

# The MIFDI BULLETIN

Massachusetts Institute  
OF



**FIRE DEPARTMENT  
INSTRUCTORS**

September  
2007

MIFDI  
PO BOX 507  
MERRIMAC, MA 01860-0510

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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 - 2007**

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**Massachusetts Institute of Fire Department Instructors  
 Membership Application  
 Jan. 1 to Dec. 31, 2008**

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



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

**Membership Information**

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| <b><u>Membership Type:</u></b> | <b><u>Send Bulletin To:</u></b> | <b><u>Membership Dues:</u></b>   |
|--------------------------------|---------------------------------|----------------------------------|
| <b><u>circle one</u></b>       | <b><u>circle one</u></b>        | <b><u>Active</u></b> \$ 25.00    |
| <b><u>Active</u></b>           | <b><u>Home</u></b>              | <b><u>Retired</u></b> \$ 12.50   |
| <b><u>Retired</u></b>          | <b><u>Work</u></b>              | <b><u>Associate</u></b> \$100.00 |
| <b><u>Associate</u></b>        | <b><u>E-mail</u></b>            |                                  |

Please mail completed Application with check or money order payable to:

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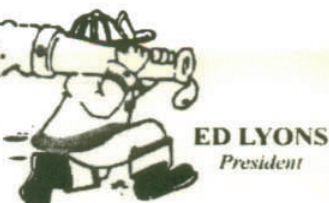
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## SEPTEMBER MEETING:

The 508th meeting of MIFDI will be held **Wednesday, September 26, 2007** hosted by the Waltham Fire Department courtesy of Chief Richard Cardillo. The meeting will be held in the 2nd floor training room of the 9-1-1 Center, 161-171 Lexington St. located between the Fire and Police Headquarters buildings at the Austin Rhodes Municipal Center.

The training program will be provided by Officer Colin Murphy of the Waltham Police Department. Officer Murphy has a fascinating presentation on "Meth Labs" and the numerous hazards encountered when called to a location with one of these labs. Meth Labs are no longer an urban problem, they are now popping up in least expected residential neighborhoods in our communities.

Waltham last hosted MIFDI in May, 2004. Special thanks to MIFDI member Deputy Chief Michael Grigorakos of the Waltham Fire Department Training Division for arranging this meeting.

## DIRECTIONS:

Waltham is located in Middlesex County, 9 miles west of Boston.

**From Rt.128 (I 95):** Take **Exit 27A**, follow Totten Pond Rd to the end. Turn right on Lexington St. and you will see the Municipal Center a short distance on the left. We are asked to park in the strip mall with the Auto Zone store located across from the police station. Please park in the spaces closest to the street away from the stores.

## SCHEDULE:

**0900** Coffee, **1000** Presentation, **1130** Business meeting, **1200** Lunch

## LUNCH:

Lunch will be off site at a nearby restaurant

## TREASURER'S REPORT

Beginning Balances for 1/1/2007  
 Checking 138.26  
 Savings 887.66  
9 Mo. CD 515.44  
 Total \$1,541.36

50/50 Raffle = N/A

Winner = N/A

Deposit from 50/50 Raffle = N/A

(Close Eastern Bank Savings Account)

Total active members = 117

Dues paid thru 2009 = 1  
 Dues paid thru 2008 = 6  
 Dues paid thru 2007 = 89  
 Dues paid thru 2006 = 21

Balances as of 09/10/2007

Bank Statement Checking: \$ 8.25  
 Less uncleared checks: (\$ 120.00)  
 Eastern Checking Balance: (\$ 111.75)  
 ING Savings Balance: \$ 1,002.08  
Economy Co-Op. 12 Mo. CD \$ 1,000.00 (matures 05/10/2008 @ 4.75% APY)  
 Total \$ 1,890.33

Bills Paid June - August (Checking):

Pan-Mass Challenge \$ 50.00 D. Jardin 06/18  
 Sept. 2007 Newsletter \$120.00 Michael - 08/31  
 TOTAL: \$170.00

Account Transfers:

Eastern Bank Savings to Checking - \$ 34.58  
 Eastern Bank Savings to Checking - \$900.00  
 Eastern Bank Cking to ING Sav. - \$900.17  
 Eastern Bank Savings to Checking - \$ 94.25  
 Eastern Cking to ING Savings - \$ 90.00

