

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

May
2010

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

*50th Anniversary
(1959-2009)*

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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 - 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)
 Captain 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
 2010 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2010**

**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
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MAY MEETING:

The May meeting of MIFDI will be held on **Wednesday, May 26, 2010** hosted by the Merrimac Fire Department courtesy of Chief Ralph Spencer. The meeting will be held in the Training room located at 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 2010 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 from 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.

SCHEDULE:

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

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 April 2010 (Checking):

May 09 Newsletter - Michael \$120.00 - 04/30
 Frame - Galligan Retirement-M.Roche\$ 55.47 - 04/28
 Plaque - T. Leonard Retmnt.- Michael \$ 80.00 - 04/30
 Pan-Mass. Ride sponsor D. Jardin \$ 50.00 - 04/30
TOTAL:\$ 305.47

Account Transfers:

Consumers Sav to Cking. - \$ 55.47 - 04/28/2010

50/50 Raffle = \$72.00

Winner = Phil Tammaro - Presenter - \$36.00

Proceeds from 50/50 Raffle = \$36.00 - deposited to Consumers Credit Union Checking - 05/10/2010

Total active members = 112

Dues paid thru 2019 = 1
 Dues paid thru 2013 = 1
 Dues paid thru 2012 = 2
 Dues paid thru 2011 = 7
 Dues paid thru 2010 = 85
 Dues paid thru 2009 = 16

Mailings

E-Mail - 56 Home - 44
Work - 12
 112

Balances as of 05/10/2010

Bank Statement Checking: \$ 132.25
 Less uncleared checks: (\$ 0.00)
 Economy Cking. Balance: \$ 132.25
 Economy Savings Balance: \$ 269.43
 ING Savings Balance: \$ 1,937.99
 CD/None
 Consumers Stmt. Cking.: \$ 250.00
 Less uncleared checks: (\$ 250.00)
 Consumers C.U. Checking \$ 0.00
 Consumers C.U. Savings: \$ 186.34
Total \$ 2,526.01

Membership Totals: 112

72 Active - 32 Retired - 8 Associate

No NEW members last month***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 2010 dues were due in January, 2010.**
 (b) You should now be able to use the 2010 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

05/10/2010

by Michael McLeieer , Treasurer

978-346-4731

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

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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 .

RECALL OF MEETING #535

The 535th meeting of MIFDI was held on April 28, 2010 hosted by the Billerica Fire Department courtesy of Chief Anthony Capaldo and member Deputy Chief Thomas Conway.

The training portion was provided by Billerica Firefighter Philip J. Tammaro. Philip serves as the 3rd District Coordinator for the IAFF Burn Foundation. Established in 1982, the IAFF Burn Foundation is dedicated to *Burn Prevention, Treatment, Survivor Support, and Recovery*. The most important issue with burn injuries is that the victim's best chances of survival and recovery is to receive "ACUTE BURN CARE" within 24 hours at a certified burn center. Boston has three certified burn centers; Massachusetts General Hospital, Brigham & Women's Hospital, and the Shriners Hospital for Children. Philip is available to assist any department with questions regarding prevention programs, training, or support. He can be reached at 978-502-8706.

A business meeting conducted by President Roche followed the training presentation. Michael McLeieer gave a report of the Treasurer. Members voted to again support member David Jardin with a donation to the 2010 Pan-Mass Challenge. Steve Persson gave a report from the Massachusetts Fire Training Council meeting. Our presenter, Phil Tammaro, won the 50/50.

Members adjourned for lunch at Rick's Cafe in Billerica.

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EMS RUN:

Drowning in Infants, Children, and Adolescents

As we approach Memorial Day and the start of the summer season, it is an important reminder that drowning is one of the leading causes of unintentional injury and death among children in the United States between ages 1 and 19. Age groups at greatest risks are toddlers and adolescent males.

Near-drowning events, in which victims survive, also involve a significant number of children. It is estimated that for each drowning death, there are 1 to 4 nonfatal submersions serious enough to require hospitalization. Children still receiving CPR at the time of arrival at the hospital ED have a poor prognosis with at least half of survivors suffering significant neurological impairment.

As EMT's and First Responders it is important for us to use the term "near-drowning". Our resuscitation efforts will at least keep the patient biologically alive until arrival at a medical facility. The most important thing to remember is that some patients in cold water can be resuscitated after 30 minutes or more. The colder the water, the better are the patients chances of survival.

Near-drowning treatment:

- Provide CPR as needed.
- Protect the airway, suction as necessary.
- Protect against hypothermia. Remove wet clothing, dry and cover with a blanket.
- Treat any trauma and maintain spinal stabilization if a dive injury is suspected.
- Transport all near-drowning patients, even if they appear to have recovered.

LAST ALARM:

The Massachusetts Institute of Fire Department Instructors offers our condolence to the family and friends of **Firefighter Dave F. Galloway**, ACTIVE member of the Boston Fire Department (TL-3). Firefighter Galloway died on April 2, 2010 at age 42. May he Rest in Peace.

Continued from page 9

Additionally, fire department and fleet maintenance divisions should:

Understand that the manual adjustment of automatic slack adjusters, a mechanical component of the air brake system that adjusts brakes as necessary when the vehicle is in operation, may contribute to unexpected brake failure.

Additionally, governing municipalities (federal, state, regional, and local should:

Consider enacting legislation to include operators and occupants of fire department vehicles in existing seat belt legislation and/or repeal existing laws that exempt drivers and occupants of fire service vehicles from mandatory seat belt use.



