

M The Ontario Fire Service **essenger**

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a publication of the Office of the Fire Marshal



Bernard A. Moyle

retires from
role as

**Fire Marshal
of Ontario**

Inside:

Sparky takes fire safety to new heights

Fire Prevention Week

OFM staff travel to United States



Ministry of Community Safety
and Correctional Services

Ministère de la Sécurité communautaire
et des Services correctionnels

The Ontario Fire Service **Messenger**

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Comments, suggestions, questions and articles are welcome. Please send them to the attention of:

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Bernard A. Moyle Fire Marshal of Ontario 1990-2006



Ontario is a safer place from fire because of collective efforts

Before I leave the Office of the Fire Marshal (OFM) and begin my retirement, I would like to take this opportunity to thank all the well-wishers who have sent me cards, e mails and tributes. I also thank all OFM staff members and all members of the fire service for the tremendous support they have given me over the past 16 years and a half.

In 1990, when I became Fire Marshal, I was a bit apprehensive about taking this job and shouldering such responsibility. But as it turned out, my worries proved to be groundless. This job has been the most rewarding of my career. All these years, I have looked forward to going to work every morning.

Being Fire Marshal is the kind of job where one can make a difference and contribute to the well-being and safety of all Ontario residents. With the enactment of the Fire Protection and Prevention Act, 1997, which was the highlight of my career, Ontario was able to shift from a fire suppression mentality to one where fire prevention was recognized as a key component of our fire safety strategy. The focus was placed on public education, which, over the years, helped to reduce the number of tragic fire deaths, and the risks for firefighters.

I am also very proud of our accomplishments in the area of firefighter training. We have developed internationally recognized fire service standards and certification programs. The standard based curriculum has changed the way the Ontario Fire College has been able to fulfill the needs of fire departments across the province.

The Fire Marshal's Public Fire Safety Council has brought diverse organizations together and enabled them to assist the fire service in its fire prevention and public education endeavours. Fire safety is no longer the sole responsibility of the fire department: it has become the responsibility of the community.

No single person can institute the kind of change seen in Ontario in the last 16 years. It takes a collective effort and people who are dedicated and believe in the worthiness of goals. The OFM staff are an exceptional group of people who work hard and are committed to fire safety and excellence in their respective fields.

I believe Ontario's fire service is one of the best in the world. It has been an honour to participate in over 150 investiture ceremonies, where I had the opportunity to acknowledge the dedication, hard work and years of service of firefighters across Ontario.

As our statistics show, the results speak for themselves. The OFM, the fire service and the Council have bought into and embraced the vision of an Ontario where no one is hurt by fire. I wish you continued success as you persevere in your efforts toward this vision.

As I leave and reflect on the past, I feel fulfilled and satisfied with our collective accomplishments and with the relationships we have established. Together we have made a difference.

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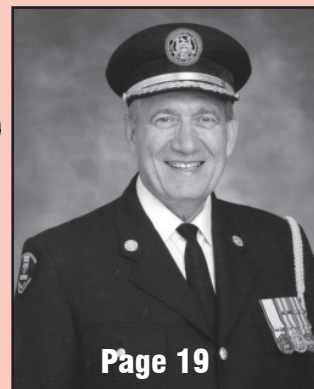
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Update ONTARIO

News from around the province

Safer cooking practices can prevent cooking fires

Toronto Fire Services kicked off Fire Prevention Week on October 6, 2006 at their Toronto Fire and EMA Training Centre with a *Risk Watch* Appreciation Day, pizza lunch, and a variety of fire apparatus displays. The activities were initiated to help raise awareness about fire and life safety.

"Leaving cooking unattended on the stove is a very dangerous thing to do," said Deputy Fire Marshal Doug Crawford to the attending students from Birch Cliff Heights Public School in Toronto. "In fact, that's why most cooking fires start, because there's no one there to stop them."

His remarks were in connection with this year's theme: **Prevent Cooking Fires, Watch What You**

Heat! The message was timely because data indicates careless cooking is the number one cause of preventable home fires in Ontario. There are approximately 1,500 cooking related fires each year. Many more are not reported.

Ryan Parker of Q107 was Master of Ceremonies at the event. In addition to Parker, Bas Balkisoon, Parliamentary Assistant to Monte Kwinter, Minister of Community Safety and Correctional Services and Toronto city councillor Adam Giambrone, Ward 18 Davenport attended the event.

Fire Chief William Stewart, Toronto Fire Services, made a special presentation to a representative from the public school: a *Risk Watch* plaque for

their participation in the injury prevention program.

Each year, Fire Prevention Week commemorates the Great Chicago Fire of 1871. The fire killed over 250 people and destroyed over 17,000 buildings.

Turn to the back page for information about Hamilton Emergency Services' Fire Prevention Week kick-off.

SMARTRISK releases study

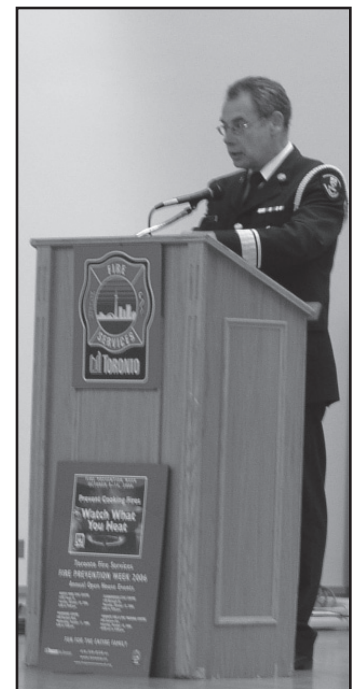
On September 26, 2006, SMARTRISK released a new report revealing injuries cost Ontarians in excess of \$5.7 billion each year and take the lives of more than 4,000 people. The *Economic Burden of Injury in Ontario* is the first report to address the burden of both unintentional and intentional injury in Ontario.

Falls were the most costly unintentional injury at \$1.9 billion, followed by motor vehicle

collisions at \$1.1 billion. Injuries resulting from physical activity cost \$655 million.

The report breaks down injuries by region and Local Health Integration Network. Support for this project was provided by the Ministry of Health and Long-Term Care, in partnership with the Ministry of Health Promotion.

For more information, visit www.smartrisk.ca.



Doug Crawford, Deputy Fire Marshal speaks to the students from Birch Cliff Heights Public School about fire safety on October 6, 2006.

Firefighters' Memorial Day

On October 1, 2006, members of the Ontario fire service and public attended ceremonies throughout the province to commemorate Firefighters' Memorial Day. Although each of the ceremonies were conducted differently, they all



Dave Marcellus and his canine co-worker "Pax."

Family of five escapes due to smoke alarm

In early May, Kawartha Lakes Fire & Rescue Service reported two adults and three children safely escaped their home after working smoke alarms alerted them to a fire in one child's bedroom. Before escaping, one adult tried to extinguish the mattress fire, but was unsuccessful. Kawartha Lakes Fire & Rescue Service arrived and extinguished the fire shortly after. Damages to the home were estimated at \$50,000.

shared a common element: a few moments of silence to remember fallen firefighters.

"Too many firefighters are dying from occupational disease. We cannot accept that firefighters are dying this way," said Bernard Moyle, Fire Marshal of Ontario at the Ontario Fire College.

"It is important that all fire service stakeholders work together to develop a comprehensive educational and prevention program to help reduce the number of firefighters that die as a result of work related diseases."

In his speech, Moyle also spoke about Dave Marcellus, an OFM fire investigator who passed away in August 2006 after a brief battle with cancer. Marcellus had joined the OFM in 1989 and was one of three canine handlers in the province to aid in arson detection. He traveled extensively throughout Ontario conducting investigations and assisting police, and fire services with his canine co-worker 'Pax'. Marcellus also lectured provincially to police, fire, other agencies and school children about fire safety. Moyle told the audience at the College that "He [Marcellus] will be remembered for his quiet demeanor, kindness and loyalty."

At the memorial at Queen's Park, Moyle said "Ontario has one of the finest fire services in the world – one that is respected and valued by its residents. One that we can all be very proud of."

