

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

November
2010

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

51st Anniversary
(1959-2010)

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	Special Feature Article
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 - 2010

President: Captain Mark W. Roche, Newton Fire Department
 1st Vice President: Captain Brian F. Belliveau, Fitchburg Fire Department
 2nd Vice President: Chief Frank W. Fitzgerald, Jr., Malden Fire Department (retired)
 Secretary: Vacant
 Treasurer: Firefighter / Instructor Michael McLeieer, Merrimac Fire Department

THE MIFDI BOARD of DIRECTORS

Terms Expire 2010

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

Terms Expire 2011

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
 2011 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2011**

**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> \$ 25.00
<u>Active</u>	<u>Home</u>	<u>Retired</u> \$ 12.50
<u>Retired</u>	<u>Work</u>	<u>Associate</u> \$100.00
<u>Associate</u>	<u>E-mail</u>	

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

FSP Books & Videos

*Celebrating 20 years of service to
Fire, Police and EMS - 1987 - 2006*

**188 Central Street, Suite 4
Hudson, MA 01749**

**Toll Free (800) 522-8528 OR
(978) 562-1289**

Fax: (978) 562-3554

Website: www.fire-police-ems.com

ED LYONS FIRE EQUIPMENT INC.

1643 Central Street
Stoughton, MA 02072
Phone 781-341-1220
Fax 781-341-1270



SERVING NEW ENGLAND FIRE DEPARTMENTS SINCE 1962

QUAKER - BRISTOL - CAIRNS
WARRINGTON-SERVUS-RANGER
AMERICAN FIREWEAR - GROVES
NIEDNER & ATI/JAFFREY HOSE
AKRON - ELKHART - KOCHER
HARRINGTON/AWG - RED HEAD
STREAMLIGHT - KOEHLER - ZICO
TEMPEST - SUPER VAC - VENTRY

www.edlyonsfire.com e-mail: edlyonsfireequip@aol.com

NOVEMBER MEETING:

Our November meeting will be something a little different but expected to be very interesting. We will be the guests of the National Weather Service (NWS)/National Oceanic & Atmospheric Administration (NOAA). The Facility is located at 445 Miles Standish Blvd.,

Taunton. The Meeting will be held **Wednesday, November 17, 2010**
(NOTE: THIS IS THE THIRD WEDNESDAY TO AVOID THANKSGIVING WEEK).

The training will be provided by Mr. Hayden Frank of the NWS with a presentation on the process of how the determination is made regarding the daily weather fire hazard. Following the presentation, we will be provided a brief tour of the NWS/NOAA Operations Center.

DIRECTIONS:

The NWS is located off Rt. 495 and easy to get to.

From Rt. 495, take EXIT 9 towards Taunton. Take a quick right onto Industrial Park Drive into the Miles Standish Industrial Park. Continue straight for 1-mile and the NWS is located on the left.

SCHEDULE:

0930: COFFEE, **1000:** PRESENTATION, **1115:** TOUR, **1145:** LUNCH
(Chateau-Norton).



TREASURER'S REPORT**Beginning Balances for 01/01/2010**

Economy Bank Cking. \$100.02
 Economy Bnk. Savings \$168.63
 Consumers Checking \$158.00
 Consumers Savings \$145.36
 ING Savings \$685.01
Total \$1,257.02

Bills Paid October 2010 (Checking):

Nov. Newsletter - Michael \$120.00 - 10/29
 Sept. & Oct. Coffee/Rolls- Roche \$111.92 - 10/29
TOTAL: \$231.92

Account Transfers:

ING Savings to Consumers Credit Union Cking. - \$289.42

50/50 Raffle = \$ 0.00

Winner = - N/A

Proceeds from 50/50 Raffle = N/A

Total active members = 119

Dues paid thru 2019 = 1
 Dues paid thru 2013 = 1
 Dues paid thru 2012 = 4
 Dues paid thru 2011 = 14
 Dues paid thru 2010 = 85
 Dues paid thru 2009 = 14

Mailings

E-Mail - 62 Home - 45
Work - 12
 119

Balances as of 11/09/2010

Bank Statement Checking: \$ 100.31
 Less uncleared checks: (\$.00)
 Economy Cking. Balance: \$ 100.31
 Economy Savings Balance: \$ 147.88
 ING Savings Balance: \$ 1,206.00
 CD/None
 Consumers Stmt. Cking.: \$ 225.00
 Less uncleared checks: (\$.00)
 Consumers C.U. Checking \$ 225.00
 Consumers C.U. Savings: \$ 147.65
Total \$ 1,826.84

Membership Totals: 119

78 Active - 34 Retired - 7 Associate

WE WELCOME THESE NEW MEMBERS:

- **Stevan M. Brown** - Chief (Retired) - Wenham Fire Department
- **Sean Connolly** - Lieutenant - Watertown Fire Department
- **Dean M. Munson** - Lieutenant - Weston Fire Department
- **Justin T. Woodside** - Lieutenant - Weston 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 2011 dues will be due in January, 2011.**
- (b) You should now be able to use the 2011 membership application as your invoice. It has MIFDI's tax ID number listed, for your accounts payable department to process the dues payment.