Mailings

E-Mail - 41 Home - 60  
Work - 16  
 117

Membership Totals

80 Active - 31 Retired - 6 Associate

*Treasurer Notes:*

- 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 2007 dues are due in January.**
- If anyone needs an invoice for their city or town to pay their membership dues, or if you have any other questions about your membership, please feel free to contact me directly.
- If you receive your bulletin via the U.S. Postal Service and it is damaged, please let me know. Recently, a few members, have received their MIFDI Bulletin severely damaged by the Postal Service.
- To obtain a better rate of return on our savings account funds, the President and I opened a new savings account with ING Direct in July. This new account is earning an annual percentage yield of 5.00% vs. the 1/4% paid by Eastern Bank. The new savings account with ING Direct is FDIC insured and complies with the MIFDI By-Laws. This is the same financial institution that the Massachusetts OBRA (retirement) funds are deposited with.
- I regret I will be unable to attend the September meeting as I will be attending the 13th Annual Fire & Life Safety Education Conference and representing MIFDI in Mansfield.

Respectfully submitted 09/10/2007

Michael McLeier

Treasurer

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

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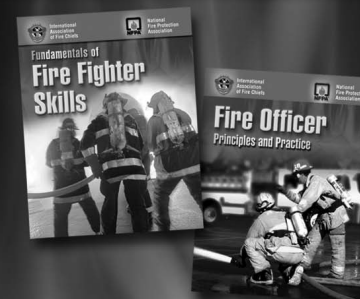
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**\*Dues are \$25.00 per year for Active members**  
**\$12.50 for Retired members**

**\*\$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 .

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**RECALL OF MEETING #507**

The 507th. meeting of **MIFDI** was held on June 20, 2007 hosted by the Canton Fire Department courtesy of Chief Thomas J. Ronayne III.

The training session was provided by Mr. Donald Chambers with an excellent presentation on the subject of "**Fire Streams**". Don provided us with examples and formulas showing that most departments are not flowing the required amount of water from our handlines and master-streams. In theory, we must flow enough water to cool the amount of BTU's being produced by the fire in order to be effective.

Special thanks to Deputy Chief Mark Dolloff of the Stoughton Fire Department for arranging this meeting for MIFDI..

A very informative business meeting followed the training portion. President Roche began the meeting with a moment of silence for the nine firefighters killed in the line-of-duty in Charleston SC on June 18, 2007. Chief David Jardin offered thanks to MIFDI for support as he again participates in the Pan-Mass Challenge. Chief Jardin also spoke on "issues" effecting Stoughton's new Station 2 and what members should be aware of when involved in the planning process of a new station. Member Ira Hoffman of FSP Books & Videos gave an update on new products available including the new required reading lists for upcoming promotional exams. Member John McLean from the Sharon Fire Department displayed a new hydrant valve called the "Carlin Valve" which automatically opens when pressure is equalized allowing the "hydrant man" to report to the fire as soon as the hydrant is dressed. Member Ed Williamson of Norwood spoke on an incident recently in Mansfield where a "hover-craft" was effectively used as a PPV to clear smoke from a large area warehouse building. Finally, Member Steve Persson of the Cambridge Fire Department gave an update on the MFTC including construction benchmarks for the Massachusetts Firefighting Academy expansion project.

Members adjourned for lunch at the "99" Restaurant in Canton.

## EMS RUN

### *C-Spine Immobilization in Blunt Trauma*

#### EVALUATION:

Note age and mechanism of injury

Ask patient if history of cervical spine disease

Note if patient is intoxicated

Look for evidence of significant fresh trauma above clavicles

Ask if posterior neck hurts

Ask if numbness or pins & needles in extremities

Ask patient to move extremities

Touch extremities - Is there sensation? Is it equal on both sides?