Monte Kwinter, Minister of Community Safety and Correctional Services also attended



Bernard Moyle, Fire Marshal of Ontario speaks at the Ontario Fire College Firefighters' Memorial Day service.

both ceremonies.

During the service at the Ontario Fire College, a number of groups laid a wreath on the memorial for the first time to signify members who had fallen. These groups included the Canadian Association of Fire Chiefs, Central Elgin Fire and Rescue, Greater Napanee Fire Department, Huntsville Fire Department, Kitchener Fire Department, Ontario Native Fire Fighters Society, Niagara Falls Fire Department, North Bay Fire Department, Peterborough Fire Department and St. Clair Township Fire Department.

"Firefighters' Memorial Day is an important event for the Ontario fire service," said Doug Crawford, Deputy Fire Marshal. "It's a time when everyone can come together and remember those who have made the ultimate sacrifice to enhance public safety in Ontario."

Throughout the day, the weather threatened to become an antagonist in the unfolding events. Fortunately, it held off long enough for the ceremonies to be conducted and for the participants to gather together to remember and be thankful for the sacrifices made by these great men and women.

OFM attends inaugural emergency service conference

The Office of the Fire Marshal took part in the Municipal Health & Safety Association of Ontario's recent emergency service providers' conference at the Toronto Congress Centre. The conference, held October 2-4th, was organized on the theme of "protecting those that protect us" and featured seminars on health and safety related topics of interest to emergency responders from fire, police, EMS and other municipal services.

Doug Crawford, Deputy Fire Marshal and Carol-Lynn Chambers, A/Chief, EMR, co-presented on the Provincial C B R N E / H a z m a t / H U S A R

program. The session was well attended by a wide variety of interested stakeholders, including



A snapshot of the OFM booth at the Municipal Health & Safety Association of Ontario emergency service providers' conference.

Fire Chiefs and municipal councillors.

Brent Ellen, EMR Program Specialist, attended several of the technical sessions and staffed the mobile display area of the conference, where he showcased the capabilities of the EMR Unit's satellite van to conference attendees.

Kelly Serson, A/Program Specialist in Fire Protection Services, staffed an OFM booth that featured information from Media Relations and Public Education as well as a demonstration of the OFM's new *Shaping Fire-Safe Communities* master fire planning program.

Proposed reforms to help keep unsafe electrical products off store shelves

The Ontario government is planning to introduce legislation that will, if passed, protect consumers by enhancing electrical safety and strengthening enforcement powers for the Electrical Safety Authority (ESA).

"The changes I am announcing today [October 18, 2006] will help stop the sale of unsafe electrical products and remove them from store shelves. If a product has already been sold, the new legislation will empower the ESA to require the manufacturer to notify consumers that the product is unsafe and order the manufacturer to repair the unsafe product," said Minister of Government Services Gerry

Phillips. "The reforms I am proposing... to Ontario's Electricity Act, will modernize safety standards in our province."

Earlier this year, the government passed a regulation that requires all electrical contractors to be licensed by the ESA by January 2007. This will allow the ESA to go after unlicensed contractors doing potentially unsafe work in people's homes or businesses. The proposed changes in this bill will give the ESA stronger enforcement powers to actively pursue individuals and businesses that falsely hold themselves out to be electrical contractors. For those that continue to endanger the public, they will face fines up

to \$50,000 and for corporations up to \$1 million.

"By strengthening the ESA's ability to go after unlicensed electrical contractors, we can help stop these people before they do unsafe work in our homes and businesses," said Phillips. "These changes are good for the consumer and good for the industry."

Proposed changes will give more access for inspectors to records and strengthen ESA's enforcement capabilities by increasing the time limit to lay charges for an offence to two years from six months.

Excerpted from an October 18, 2006 news release issued by the Ministry of Government Services.

Fire Marshal visits Temiskaming Shores for Fire Prevention Week

BY TIM H. UTTLEY
FIRE PREVENTION OFFICER
TEMISKAMING SHORES FIRE
DEPARTMENT

On October 11, 2006 Ontario Fire Marshal Bernard Moyle visited the City of Temiskaming Shores to take part in a number of activities held as part of this year's Fire Prevention Week.

Radio Interview

Accompanied by staff from the Temiskaming Shores Fire Department and the Fire Marshal's Office, Moyle first attended CJTT FM 104.5 Radio Morning Chat Show. Moyle, along with Temiskaming Shores Fire Chief

Bill Bowman discussed the theme and importance of Fire Prevention Week. Moyle indicated the theme of this year's Fire Prevention Week, *Prevent Cooking Fires – Watch What You Heat* was very appropriate as cooking related fires are the leading cause of fires and the second leading cause of fire deaths in the province of Ontario.

Tour of Senior's Home

Moyle's next stop was a visit to the New Liskeard Non-Profit Housing Corporation Seniors Apartments, where he was welcomed by Bob Hobbs, Board Chairperson, and Lorraine Brazeau, Facility Manager. At the apartment building, Moyle was told about the tremendous efforts over the past year by staff at the facility towards creating and maintaining a fire safe environment for the residents, and that the staff is to be commended for their efforts. Moyle was also advised that the New Liskeard Non-Profit Housing Corporation has become very active and is an important community fire safety partner as a direct result of the efforts of Brazeau.

On hearing of their efforts,

Moyle told Brazeau "seniors are one of our most vulnerable populations when it comes to fire and burn injuries." Overall, Moyle was very impressed with the efforts of staff with regard to their fire safety program. The approach being taken will provide a safe living environment and a better quality of life for the residents. The Fire Marshal was quite impressed with the facility and indicated it is very easy to see the benefits of a good fire prevention program, which far outweigh the costs.

World's Largest School Fire Drill

After visiting the apartment building, the Fire Marshal visited New Liskeard Public School and monitored a school fire drill, as part of the *World's Largest School Fire Drill*. After the drill, he addressed approximately 450 elementary school children, teachers and support staff, about the importance of fire drills, smoke alarms and cooking safety.



In addition to the radio interview, Bernard Moyle, Ontario Fire Marshal also spoke with CTV.

Continued on page 8



Fire Marshal in Temiskaming Shores



Bernard Moyle, Ontario Fire Marshal spoke to students, teachers and support staff at New Liskeard Public School.

Fire Marshal's Introductory Luncheon

It was time for lunch and Moyle attended a luncheon hosted by the Temiskaming Shores Fire Department where he met with members of the city council, municipal staff, and local firefighters. He outlined the duties of the Fire Marshal of Ontario and the importance of volunteer firefighters to the Ontario fire service. In relation, he announced that in November the OFM would be announcing a program to as-

“

He [Bernard Moyle] outlined the duties of the Fire Marshal of Ontario and the importance of volunteer firefighters to the Ontario fire service. ”

sist fire departments with the retention and recruitment of volunteer firefighters. This program will demonstrate the importance of volunteer firefighters and the

OFM's position in continuing to maintain these vital fire service resources. Moyle also explained the importance of volunteer firefighters obtaining the support of provincial and municipal governments. After the Fire Marshal's speech, audience members

gave a number of presentations to congratulate him on his retirement. These presentations included a presentation by Mayor Jamie Hawken, who presented Moyle with a City of Temiskaming Shores sweatshirt, the Temiskaming Shores Fire Department, who presented him with a set of fire department bookends, and a presentation of a fisherman's statue made by local artist Ernie Fauvelle and presented by Fire Chief Bill

Bowman, Chair of the Northeastern Fire Education Committee.

Tour of Cobalt Firefighter's Museum

After lunch and the tremendous outpouring of support, Moyle visited the Cobalt Firefighters Museum. The museum began through the efforts of long-time volunteer firefighter and former Fire Chief of the Cobalt Fire Department, Leo Arbour, and a group of very dedicated individuals. The museum contains a large number of historical artifacts and pictures depicting Cobalt and surrounding area fire departments. Moyle explained he

was impressed with the efforts of Arbour, spoke of the importance of preserving the rich history of the fire service and congratulated Arbour for his work.