Respectfully submitted

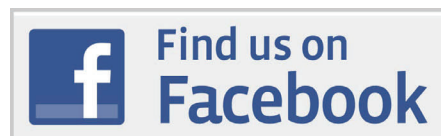
11/09/2010

by **Michael McLeieer**, Treasurer

978-346-4731

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

MIFDI is now on Facebook. Login to your facebook account and search for **Massachusetts Institute of Fire Department Instructors**. 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



JONES & BARTLETT LEARNING

is your solution for:

- Up-to-Date Certification Training Programs
- Best-Selling FESHE and Fire Science Resources
- Proven Reference and Exam Prep Manuals
- Innovative Student and Instructor Technology Tools

978-443-5000 | www.jblearning.com

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 .

AMERICAN FIRE EQUIPMENT CO., INC.

FIRE HOSE AND SUPPLIES
FIRE EXTINGUISHERS
FIRE DEPARTMENT SUPPLIES
GAS DETECTION INSTRUMENTS



SCOTT AIR-PAKS SALES & SERVICE
BREATHING AIR COMPRESSORS
GAS POWERED EQUIPMENT
LARGE DIAMETER APPLIANCES

58 NORFOLK AVENUE • UNIT 5 • SOUTH EASTON, MA 02375

Telephone: (508) 238-3800

Toll Free: (800) 426-3473

Fax: (508) 238-0300



Visit us at our new location!



mobile service unit



Tempest • Partner • Hale Pumps • Phoenix Rescue Tools

Fire Hooks • Akron • GFE • Duo Safety • Alco-Lite

Vetter Air Bags and Hazmat • Team Equipment

Koehler Responder • Streamlite • Pelican • Havis Shield

Blackinton Badges • Horace Small • QUEST & Chieftan

JUST SOME OF THE COMPANIES WE KEEP !



Municipal and Industrial Fire Hose Made in the USA

RECALL OF MEETING #539

The 539th meeting of MIFDI was held on October 27, 2010 hosted by the Natick Fire Department courtesy of Chief James Sheridan. The training portion was provided by Firefighter/Instructor Dana Gerrans of the Wellesley Fire Department. Dana offered a fascinating presentation on the hazards with automobile safety restraint systems with a focus on airbags. Dana certainly got everyone's attention when he fired off an airbag prop in the classroom to demonstrate the speed and force of an airbag activation. Dana stressed that the most important thing when operating at an MVA or vehicle fire is to "Treat an un-deployed airbag like a loaded gun".

A brief business meeting conducted by President Roche. Two new members were introduced, Lieutenant Sean Connolly from Watertown and Lieutenant Justin Woodside from Weston.

Congratulations were offered to member Chief Thomas Bogart upon his appointment as Chief of Department in Lynnfield this past July.

Member Glen Rogers gave a report from the MFTC.

Members adjourned for lunch at nearby Agostino's Restaurant.

EMS RUN:

AHA Revised CPR Guidelines

The American Heart Association has announced new guidelines for cardiopulmonary resuscitation (CPR), making rapid chest compressions the mainstay of basic life support for bystanders trying to revive victims of cardiac arrest.

The AHA's change marks the end of the organizations advocacy of a practice believed for at least half a century to be essential for saving victims of cardiac arrest. "Compression is the way to go" according to Dr. Michael Sayre, and emergency physician at Ohio State University. He added that rescue breathing is still recommended for children and anyone whose cardiac arrest is likely due to oxygen deprivation.

The AHA decision was driven by a growing number of research showing that bystanders are more likely to perform compression only CPR on strangers and that it works better than conventional CPR.

About 300,000 people suffer out-of-hospital cardiac arrest in the USA each year, either due to a heart attack or rhythm disturbance, fewer than 8% survive. An analysis of 3,700 cardiac arrests found that hands-on CPR saved 22% more lives than the conventional method. The switch could save up to 3,000 additional lives a year in the US.

A study found that bystanders who performed hands-only CPR were able to boost survival to 34% from 18% for those who got conventional CPR or none at all. In addition, the percentage of people willing to provide CPR rose from 28% to 40%.

The new guidelines dictate that a bystander should compress the victim's chest 100-times a minute to a depth of about 2-inches. That keeps blood and oxygen flowing to the brain, sustaining it until help arrives. Some recommend compressions to the beat of the Bee Gee's disco song "Stain' Alive".

