provided members with a better perspective on the proper techniques relative to elevator emergencies. I thank Ted McCretton of Otis Elevator Co. for his no-nonsense approach on the do's and don'ts with elevators

I also thank Captain Eugene Rothman and the members of the Natick Fire Department for once again hosting MIFDI at their facility for our October meeting.

It is that time when we remind our members to submit your annual dues for 2014 membership. Don't put it off or wait until January when many other payments are due. Make checks payable to MIFDI and mail it to P.O. Box 507, Merrimac, MA 01860. MIFDI dues remain a bargain at \$25.00 for active, \$12.50 for retired, and \$100.00 for Associate. *(The Treasurer will be attending the November meeting if you want to hand him a check then).*

Stay Safe and I hope to see you in Billerica on the 20th



Natick Fire Department Training Room dedicated to Firefighter Joseph Slattery

INSTRUCTORS CORNER:

What Is A Dry-Ice Bomb?

Dry-ice bombs have recently been in the news with incidents involving these devices occurring at LAX in Los Angeles. These explosions did not cause any injuries but did delay air traffic at some terminals.

Dry ice is the solid form of carbon dioxide (Co2) which freezes at -109 degrees. Dry ice is readily available and often used to create a misty white fog when mixed with water. Dry ice changes directly into a gas without melting to a liquid.

According to Wikipedia:

A dry ice bomb is a simple bomb-like improvised explosive device (IED). While the simplicity and ease of construction, high bursting pressure, and noise make this appealing for pranksters, it can be unpredictable and dangerous.

Dry ice bombs are commonly made from a container such as a plastic bottle. The bottle is filled about a quarter full of water, broken chunks of dry ice are added and the container is tightly shut. As the solid carbon dioxide warms inside the bottle, it rapidly changes to a gas causing the pressure inside the bottle to increase and expand causing the container to catastrophically fail. Bombs will typically rupture within 30-seconds to 30-minutes dependent on the outside temperature. A dry ice bomb may develop a frost on the bottle prior to exploding.

DANGERS

Dry ice bombs pose serious risks:

- Premature explosion - burst pressure can occur within seconds, injuring the handler.

- Dry ice is very cold. The explosion can carry shards of dry ice that had not vaporized.

- The shock wave can be extremely loud causing hearing damage even at a distance.

- The blast can propel container fragments under pressure causing soft tissue injuries.

- Added shrapnel (nails, marbles, metal fragments) will cause serious trauma.

- With glass bottles as containers, serious injuries or death can also occur.

NOTE: Dry ice bombs that fail to explode are a major safety problem. They cannot be left, yet cannot be safely approached. Unexploded bombs can be shot or ruptured from a safe distance. Your SOG's on "Explosive Devices" should guide you to handle these incidents the same method which includes; *Evacuation of the building, tape-off the area, maintain a safe distance for all personnel and notify the MSP Explosive Unit to safely remove and dispose of the device.*