Tour of Haileybury Heritage Museum

Moyle's last stop during his visit was to the Haileybury Heritage Museum where he toured the museum and met with local residents. The Fire Marshal was given a tour of the museum by Temiskaming Shores Clerk Chris Oslund who provided an outline of the events surrounding the Great Fire of 1922 that devastated the community of Haileybury. Moyle spoke with two survivors of the Great Fire, and was presented with a book about the history of the Great Fire of 1922 by Museum Board Chair, Bud Shaver.

Conclusion

The Temiskaming Shores Fire Department was extremely honoured to have the Fire Marshal visit Temiskaming Shores, take part in their Fire Prevention Week activities and review the rich history of their area. Moyle's attendance certainly helped to demonstrate the importance of fire prevention, and to recognize the dedication and work of their local volunteer and full-time firefighters in relation to the Ontario fire service. Temiskaming Shores Fire Department again thanks Moyle for his dedication and accomplishments to the Ontario fire service, and wishes him all the best in his retirement.

New campaign targets nuisance smoke alarms

BY CHRIS SLOSSER
OFM A/PROGRAM SPECIALIST

Too many people are disarming their smoke alarms because of nuisance alarms. To prevent this disarming, the OFM is developing a public education campaign to raise awareness about options to deal with nuisance alarms.

Typically, nuisance alarms occur when steam from cooking or showering, or smoke from burnt cooking, triggers smoke alarms. People disarm their smoke alarms (e.g. remove the batteries) to immediately deal with these occurrences and to avoid the frustration of future nuisance alarms. By disarming smoke alarms, people are removing the home's early warning protection and are effectively putting the lives of all occupants in the home at increased risk in the event of a fire.

The OFM plans to communicate options to deal with nuisance alarms through the following:

- A public service announcement (PSA) for television about how nuisance alarms can be easily remedied by pressing the hush feature, a safe option that results in continued early warning protection from fire. The PSA will be sent to television stations across the province in December.
- A print PSA for newspapers about the importance of the hush feature. The print PSA will be distributed to newspapers across the province in December.
- Both PSAs direct viewers to contact their local fire departments for more information about nuisance alarms. They will also present the new website developed by the OFM: www.makeitstop.ca. This website will include other ways to address nuisance alarms,

including moving smoke alarm units away from kitchens and bathrooms; installing smoke alarms with a hush feature and the importance of trying different smoke alarm technologies. The www.makeitstop.ca website will be linked to www.ofm.gov.on.ca.

Some of the features of this new website will include:

- Information urging the public not to disarm their smoke alarms.
- An explanation of the hush feature: how it works and how it can address nuisance alarms.
- Information on moving the smoke alarms (e.g. where is the best location for smoke alarms, how to move smoke alarms to try to avoid nuisance alarms).
- Information on ionization and photoelectric alarms: plain language explanations about differences between these two types of alarms, how they can affect nuisance alarms, how each type of alarm works and costs of each type of alarm.
- Information on electrically connected alarms: basic instructions to contact a licensed electrician before moving this type of alarm.

Junior Firefighters' Day in York Region



In September, the Community Safety Village of York Region hosted the Junior Firefighters of the region. A Junior Firefighter was selected from each municipality in the region and invited to attend the event. Representatives from each fire department attended, in addition to Doug Crawford, Deputy Fire Marshal. Photo submitted by Melanie Duke, Community Safety Village of York Region.

Correction

In the August/September edition of the *Ontario Fire Service Messenger*, the Fire Code Opinion on page 14 incorrectly referred to the date of July 14, 1998. The sentence in the last paragraph should have read "As such, Section 9.8 applies to buildings where two dwelling units were in existence on or before July 14, 1994." We apologize for any confusion this may have caused.

'World's Largest School Fire Drill' in Ontario

The numbers are in! More than half a million people



(including students, teachers, support staff and volunteers) from 1,138 schools across Ontario participated in the second annual *World's Largest School Fire Drill* on October 11 and 12, 2006. It was an event organized by the Fire Marshal's Public Fire Safety Council to raise public awareness about fire safety during this year's Fire Prevention Week, October 8-14.

"The fire drill was a great success," said Bernard Moyle, Ontario Fire Marshal and Chair of the Council. "Increasing public awareness of fire safety practices is the best way to prevent fire and ensure people are prepared should a fire happen to them."

The Council organized the fire drill by challenging school principals in the province to conduct one of their six provincially mandated fire drills during Fire Prevention Week. Originally scheduled for October 11, many schools could not participate due to the rainy weather across the province and were invited to participate in the *World's Largest School Fire Drill* on October 12.

In addition to practicing their school fire drill, students were encouraged to take home fire safety information to share with their families.

Honouring the white helmet tradition



On October 5, 2006, members of Certification Council presented Bernard Moyle, Ontario Fire Marshal with a white firefighter's helmet to mark his upcoming retirement. This presentation honoured the long-time tradition of presenting Chief Officers with their white helmets upon retirement. From left are Carol-Lynn Chambers, OFM, Lynne Lofquist, OFM, Mike Seth, Six Nations Fire Department, Rocco Volpe, Richmond Hill Fire Department, Ed Godden, Ontario Fire College, Bernard Moyle, Lorne Bradt, Leamington Fire Department, Rob Simmons, Vaughan Fire Department and Doug Goodings, OFM.

Welland arena: a place to learn about fire safety



The Welland Youth Arena is not only a place to play, it is also a place to learn. Recently, the Welland Volunteer Fire Company No. 1 and the Welland Firemans Club purchased a "Sparky Says" fire safety sign and placed it in the arena. From left are Lt. Kevin Nash, president of the Welland Firemans Club and others from the Welland Volunteer Fire Company No. 1, Capt. Rick Kay, Fire Prevention Officer Tom Nenadovich, and Capt. Mike Pierce. This picture was taken by J.T. Lewis of the Welland Tribune and was submitted by Tom Nenadovich, Welland Volunteer Fire Company.

OFM takes a look into Ontario kitchens with stovetop fire survey

A one-of-a-kind stovetop fire survey was conducted from August 2005 to the end of July 2006. It was initiated by the Office of the Fire Marshal (OFM) and completed by Ontario fire departments for every stovetop fire they attended in residential properties during this time period. Some 1,244 surveys were completed and returned to the OFM for review and analysis.

The objective of the stovetop survey was to collect information to assist in developing strategies to reduce stovetop fires in Ontario. To support this objective, questions on the survey asked for information about the type of residence, extent of the fire, type of stove and element used, type of cooking and key factors in ignition, including information on the person cooking and his/her activities.

The results from this survey provided a comprehensive picture of what happens in Ontario kitchen fires and the factors that contribute to these stovetop fires. The loss reported totalled \$10.2 million and 205 injuries. The key findings of the survey included:

- In 69% of the fires, fire departments reported that cooking left unattended was the key factor contributing to the ignition or spread of fire.
- Oil or grease was the object first ignited in 50% of the fires. Other food items were the ignition source in an additional 28% of fires. In 14% of fires, non-food items on the stovetop were the objects first ignited.

- Approximately 61% of fires did not spread beyond the stovetop. However, 32% spread into the kitchen, and 5% beyond the kitchen.

- Almost half of the fires were extinguished by the occupant, approximately 21% self extinguished, and 25% were extinguished by the fire department. Less than 1% of fires were extinguished by an automatic system.

- The highest rate of stovetop fires was among cooks who were 20 to 29 years of age.

the time of the stovetop fire.

The top conditions or behaviours reported as possible factors in the stovetop fire included distraction or forgetfulness (51%) and unaware of hazard (21%). Approximately 10% of the surveys reported people asleep. Another 5% of the surveys reported residents were possibly impaired by alcohol and 1% as being possibly impaired by drugs.

Types of cooking

The second key finding listed was about the type of cooking typically reported in these fires.

The surveys reported pan-frying (27%), deep fat frying (23%) and items simmering in pots such as soups and sauces (23%) as the leading types of cooking contributing to stovetop fires.