Studies also show that bystanders reluctant to perform mouth-to-mouth breathing often give up. Most bystanders fear the risk of getting an infectious disease when doing conventional CPR on strangers.

LAST ALARM:

The Massachusetts Institute of Fire Department Instructors offers our condolences to the family and friends of **Firefighter/EMT Richard W. Maypothor, Jr.**, ACTIVE member of the Sterling Fire Department. Richard died on October 5, 2010 at age 48 after a battle with cancer. May he Rest in Peace.



**Northeast
Rescue Systems**

*Northeast Rescue Systems
313 Belgrade Ave
Boston, MA 02131
Office: 617-325-3993 Fax: 617-325-0238
email: info@northeastrescue.com*

Northeast Rescue Systems, a name you can trust for top-line products, personal service and customer support. We carry high quality, trusted names in equipment and gear. You can find product lines such as:

- ☐ Morning Pride
- ☐ Warrington PRO
- ☐ Ranger Boots
- ☐ Ranger Combat Ready Gear
- ☐ Paul Conway Shields
- ☐ Sterling Rope
- ☐ CMC Rescue Equipment
- ☐ Mustang Survival
- ☐ Stearns
- ☐ Mercedes Textiles Hose
- ☐ BW Technologies
- ☐ Genesis Rescue System
- ☐ Koehler-Bright Star
- ☐ Paratech



MORNING PRIDE
PROTECTIVE CLOTHING SYSTEMS



GENESIS
RESCUE SYSTEMS



RANGER
by Honeywell



CMC
RESCUE EQUIPMENT



Combat Ready Gear



Mercedes Textiles



PARATECH

CONGRATULATIONS:

The Massachusetts Institute of Fire Department Instructors offers our congratulations to MIFDI member **Captain Michael Patterson** upon his appointment as Assistant Chief of the Burlington Fire Department effective October 4, 2010. Assistant Chief Patterson has been a member of the Burlington Fire Department for over 20 years and has served as Captain of the Training Division since 2002. We wish Mike well and great success in his new position.

UPCOMING EVENTS:

November 7, 2010: END OF DAYLIGHT SAVING TIME
"Change your clocks ,Change your batteries"

November 20, 2010: Statewide Exam: Fire Lieutenant & Captain
GOOD LUCK!

November 17, 2010: **MIFDI** – NWS/NOAA—Taunton

December 4-5, 2010: Mass. State Weekend @ National Fire Academy
Emmitsburg, MD

December 13, 2010: Massachusetts Candle Safety Day

December 15, 2010: **MIFDI** – Chelmsford

**FIRE SCIENCE ENGINEERING AND ADMINISTRATION
BACHELOR'S DEGREE COMPLETION PROGRAM**

Merrimack College is pleased to announce a customized bachelor's degree completion program for firefighters in Fire Science Engineering and Administration. Complete your degree with concentrations in Fire Science Engineering and Fire Administration and Leadership, each of which is based on FESHE curriculum guidelines.



Flexible 10-week terms, with courses offered on site, online and on campus!

For more information, view our Adult Degree Completion Programs at www.merrimack.edu or call Jane Larkin, Dean, School for Advanced Studies at 978-837-5327 or jane.larkin@merrimack.edu.

MERRIMACK COLLEGE
SCHOOL FOR ADVANCED STUDIES
www.merrimack.edu

*Your source for reliable real world
Fire & Rescue training*



**P.O. Box 50249
New Bedford, MA 02745
1-866-323-6111
www.heavyrescueincorporated.com**

REPORT of the PRESIDENT:

Captain Mark W. Roche, Newton Fire Department

Our October meeting provided by Firefighter/Instructor Dana Gerrans was very informative showing the hazards associated with automobile safety restraint systems. I thank Dana for offering this program to MIFDI. I also thank Chief James Sheridan and Captain Eugene Rothman of the Natick Fire Department for again hosting MIFDI at their facility.

A reminder to all that it's not too soon to pay your dues for 2011. Check the mailing label on your MIFDI Bulletin for your dues expiration date. Don't wait until January when everything comes in at once. Send your check to the P.O. Box or bring it to a meeting.

Finally, I hate to say this but as we approach the winter months, be sure to check the MIFDI website at www.mifdi.org for last minute storm cancellations of meetings.

Stay Safe and see you on the 17th

Mark

INSTRUCTORS CORNER:

Extinguishing Technique for Fires in Electrical Manhole Vaults

Provided by NSTAR

Start from a distance.

Spray the ground in front of you as you move closer to the manhole.

Stand away from the manhole

FLOOD the manhole.

Do not stand over the manhole.

Do not insert the hose into the manhole.

Do not look into the manhole.

Don't use a handheld extinguisher