#### INDICATIONS FOR IMMOBILIZATION:

Fall > 3ft or 5 steps

MVA > 30mph / Rollover / Ejection

Significant motorcycle or bicycle accident

Diving accident with axial loading

#### MULTIPLE TRAUMA WITH:

Distracting injury or

Intoxication or

History of C-Spine disease

Significant fresh trauma above clavicles

Posterior neck pain

Extremity weakness, sensory loss, or pins & needles

Extra caution if patient is <8 or >65

## WHEN IN DOUBT, IMMOBILIZE

## LAST ALARM:

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of the NINE firefighters from Charleston SC who made the supreme sacrifice on June 18, 2007. **Captain William Hutchinson, Captain Michael Benke, Captain Louis Mulkey, Engineer Mark Kelsey, Engineer Bradford Baity, Assistant Engineer Michael French, Firefighter James Drayton, Firefighter Brandon Thompson, Firefighter Melvin Champaign.** May they rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **FDNY Firefighter Daniel F. Pujdak**, Ladder Co.146, died in the line-of-duty on June 21, 2007 after a fall from a roof at an "All Hands" in the Williamsburg section of Brooklyn. May he rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **Firefighter Jimmy L. Young**, active member of the Boston Fire Department, Engine Co. 55. F.F. Young died on June 26, 2007 at age 45 after suffering a heart attack. May he rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **Firefighter Edwin R. Matos**, active member of the Holyoke Fire Department. F.F. Matos died suddenly on June 30, 2007 at age 30 after suffering a heart attack. May he rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **Firefighter Eugene J. O'Gara**, active member of the Boston Fire Department Engine Co. 30. Firefighter O'Gara died suddenly on July 3, 2007 at age 49. May he rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **FDNY Firefighter Robert Beddia**, Engine Co.24, **FDNY Firefighter Joseph Graffagnino**, Ladder Co.5. Both members died in the line-of-duty on August 18, 2007 during a fire at the Deutsche Bank building in Manhattan which was under demolition due to damage caused on 9/11. May they rest in peace.

The Massachusetts Institute of Fire Department Instructors offer our condolences to the family and friends of **Firefighter Paul J. Cahill**, Engine Co.30, **Firefighter Warren J. Payne**, Ladder Co. 25, Boston Fire Department. Both men died in the line-of-duty on August 29, 2007 during a fire in a restaurant in West Roxbury. May they rest in peace.

## **CONGRATULATIONS:**

The Officers and members of the Massachusetts Institute of Fire Department Instructors offer our congratulations to the new Director of the Massachusetts Firefighting Academy **Edmund M. Walker**. Director Walker formerly served as Chief of the Weston, Mass. Fire Department for the past five years. We offer Director Walker our full support as he takes on this very important position.



**MIFDI President Mark Roche presents a Certificate of Recognition to Ed Lyons, President of Ed Lyons Fire Equipment, Inc. on behalf of MIFDI in recognition of "45 years of serving those who serve". (June, 2007)**  
(Photo by Ed Melendez)

## **'Instructors Corner' continued from page 8**

Provide incident safety officer training to all command officers and selected personnel.

Assure all new firefighters are trained & certified with state standards and NFPA Firefighter II

### **RESPONSE & COMMUNICATIONS**

Increase initial structural fire response to 3 engines & 1 ladder.

Utilize third engine as the Rapid Intervention Team (RIT).

Working Fire - dispatch Asst. Chief, additional Battalion Chief, 4th engine, and EMS unit.

Utilize the additional Battalion Chief as Safety Officer unless Safety Officer is on scene.

Elimination of "10 Codes" and use of tactical radio channel for responses.

### **WATER SUPPLY**

Changes in water supply SOP with transition to large diameter supply hose.

Use of 1-1/2 hose or larger for interior attack as well as vehicle fires.

Changes to standard nozzle configuration and flow for all handlines.

## **UPCOMING EVENTS:**

September 11, 2007: 6th Anniversary of the Attack on America

September 11, 2007: Massachusetts Fallen Firefighter Memorial Dedication

Massachusetts State House @ 1800hrs.

(Members stage on the Common at Beacon & Charles Sts. @1730hrs.)

September 15, 2007: National Fallen Firefighters Memorial Service  
Colorado Springs, CO Contact: [www.iaff.org](http://www.iaff.org)

September 26, 2007: **MIFDI** - Waltham

September 26-27, 2007 - 13th Annual Massachusetts Fire & Life Safety Education Conference - Mansfield Holiday Inn. Contact Jennifer Mieth at 978-567-3380 or via e-mail at [Jennifer.Mieth@state.ma.us](mailto:Jennifer.Mieth@state.ma.us).