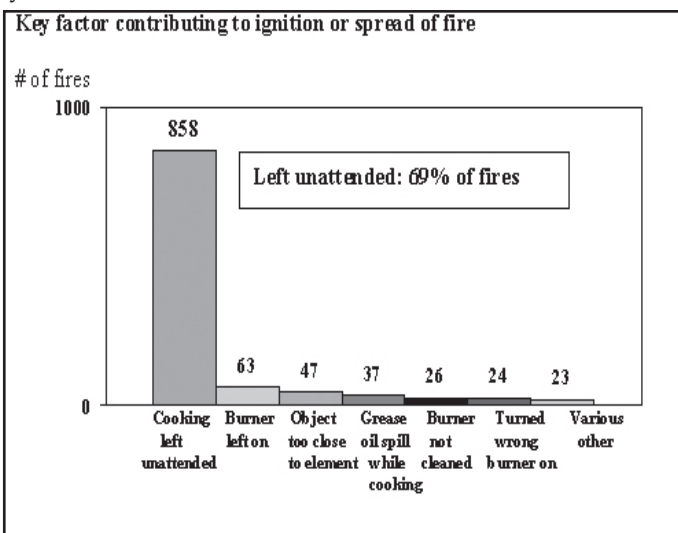
Spread of stovetop fires

In 46% of the fires the occupant(s) attempted to extinguish the stovetop fire. In 70% of these fires, the occupant succeeded in extinguishing it, 14%

of the fires self-extinguished, and 11% were put out by the fire department. Survey results indicated moving the pot from the stove resulted in the highest rate of injuries.

Cooks in the kitchen

While the incidence rate of stovetop fires is highest for those aged 20 to 29, the risk of fatalities related to stovetop fires is greatest



Activities during cooking

In the 858 cases where cooking was left unattended, data indicates 54% of the persons responsible for the cooking were in another room at the time of the fire and 20% of the persons responsible for the cooking were away from home and left their cooking simmering or a stove burner on. In the other cases, 9% of the persons responsible for cooking were outside but on the premises, and 7% of those responsible were in the kitchen at

Continued on page 12

Fire safety is for everyone

BY GINA PONTIKAS
INFORMATION
COORDINATOR
OFM PUBLIC EDUCATION &
MEDIA SECTION

The Office of the Fire Marshal has received a number of requests this year for fire safety information for people with disabilities.

As there are many types of disabilities, there is not one program or teaching method suitable for all groups. Canadian fire services who work with local Children's Safety Villages and/or groups with disabilities in their communities are encouraged to become aware and familiar with each of the different types of disabilities or challenges of a group. This is to ensure that their current fire safety programs are modified appropriately.

The best way for fire departments to achieve this is by speaking with the individuals, families or organizations in the community who work with the different groups of children or adults with disabilities. They can make suggestions or help fire

departments convey important fire safety information. One program does not fit all. Although the fire safety concerns are the same, the ways to reach and teach children and adults with disabilities differ.

When individuals with disabilities contact the Office of the Fire Marshal, they are advised to speak with their local fire department about any fire safety concerns in order to be prepared in the event of fire and to devise a home escape plan that will meet their needs. Planning and practicing what to do in a fire is important to all individuals, especially those with a disability.

The National Fire Protection Association (NFPA) held a symposium to examine fire safety challenges of young children, older adults, and people with disabilities. To obtain insight into their research, visit www.nfpa.org and search by keyword (e.g. persons with disabilities, older adults).

The OFM Fire Sciences Library and Audio Visual Resource Centre has a variety of resources that

were developed to provide fire safety information to persons with disabilities.

The Canadian Paraplegic Association and Betty Dion Enterprises Ltd. collaboratively developed an information package titled *Fire Safety for People with Disabilities* and this kit is available at the OFM library.

Another recommended publication available is *Emergency Evacuation Preparedness – Taking Responsibility for Your Safety: A Guide for People with Disabilities and Other Activity Limitations* produced by June Isaacson Kailes, Disability Policy Consultant, Centre for Disability Issues and the Health Professions. This publication is available online at www.cdihp.org.

If you are interested in using any resource materials, please contact Martha Murphy, OFM Librarian or Sophie Greco, AV Technician at 416-325-3235.

If you would like further information, please contact the Public Education & Media Relations section of the Office of the Fire Marshal at 416-325-3155.

Continued from page 11

Fires result when cooking is left unattended: key factor

in the senior age group.

Fatal stovetop fires

The impacts of stovetop fires range from minor inconvenience to injury and even death.

During the survey time period, the OFM investigated seven stovetop fire fatalities.

According to OFM data in Ontario, from 1995 to 2004 there were 91 fatal fires starting on stovetops that resulted in 96 fatalities. Of the victims, 41% were

seniors, 58% adults and 1% youth under 16 years of age.

This survey provides a synopsis of how stovetop fires affect people today and sheds light on areas to reduce these injuries and fatalities in Ontario. It provides a solid foundation on which to develop clear strategies for preventing stovetop fires and identifies an audience to whom this information should be directed. In the near future, the OFM will use this survey information to further their

efforts in public education. Only then the phrase "too many cooks in the kitchen" can truly be jested because the current situation indicates there aren't near enough.



A picture of a stovetop.

Landlord fined \$5,000 for not maintaining smoke alarms

BY ANGELA MCEWAN
COLLINGWOOD CONNECTION

Robert Bolt, fire prevention officer with the Collingwood Fire Department said, "It is the owner's responsibility to ensure that there are operable smoke alarms on each [storey] of a single family, semi-detached, town home and multi-unit residence, whether owner-occupied or rented."

Bolt's reminder comes on

the heels of a recent Fire Code conviction in the area.

In mid-September, the owner of a multi-unit residential building was convicted with one count of failing to maintain smoke alarms in operable conditions and fined \$5,000.

"It is unfortunate that prosecutions must take place to achieve compliance with the minimum standards of fire and

life safety," said Fire Chief Sandy Cunningham in a press release. "The Collingwood Fire Department works closely with building owners and landlords to ensure that they can demonstrate due diligence in their efforts to maintain smoke alarms in operating conditions in all buildings under their control."

Excerpted from the September 22, 2006 issue of the Collingwood Connection.

Smoke alarm alerts family of seven

Two adults and their five children were left homeless after fire ripped through their Waterford home. Norfolk County firefighters from Station 3, with assistance from Station 4 (Teeterville) responded to the fire one afternoon in October.

Twenty-five firefighters fought the blaze after receiving 9-1-1 calls. Family members were home when the fire was discovered and were first alerted when the smoke alarm sounded: all escaped uninjured. The fire was accidental and started under the house by a propane torch. Damage was estimated at \$230,000 including contents.

Excerpted from an October 16, 2006 news release from Norfolk County Fire & Rescue.

Georgina residents fined for not having smoke alarms

Georgina Fire Department is reminding residents that they are required to have working smoke alarms on every storey of their homes after a fire almost cost two people their lives.

When firefighters responded to the call, they found the main floor of the house filled with heavy, thick smoke. Residents upstairs were woken by the smell and managed to escape without injury.

There were no working smoke alarms in the house and the occupants were extremely fortunate to escape, fire prevention officer Chris McDonough said. The tenant and landlord were fined \$235.

In another incident during the last week of September, fire crews responded to a multi-unit residential building and found three of the five units did not have a working smoke alarm. The owner was fined \$235 per unit.

"It is up to the landlord to ensure there are working smoke alarms in every dwelling unit on every storey and it is the responsibility of the tenant to not intentionally remove or disable the alarm, otherwise they face a minimum fine of \$235," said McDonough.

Excerpted from the October 4, 2006 issue of the Georgina Advocate.

The Messenger needs your news

If you have an item you would like to see published in Update Ontario, please send it to: The Editor, The Ontario Fire Service Messenger, Office of the Fire Marshal, Place Nouveau Building,

5775 Yonge Street, 7th Floor, Toronto, Ontario M2M 4J1.
Tel: 416-325-3138, fax: 416-325-3119 or email
carol.gravelle@jus.gov.on.ca

Launching 'Shaping Fire-Safe Communities'

BY MELANIE ARSENAULT
OFM PROGRAM SPECIALIST, FPS

The Office of the Fire Marshal (OFM) is pleased to announce the launch of *Shaping Fire-Safe Communities*® (SFSC) Phase II – a web-based management resource tool to facilitate the development of master fire plans for Ontario communities, using a systematic and comprehensive risk management process.