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CONGRATULATIONS:

The Massachusetts Institute of Fire Department Instructors offers our congratulations to **Chief Mark Pare** who has been selected as the new Deputy Director of the Massachusetts Firefighting Academy. Chief Pare, originally from Providence, has served as Chief of Department in Wrentham, MA since 2008. Deputy Director Pare said this new position allows him to combine his passion for the fire service and passion for teaching. We wish Deputy Director Pare great success and offer him our full support as he accepts the challenges of this important position.

Continued from page 8:

Ensure that current driver training programs provide ample classroom instruction, behind the wheel driving, procedures for driver clearance, and annual refresher training.

Develop and implement fire apparatus inspection procedures and check sheets for their fleet, provide a systematic approach for communicating and receiving inspection sheets from the field, and institute a system to file and track fleet records (e.g. inspection sheets, work orders, repairs, apparatus specifications, and maintenance).

Ensure that policies and procedures are developed and enforced on the use of seat belts.

Develop policies and procedures that assist with determining specifications for new apparatus and replacement cycles of existing fire apparatus.

Continued on page 10

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UPCOMING EVENTS:

May 12, 2010: 100 Club Annual Dinner "Heroes Among Us"
Boston Contact 100club@mjhcomm.com

May 26, 2010: **MIFDI** – Merrimack - Annual F.D.I.C. Recap.

June 7-10, 2010: NFPA Conference & Expo
Las Vegas, NV Contact: nfpa.org

June 12, 2010: Fire Apparatus Parade, Show & Flea Market
Edgewater Office Park, Wakefield Contact: lffra.org

June 13, 2010: FIREFIGHTERS MEMORIAL SUNDAY

June 14, 2010: FLAG DAY
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June 23, 2010: **MIFDI**

June 25-27, 2010: FIRE/RESCUE/EMS 2010
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REPORT of the PRESIDENT:**Captain Mark W. Roche, Newton Fire Department**

Our April meeting provided us with an informative prospective on burn injuries with a focus on prevention, treatment, and support. I thank Phil Tammaro of the IAFF Burn Foundation for this presentation. I also thank member Deputy Chief Tom Conway for arranging this meeting for MIFDI and a big thank you to Chief Anthony Capaldo for again going above and beyond with his hospitality.

During the month of April, many MIFDI members along with myself attended retirement testimonials for two great fire service leaders, Deputy State Fire Marshal Thomas Leonard and Brockton Chief Kenneth Galligan. These two men contributed so much to the fire service and were both strong advocates of training and supporters of MIFDI. Although we will miss them, it is reassuring to know that they will continue in other capacities to provide their input and support as needed. So again on behalf of MIFDI, I wish them both happiness and good health in their retirement and look forward to their continued support and friendship.

A brief version of the NIOSH report on the fatal accident involving Boston Ladder 26 is listed in this month's "Instructors Corner". I encourage everyone to read the full report on the NIOSH website www.cdc.gov/niosh/fire/reports/face200905.html. The two important items that I got from the report are TRAINING and MAINTENANCE. It again goes without saying that the two most essential non-suppression positions on a fire department are the training officer and a certified fire department mechanic.

Our May meeting is always a favorite as we are presented with highlights from the Fire Department Instructors Conference (FDIC). Michael does a great job bringing back information for our members. As an added bonus, those in attendance are provided copies of CD's to bring back to your departments with many of the presentations from the 2010 FDIC.

See you on the 26th, until then stay safe!

Mark

INSTRUCTORS CORNER:**NOISH Report: "Death in the line of duty"**

On January 9, 2009, a 52-year-old male career lieutenant died and three male career firefighters were injured when the ladder truck they were riding in failed to stop while traveling down a hill. The ladder crew had just cleared from a medical assist call prior to the incident. The chauffeur turned left out of a parking lot and immediately had to stop and back up to allow the aerial ladder, hanging over the cab, enough clearance to pass a utility pole on the street. After clearing the pole, the chauffeur immediately negotiated a right downward curve. He then applied the brake pedal and had no response. The chauffeur told the officer he had "no brakes" as the ladder truck gained speed descending the hill. The chauffeur tried placing the ladder truck in neutral and applying the parking (maxi) brake to slow the apparatus down, but there was no response. The chauffeur was able to navigate the ladder truck through a busy intersection, crashing through two parked cars and a brick wall before coming to rest within a multi-story residential complex. The officer was pronounced dead at the scene. The chauffeur was extricated and transported to a local hospital where he was treated for serious traumatic injuries. The two firefighters riding in the crew compartment were also transported to the hospital with minor injuries.

Key contributing factors included in this investigation include; apparatus braking system deficiencies, deficiencies in the apparatus maintenance program, insufficient training for fire apparatus operators and fleet maintenance personnel, and failure to wear seat belts.

NIOSH Investigators concluded that in order to minimize the risk of similar occurrences, fire departments should:

- Ensure that preventative maintenance programs are developed and implemented for fire apparatus according to manufacture guidelines/specifications and national consensus standards.*
- Ensure that preventative maintenance on fire apparatus is performed and or overseen by qualified personnel who meet the certification requirements outlined in NFPA 1071 Standard for emergency Technician Professional Qualifications.*
- Develop and utilize policies and procedures that monitor preventative maintenance and other automotive services performed by vendors.*
- Work with local, state, and federal authorities having jurisdiction (AHJ) in adopting an air brake endorsement for noncommercial drivers licenses that would require individuals operating air brake equipped apparatus to verify their knowledge and skill proficiency (e.g. air brake system, air pressure gauges and alarms, and pre-trip inspection) prior to operating apparatus.*