October 7-13, 2007: FIRE PREVENTION WEEK  
The 2007 theme is "*PRACTICE YOUR ESCAPE PLAN!*"

October 9-13, 2007: Firehouse Central Conference & Expo  
Orlando, FL Contact: [www.FirehouseCentral.com](http://www.FirehouseCentral.com)

October 21, 2007: Boston Firefighters 25th Annual 6.2 Mile Road Race  
Florian Hall, Dorchester Contact: [www.firefighters10k.com](http://www.firefighters10k.com)

October 21-25, 2007: IAFF Redmond Symposium  
Chicago, IL Contact: [www.iaff.org](http://www.iaff.org)

October 24, 2007: **MIFDI** - DFS/MFA

**FROM THE DESK OF THE PRESIDENT:**  
**Captain Mark W. Roche, Newton Fire Department**

Well, another summer is over and I hope that everyone got to take some time to relax a little. As we begin the 48th year of MIFDI, we again have an informative agenda planned with interesting educational training topics to continue keeping our skills sharp in this challenging profession. Members are always welcome to invite guests and encourage new membership to keep the organization strong.

The June meeting presented by Don Chambers on the topic of "Fire Streams" was a wake-up call to many of us as he proved through simple formulas that a lot of departments are not flowing the maximum amount of water through their nozzles. I thank Don for his presentation, as well as Deputy Chief Mark Dolloff for arranging this meeting. A thank you also to Chief Thomas Ronayne and the members of the Canton Fire Department for hosting MIFDI.

It has been a terrible summer for the fire service beginning in June with the tragic loss of nine firefighters in Charleston, and ending with the difficult loss of two Boston firefighters at the end of August (See "Last Alarm", Page 10). There are no simple answers to explain these tragedies to the public because we in the fire service profession know to effectively extinguish a fire, we have to do it from the inside out. The old buildings are getting older and the new buildings are being slapped together with lightweight materials. We MUST continue to pursue stricter building codes, early detection systems, and most importantly, effective suppression systems.

On behalf of MIFDI, I want to congratulate the new Director of the Massachusetts Firefighting Academy Edmund Walker for accepting the responsibility of this important fire service position in the Commonwealth. I look forward to working closely with Director Walker and hope to have him address our membership during our semi-annual meeting at the MFA in October.

Congratulations to MIFDI member David Jardin, Stoughton Chief of Department, as he again successfully completed the 2007 Pan-Mass Challenge. All proceeds from the event benefit the Jimmy Fund cancer research and treatment at the Dana Farber Cancer Institute. You may still donate directly to Dave at 52 Willow St., Stoughton, MA 02072, or on-line at [www.pmc.org](http://www.pmc.org) and enter Dave's gift ID# DJ0027.

Our September meeting will address the issue of Meth labs and the associated hazards. As these labs continue to pop-up in our communities, we must be aware of the challenges involved in dealing with them.

I hope to see you all in Waltham on the **26th**. Until then, stay safe.

*Mark*

**INSTRUCTORS CORNER**

***Immediate Impact Recommendations,  
City of Charleston Fire Review Task Force***

After an initial review of Charlestown Fire Department operations and the circumstances surrounding the deaths of nine Charleston firefighters on June 18, 2007, the Fire Review Task Force makes the following recommendations for immediate implementation:

**PERSONNEL**

Establish Assistant to the Chief Position.

Establish Fire Department Safety Officer position.

Public Information Officer.

Minimum of two dispatchers on duty at all times.

Maintain minimum staffing of three on-duty firefighters at all times on all existing engine and ladder companies (staffing and overtime impacts).

Incremental movement over two years to achieve four on-duty firefighters on all fire companies (staffing and overtime impacts)

**COMMAND**

Apply Incident command procedures on all incidents (ICS-NIMS procedures).

- \* First arriving officer assumes command, performs size-up and provides direction for all others.

- \* First arriving Chief establishes exterior Command Post and remains at the CP.

- \* Subsequent arriving higher ranking officer may assume command after command transfer process.

- \* Safety Officer assigned to Working Fires and hazardous incidents.

- \* Rapidly implement personnel accountability system with passports and PAR.

**SAFETY**

Reinforce appropriate use of PPE and SCBA.

Reinforce use of seat belts and vehicle emergency response operations.

OSHA "2-in/2-out" to be followed at all times.

Reinforce management procedure for off-duty firefighter response to emergencies.

**TRAINING**

Initiate Incident Command and tactical operations training for all officers.

Provide training for all fire department members with the following;

- \* Firefighter safety & survival

- \* Risk management

- \* Air management

- \* Standardized actions for lost/disoriented firefighters

- \* Rapid intervention operations

- \* Objective based tactical operations

- \* Other critical firefighter safety procedures.

*Continued on page 9*