Master fire planning, supported by the SFSC program, allows fire service leaders to align strategic directions with measurable outcomes, fulfill responsibilities under the Fire Protection and Prevention Act (FPPA) and to make informed decisions with respect to the targeted allocation of resources in the best interest of fire safety for their municipalities. It will also assist the Office of the Fire Marshal in fulfilling its responsibilities under the FPPA to provide advice and assistance to municipalities regarding the delivery and optimization of fire protection services in Ontario communities.

The SFSC program is being launched using a phased approach, to ensure maximum value and learning, and to provide appropriate support by the OFM to new users of this innovative system.

In this first phase of rollout, access to the SFSC web-based system is currently available to municipalities who have demonstrated compliance with Subsection 2(1)(a) of the FPPA through completion of a Municipal Fire Protection Information Survey (MFPIS), have demonstrated local readiness and the capacity to undertake a Master Fire Planning process through a council resolu-

tion, and have requested the assistance of the OFM in developing their plan. To aid municipalities in initiating their master fire plans, a team-based approach has been developed by the OFM. It includes a web-based resource tool (www.ofmsfsc.ca) and assistance to these municipalities on a priority basis.

Fire departments wishing to preview the SFSC web-based program may request access to a 30-day preview trial and User Manual by contacting their local Fire Protection Adviser.

In a speech about the expected outcome of this program, Ontario Fire Marshal Bernard Moyle, expressed that "every Ontario community [have] a strategic blueprint for managing fire risks through Master Fire Planning and a performance-based approach that is linked to measurable results, based on local needs and circumstances"

To date, the first two SFSC municipalities to begin their Master Fire Plans are Timmins City Fire Department and Kingston Fire

and Rescue.

Acknowledgements:

On August 29, 2006, the SFSC project-working group participated in a recognition luncheon for their outstanding contributions to this important initiative for the Ontario fire service.

At the recognition luncheon, Moyle thanked all members of the Project Working Group and presented each member with a token of appreciation for all their dedication and hard work, to the SFSC program.

This diverse group of stakeholders provided valuable insight into the development and implementation of the SFSC program. The group included:

- **Ontario Association of Fire Chiefs:** Fire Chief Lee Grant, Peterborough Fire Department and Fire Chief Richard Boyes, Oakville Fire Department.

- **Ontario Municipal Fire Prevention Officers' Association:** Assistant District Chief Fire Prevention Craig Cunningham,

Continued on page 15



Members and stakeholders of the Project Working Group of the *Shaping Fire Safe Communities* program who attended the luncheon. See *Acknowledgements* for full list of Project Working Group members.

Fire Safety Commission

Decision No. 2006RA001-147
June 7, 2006

BY CARRIE NG
OFM COORDINATOR
FIRE SAFETY COMMISSION

Subject Matter

The issue before the tribunal was an application made by the fire department for authorization to do work relating to an Inspection Order served on the owner of a multi-unit industrial complex.

The Order required:

1. A complete fire alarm system is installed in the building in conformance with subsection 3.2.4. of the Ontario Building Code (OBC) – to be completed by March 29, 2006.
2. Means of egress from all areas of the building be provided through a system of public corridors

Appeal Decision

The following is a synopsis of a Fire Safety Commission hearing. More information may be obtained from the Fire Safety Standards section of the OFM, telephone 416-325-3100.

provided with emergency lighting and exit signs in conformance with the OBC, so that travel distance to exit does not exceed 45m, and dead-end corridors conform to article 3.3.1.9 of the OBC – to be completed by April 28, 2006.

3. Fire separations be provided in conformance with the OBC, between suites, between suites and public corridors, and between exit stairwells and all other parts of the building – to be completed by May 28, 2006.

General Description of Premises

The building is described as being three-storeys plus full basement with a building area of 51,205 square feet, containing a mixture of close to 40 medium and light

hazard industrial, personal service and mercantile occupancies. It is constructed of a mixture of construction assemblies comprised mainly of the combustible, heavy timber type and is fully sprinklered.

There are no fire-rated floor assemblies in place at any level, fire separations to exit stair shafts are incomplete, and there are several unprotected openings between floors including the freight elevator and stair shafts. Fire separations between occupancies and between public corridors and occupancies are lacking. The means of egress have several dead-end corridors and travel distance greatly exceeds 45 metres in many parts of the building.

Continued on page 16

Continued from page 14

Shaping 'Fire-Safe Communities'

Toronto Fire Services and Fire Prevention Captain Eric Chant, Peterborough Fire Department

• **Ontario fire service representatives:** Fire Chief Shawn Armstrong, Guelph Fire Department, Fire Chief and Community Emergency Management Coordinator Denys Prevost, Norfolk Fire & Rescue; Fire Chief Steve Cooke, Central Huron Area, Chief Executive Officer Greg Robinson, Kingston Fire & Rescue, Deputy Fire Chief Mike Vilneff, Cobourg Fire Department, Platoon Chief Russ Chalmers, Mississauga Fire and Emergency Services, Assistant Fire Chief Tony Lippers, Chatham-Kent Fire Department, Fire Chief Donald Donaldson, Greater Sudbury Fire Services, Fire Chief John DeHooge, Waterloo Fire De-

partment; Chief Fire Prevention Officer Thom Evered, Ajax Fire & Emergency Services and Deputy Fire Chief Doug Tennant, Cambridge Fire Department.

• **Municipality representatives:** Albert Frootman, Sr. Planner, City of Cambridge, Lorne Turner, Sr. Financial Advisor, Chief Administrators Office, City of Toronto and Malcolm McIntosh, CAO/Clerk, formerly West Grey.

• **Office of the Fire Marshal representatives:** Carol-Lynn Chambers, Operations Manager & A/Chief, Emergency Management, FPS (Project Manager), Ted Wieclawek Operations Manager, FPS, Herb Clements, Fire Protection Specialist, FPS, Stan Otok, Data Applications and Technical Support (DATS), Mike Ng, Fire

Protection Engineer, Applied Research, Kelly Serson, Program Specialist, FPS, Vincent Liu, Program Specialist, FPS, Melanie Arsenault, Program Specialist, FPS, Meredith Crawshaw, former Program Specialist, FPS, Bert Kuntz, Program Specialist, FPS, Bruce Robinson, Manager of DATS, Mike Montgomery, Webmaster (DATS), Cheryl Rosell, Education Consultant (AS&E) and Rose Barg, Education Consultant (AS&E).

• **Vendor:** ABS Systems Inc.

To obtain further information about master fire planning and the *Shaping Fire-Safe Communities* program, please contact the Office of the Fire Marshal at 416-325-3100 or your local OFM Fire Protection Adviser.

Compact fluorescent light bulbs and electric timers

Compact fluorescent lights are often attributed with cost savings and long-life benefits for consumers. However, the Office of the Fire Marshal (OFM) has received inquiries about why the instructions with many of these bulbs say that they can't be used with timers. Based on information found on a variety of compact fluorescent light manufacturers' websites, the OFM has determined that the problem is with some electronic timers that maintain a small amount of electricity running through the product even when the bulb is off. This makes the bulb continually try to start itself, which causes the compact fluorescent light bulb to have a

shorter life. Mechanical timers do not present a problem.

In addition to electronic timers, dusk-to-dawn photocell fixtures and dimmers can also cause the bulb to have a shorter life because the circuitry in these devices is incompatible with the compact fluorescent light bulb circuitry. Using compact fluorescent lights in motion sensors may also result in shorter bulb life because of the frequent on-off cycling.

Some manufacturers are now making compact fluorescent lights, dimmers, timers and photocell controls that are compatible with each other.

It is important for consumers to read the instructions that come

with specific compact fluorescent light bulbs. In most cases, using fluorescent light bulbs in a manner inconsistent with their design, voids any warranty. If consumers wish to find out if equipment such as electronic timers, dusk-to-dawn photocell fixtures, dimmers or motion sensors are compatible with their compact fluorescent light bulbs, they should check with the manufacturer of the specific equipment.

This article was written with information from the following websites: www.westinghouselightbulbs.com and www.gelighting.com.

Continued from page 15

Fire Safety Commission Decision

The building is not equipped with a fire alarm system and has minimal and ineffective emergency lighting and exit signs.

Applicant's Position

The fire department reported that the building has changed its occupancy from a warehouse into a multi-unit industrial use starting from the year 1990. The new owner had promised to complete the items specified in the Order but the fire department has not received letters of engagement from architects or contractors to complete items 2 and 3 (see page 11). Therefore, it is the opinion of the fire department that the work ordered is not likely to be completed in any reasonable timeframe, putting the occupants at risk of death or injury in the event of a fire. The proposed scope of work is limited to correcting the hazards as outlined in the Order, and that the fire department be authorized to retain engineers and contractors and obtain building

permits as necessary to complete the work as soon as possible.

Respondent's Position

The owner indicated that he has committed to making all necessary life safety improvements to the building since he took over in June 2004. He submitted evidence at the hearing to show that he has retained an architect, applied for a building permit and contracted with a fire alarm company to comply with the Order. He complained that the compliance dates were very short and impractical. As such, he proposed the following schedule that would give more time to comply:

- Item No. 1 to be completed by September 22, 2006
- Item No. 2 to be completed by December 31, 2006
- Item No. 3 to be completed by May 31, 2007

Commission's Ruling

The Commission ruled that the application for authorization to do

work be granted if the owner fails to complete the items by the following dates:

- Item No. 1 to be completed by September 22, 2006
- Item No. 2 to be completed by December 31, 2006
- Item No. 3 to be completed by December 31, 2006

The owner is also required to submit a Fire Safety Plan to the fire department by September 22, 2006.

Reasons

The Commission heard evidence that the owner had opportunity to implement the Order. The work is necessary to ensure the life safety of the occupants and the visitors of the building. Reasons given at the hearing by the owner for not implementing the Order were not acceptable to the Commission in view of the life safety of the occupants of the units in the building. The Commission believed that the work must be completed to ensure fire safety.

Update on fire protection for CANDU nuclear power generating plants



BY JOSH KALLUNGAL, P. ENG
OFM FIRE PROTECTION ENGINEER
APPLIED RESEARCH

committee. Stakeholders welcomed and supported the OFM's role as a neutral party with a great interest in enhancing public fire safety.

With the support and input from all stakeholders, enhanced transparency and employing innovative strategies, it was possible to significantly reduce the development time by about 18 months. The strategies used included the formation of a task group consisting of one member from each of the major stakeholders who were also the chairs of the six working groups. This Task group was instrumental in addressing and resolving the comments received during the public consultation and subsequent committee ballot. Public consultation of the draft took place in fall 2005, which resulted in over 1000 comments. All comments were addressed and the draft was revised and balloted by the technical committee. Committee ballot in Spring 2006 resulted in over 450 comments, which were mostly resolved in June 2006. A few issues that could not be easily resolved were placed on a "parking lot" list to be

considered along with other issues that may be identified during the implementation period. Therefore, it is anticipated that this standard will need to be amended further in 2008- 2009. The final draft is currently undergoing CSA final pre-publishing edit. The standard is scheduled to be published no later than early 2007.

The completion of this standard is considered very timely in light of the recent trends and needs in the electrical power generation sector. The availability of a new state of the art consensus fire protection standard will be very beneficial to the nuclear industry, the utilities and the Canadian Nuclear Safety Commission (CNSC). This standard will also facilitate incorporation of critical passive and active fire safety features in early stages of the design thus minimizing expensive rework and delays at a later stage.

Staff from the OFM will continue to provide technical support to the CNSC (the regulator). Introduction of this standard will be monitored during the implementation period with a view to providing future changes to the standard in 2008-2009.

This article provides an update to an earlier article published in 2004. The previous article dealt with the history and development of fire protection for the CANDU Nuclear Power Plants. At that time Canadian Standards Association (CSA) was in the process of updating the 1995 edition of the CSA N-293 standard on "Fire Protection for CANDU Nuclear Power Plants" resulting from a need identified by the industry and regulator to update the standard based on years of operating experience and technological advancements in both nuclear plant design, operation and fire protection.

Since 2004, the Office of the Fire Marshal has provided leadership in the development of the N-293 standard by chairing the technical

Availability of "Facts about Smoke Alarms" pamphlet

For several years, the Office of the Fire Marshal has provided *Facts About Smoke Alarms* pamphlets free of charge to fire departments that request them. This pamphlet is currently out of stock and is being revised and updated to reflect the recent amendments to the Fire Code.

In the interim, the handout entitled *Install Smoke Alarms: It's*

the Law! has been posted on the OFM website (www.ofm.gov.on.ca). Fire departments can download and print the handout for use with their public education initiatives.

Also on the web is an up-to-date smoke alarm handout that was included in the *Alarmed for Life* kit and was distributed this spring.

Fire departments are encouraged to distribute these handouts as part

of their smoke alarm programs, as well as at events such as fire station open houses and other community activities.

For additional information, please contact Janice Johnstone, Program Specialist, 416-325-3151, email Janice.Johnstone@jus.gov.on.ca.

New in the OFM Library

Check out our latest books, videos and web resources from the Fire Sciences Library & Audio-Visual Resource Centre. We provide current fire resources to support the Office of the Fire Marshal as well as fire departments, emergency services and fire related industries. The collection consists of 9,000+ books, standards, statute law, reports, 80+ journals, and over 1,300 audio-visual resources. A full listing of new resources is available on our website!

New Books

Alcoholic Fuels edited by Shelley Minter. CRC Press, 2006.

Behavioral Mitigation of Smoking Fires by John R. Hall, Marty Ahrens and Kimberley Rohr. National Fire Protection Association, 2006.

CRC Handbook of Chemistry and Physics: A Ready-Reference Book of Chemical and Physical Data CRC Press, 2006.

Facility Manager's Fire Protection Handbook by Larry Davis and Jeffery Moore. National Fire Protection Association, 2006.

Firefighter's Exam Preparation Book by Norman Hall. Adams Media Corp., 2003.

Hotel Fire Safety Requirements in the Ontario Fire Code Excerpts from Ontario Regulation 388/97 under the Fire Protection and Prevention Act, 1997 amended to Ontario Regulation 144/06 and related extracts from the 1994 and 1986 Building Codes. Toronto, ON : Queen's Printer, 2006.

Many Women Strong : A Handbook for Women Firefighters. U.S. Fire Administration, 1999.

Scrap Tire Cleanup Guidebook : A Resource for Solid Waste Managers Across The United States by U.S. Environmental Protection Agency, 2006

New Videos and DVDs

HAZMAT Response Series (2006)

This operations level series is designed and referenced to meet NFPA 472 Professional Competence of Responders to Hazardous Materials Incidents, 2002 edition. Series consists of seven DVD's and 1 compact disc containing PowerPoint presentations for all seven titles. The titles are as follows; "Hazardous Material Containers and Scene Safety", "Hazardous Material Response Sources and Terminology", "Hazardous Material Defensive Options and Objectives", "Hazardous Material Protection and Decontamination", "Hazardous Material Scene Control and Safety Measures", "Hazardous Material Defensive Actions" and "Terrorism and Weapons of Mass Destruction Awareness".

Cooking Fire Safety: Watch What You Heat! (2006)

Program examines the common causes of cooking fires by providing real life examples and techniques of what to do in the event of a fire. Demonstrates how to deal with a microwave fire, stove top fire and what not to do when the oven is on fire. A leader's guide is included.

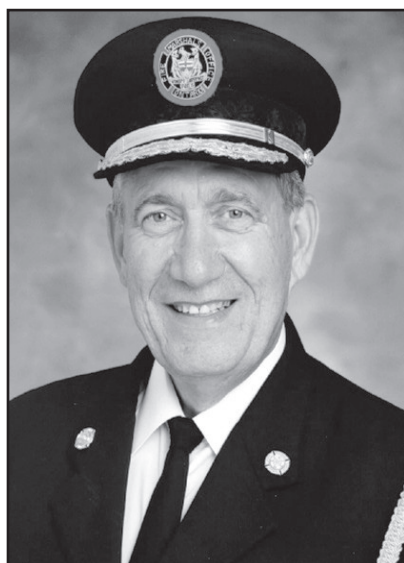
Web Resources

Firehall.com (www.firehall.com) is an online resource for the Canadian firefighting community. You will find the latest news stories, recruitment resources, links to thousands of Canadian specific firefighting and rescue websites from departments and associations to education and museum links.

NIST and USFA produce an on-line newsletter at FIRE.GOV (www.fire.gov/) on fire research activities around the world. The newsletter contains links and contact information to the specific researchers and organizations.



The Fire Sciences Library & Audio-Visual Resource Centre are located in the Office of the Fire Marshal serving staff and residents of Ontario. We welcome visitors to come to the library and borrow from our collection. We will also courier material directly to clients. Hours are Monday – Friday 8:30am to 4:15pm. Visit our website by clicking on Resource Centre at www.ofm.gov.on.ca Phone: (Library) 416-325-3235/3236, (Audio-Visual) 416-325-3121, Email: firesciences.information@ofm.ca.



Bernard A. Moyle
Fire Marshal of Ontario
1990-2006

After 16 years, Bernard A. Moyle is retiring as Fire Marshal of Ontario. This month, the Office of the Fire Marshal is celebrating his career. In addition to this news feature, which highlights some of Mr. Moyle's many accomplishments, people who have worked with him were asked to reflect and talk about some of their work experiences with Mr. Moyle. These reflections truly shine light on Mr. Moyle's dedication to public safety in Ontario.

"The OFM has enjoyed a long and dynamic history," says Bernard Moyle, Fire Marshal of Ontario. "I am happy to have been a part of this history and been able



Moyle has made his mark in Ontario

to contribute to the OFM's success in making Ontario a safe place in which to live and work."

Moyle's career as Fire Marshal is significantly accomplished, given the many winding twists and turns along the way. It began on June 1, 1990, when he was appointed Fire Marshal of Ontario. As the first Fire Marshal with a fire chief's background, specifically from the City of York Fire Department, Moyle brought experience and knowledge to the principal advisor position to the Ontario government on public fire protection policy and fire safety issues. With his shining qualities of enthusiasm for hard work and passion for preventing fires, Moyle embarked on a series of initiatives that would forever change the face of the Ontario fire service.

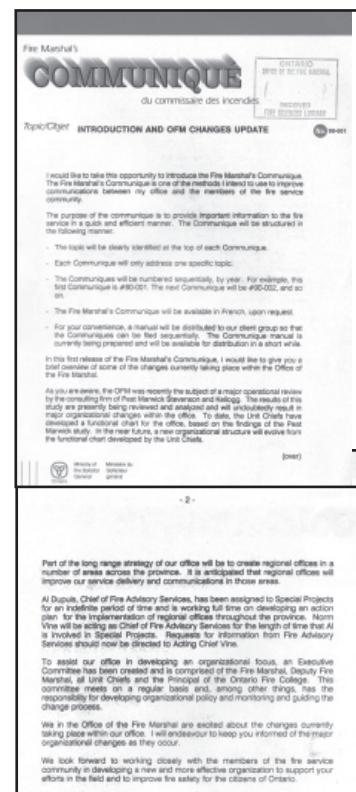
Among his first initiatives were the creation of the two new communication vehicles—the *Fire Marshal's Communique* and the *Ontario Fire Service Messenger*—to ensure information could be relayed to all OFM stakeholders in a timely fashion.

"The *Fire Marshal's Communique* is one of the methods I intend to use to improve communications between my office and the members of the fire service community," said Moyle. "The purpose of the *Communique* is to provide important information to the fire service in a quick and efficient manner."

The first *Communique* relayed information about the extensive operational review and reorganization being undertaken at the OFM, another initiative under Moyle's guidance. The review was completed by Peat Marwick Stevenson

and Kellogg and resulted in *Shaping the Future: A Change Management Plan for the Office of the Fire Marshal*. During this time, regional offices were opened in a number of areas throughout the province to improve service delivery and communications in these specific areas. An OFM Executive Committee was also created to develop organizational policy and monitor and guide the change process.

The *Messenger* was the product of feedback from a survey about communications strategies for the fire service that was distributed at the 1991 Ontario Association of Fire Chiefs Conference. The feedback indicated a strong desire for training and educational material



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Mr. Moyle's retirement is a time to celebrate achievements...

that could be readily adapted to individual departments.

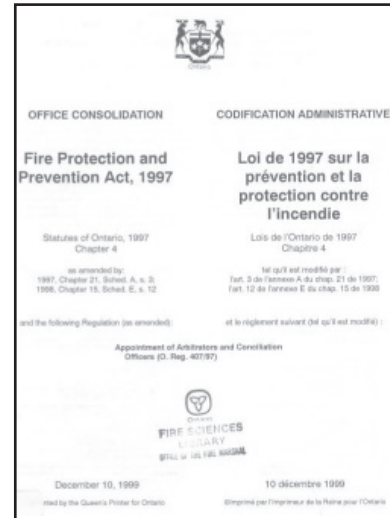
"The *Messenger*...presents a unique opportunity to create a first class journal for the Ontario Fire Service," said Moyle. "This is a publication for the fire service, about the fire service. With your support and participation, I am confident it will be a valuable resource for years to come."

And no truer words could be spoken. Today, the *Messenger* has a circulation of more than 4,400



and continues to elicit positive feedback from readers and written content from stakeholders in a range of disciplines.

In 1993, Moyle created the Fire Marshal's Public Fire Safety Council to harvest the benefits of a synergistic approach to public fire safety education. As defined in the FPPA, the Council consists of a Board of Directors and appointed members. Essentially, the Council brought together representatives from a wide range of organizations with an interest in public fire safety to further the cause of fire prevention and education. Today, the Council still works at arms length from government and has the unique opportunity to form partnerships and provide resources to enhance fire department education initiatives throughout Ontario. The Council also manages and distributes money in support of fire safety initiatives, advises the Fire Marshal on matters of fire safety and facilitates a public exchange of ideas and information.



One of the most significant developments in public fire safety during Moyle's career was undoubtedly the passage of the Fire Protection and Prevention Act (FPPA) that was proclaimed law in Ontario on October 29, 1997. The FPPA streamlined old legislation by combining nine separate statutes into one. A news release distributed by the government at the time read "The new Act will enable municipalities to provide all Ontarians with the best possible level of protection from fire, in the most efficient manner."

The defining feature of this unique Act was to mandate public fire safety education with a fire prevention component for every community. It was the result of more than 30 coroners' juries calling for greater emphasis on public education to

I joined the Office of the Fire Marshal in January 1990 and Mr. Moyle became Fire Marshal in June of that same year. (I think he followed me!) I remember having a very comprehensive training period working with Fire Protection Advisors across the province, along with formal in-class training. Then I met the new Fire Marshal and things became a blur. Mr. Moyle's vision and leadership in fire prevention and public education provided the opportunity to go where the fire service has never gone before. The last 16 years has sped by, has been challenging and so very rewarding.

Bev Gilbert, OFM Manager, Public Education & Media

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...reflect on how they were accomplished...

increase fire safety in the province. Similarly, OFM data also found that most losses resulting from fire could have been avoided through greater use of fire prevention and public education programs.

With an increased emphasis on prevention and education, the way was now paved to ensure fire service personnel had the skills they needed to meet the new requirements. It was the beginning of the Public Fire and Life Safety Educator's Certificate Program at the Ontario Fire College and it was launched that same year.

Amendments to the Fire Code accompanied the new Act, including requirements for smoke alarms outside sleeping areas in residential occupancies in 1998. In

2005, the regulation was further amended to require a smoke alarm on every storey, as well as outside sleeping areas through the province-wide campaign *Working Smoke Alarms: It's the Law!*

In a news release Moyle said "Since 1997, the number of fire deaths has declined by 50 per cent. Although these numbers reflect a



milestone in Ontario's fire history, people are still losing their lives in fires. We expect that having more smoke alarms in homes will mean earlier warning of fire, which will result in faster escape by occupants, earlier arrival by the fire department and ultimately less risk to firefighters and the public."

As the former Chairman of the Professional Standards Setting Body, Moyle saw the realization of a dream with the implementation of the Ontario Firefighter Certification program in 1998. The program formally acknowledged the requirements for an Ontario firefighter to be recognized through job performance standards and educational/training requirements, as established by the OFM and the Ontario Association of Fire Chiefs. As of July 2006, almost 1,800 career firefighters and just over 600 volunteer firefighters have become certified.

Throughout his career, Moyle has always been a man of his word and been able to adapt to the ever-changing face of fire

My unique memories of the Fire Marshal could fill a book. I can remember being in a meeting with him and a group of elected provincial members at the legislature. We were proposing the introduction of smoke alarms in all existing households. The members were philosophically opposed to more regulation and especially regulation that impacted on an individual's home. They spoke forcefully against what we were proposing. Bernie, true to form, tackled the debate head on. He spoke just as strongly about the need for the regulation and why as Fire Marshal he was prepared to fight for it. It was an incredible display of his passion for the public's fire safety. Shortly thereafter we were given the green light to proceed.

Doug Crawford, Deputy Fire Marshal

Continued on page 22

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...and how they will provide a strong foundation for fire safety in Ontario

safety in Ontario. The results of his leadership and beliefs are evident through the dramatic reduction in fire losses in the province. In 1989, there were 186 fire deaths in Ontario. In 2005, there were 84 fire deaths. There is no greater testament to Moyle's strong leadership and his unshakable commitment to prevention, education and training.

As a whole, Moyle's contributions to the Ontario fire service have been numerous, are unforgettable and will provide a strong foundation for the future of fire safety in Ontario.

“

Bernie Moyle is a very straightforward person. He says what he thinks and does what he says. He has had a fantastic career and made the [Ontario] Fire Marshal's Office the gold standard for other jurisdictions. Ontario has been fortunate to have such a visionary leading fire policy and I have been fortunate to have gained a good friend. ”

Dr. James Young, Special Advisor to the Minister, Public Safety and Emergency Preparedness, Government of Canada

“

I've known and worked with the Fire Marshal since February 2001. As a visionary and leader he has, no doubt in my mind left his mark on fire safety in this province. ”

Tony Pacheco, Fire Marshal's Executive Assistant

“

During his 16 years as Fire Marshal of Ontario, Bernie Moyle has demonstrated a strong sense of stewardship. With exceptional leadership skills, he challenges every problem, issue and/ or barrier he encounters with a deep passion to resolve the issue in the best interest of public safety. He is relentless in pursuit of perfection and he never wavers until a worthwhile solution is uncovered. ”

Richard Morris, Co-Chair, Fire Marshal's Public Fire Safety Council

“

One of my many memories working with Bernie Moyle takes me back to January 2000 when a national television station broadcast some findings after an American university had tested smoke alarms and claimed most of them did not work.

We had to react to it immediately and appropriately. The OFM and Toronto Fire Services worked with agencies and associations, namely ULC to conduct laboratory tests for conclusive evidence.

The final result was positive, with a joint media event in Toronto. Bernie and I assured the public that smoke alarms do indeed save lives. There were thousands of smoke alarms sold during that two-week period with significant attention paid to fire and life safety.

This is just one of many experiences I have shared with Bernie, helping to create a safer Ontario. ”

Alan Speed, retired Toronto Fire Services Fire Chief

Climbing the Ladder: Education & Training

The objective of **Climbing the Ladder** is to keep you informed and up to date on issues related to education and training within the Ontario fire service, and to adequately address your questions and concerns. If there is a particular issue you want covered, send the topic to the Editor of The Messenger and it will be passed on to the appropriate person in the OFM Academic Standards and Evaluation section.

Training Officer program receives international accreditation

BY DOUG GOODINGS
EXECUTIVE COORDINATOR/
CHAIR
OFM ACADEMIC STANDARDS
& EVALUATION (AS&E)

The Office of the Fire Marshal (OFM) is pleased to announce the Training Officer Certification program, which was launched on May 1, 2005, has been accredited by the International Fire Service Accreditation Congress (IFSAC) as of August 26, 2006.

Since the launch of the program, a total of 106 training officers representing 35 fire departments have registered through the window of opportunity.

Revisions to standards in progress

The OFM's Academic Standards and Evaluation section is currently reviewing the proposed 2007 NFPA 1001: *Standard for Fire Fighter Professional Qualifications*. At the same time, the section is working in consultation with the Ontario Association of Fire Chiefs (O AFC), to revise the Ontario Firefighter Standard. This standard is to be released in 2007. When these standards are finalized, both will be taken into consideration when revising the Pre-Service Firefighter Education and Training program and the Ontario Fire College firefighter curriculum.

Fire service certification update

Firefighter Certification Program

	Departments	Firefighters
Enrolled	190	15,669

	Career Firefighters	Firefighters
Total Certified:	1,803	629

Fire Prevention Officer Certification Program

	Departments	Fire Prevention Officers
Enrolled	86	487
Total Certified:		169

Company Officer Certification Program

	Departments	Company Officers
Enrolled	75	1,184
Total Certified:		38

Training Officer Certification Program

	Departments	Training Officers
Enrolled	48	157
Total Certified:		12

Public Fire & Life Safety Educators' Certification Program

	Public Fire & Life Safety Educators
Total Certified	239

Statistics as of September 2006.

Questions & Answers: Risk Watch®

Q.1 What is *Risk Watch*?

Q.2 What are three changes that have occurred in the Canadian version of *Risk Watch*?

Answers on page 26

Sparky goes to new heights to raise awareness

BY BRENDA STONEHOUSE
COMMUNICATIONS OFFICER
CITY OF KAWARTHA LAKES
& **BRIAN MCCUAIG**
FIRE PREVENTION
INSPECTOR
KAWARTHA LAKES FIRE &
RESCUE SERVICE

Kawartha Lakes Fire & Rescue Service and Sparky the Fire Dog have gone to great heights to encourage people to test their smoke alarms regularly.

The adventurous Dalmatian recently went skydiving and landed on a 12 foot smoke alarm in the middle of a grass airfield in Baldwin, just south of Sutton in rural Ontario.

Fire Prevention Inspector Brian McCuaig coordinated Sparky's parachuting experience to help kick off this year's Fire Prevention Week, October 8-14.

So why skydiving? "We were trying to think of unique and innovative ways to get the message to test your smoke alarm across," says McCuaig. "In a meeting with the chief a couple of years ago regarding our fire prevention ideas he said the sky was the limit, so that's where we went!"

Safety was a key component of the event. "We wanted to make sure Sparky was trained by the best, so we went to the Parachute School of Toronto in Baldwin for training."

After extensive training, Sparky packed his own parachute and boarded the plane for his first jump. "He was a little nervous but that's to be expected," says McCuaig. "I could relate to what he was feeling since I remember my first jump. I knew it would be an experience he would never

forget."

Chief Instructor Adam Mabey of the Parachute School of Toronto said that Sparky did a great job. "It's hard work to pack a parachute with paws but he did it well."

Jump day was a little chilly with fog and light rain but everything went off without a hitch. "Sparky jumped from an altitude of 3000 feet and landed perfectly," says McCuaig.

Sparky is no stranger to adventure. Since he's been helping the Fire Prevention Division in Kawartha Lakes he's also been downhill skiing at Devil's Elbow Ski Resort in Bethany and has taken part in a Lindsay Muskies Junior A hockey game. McCuaig says Sparky is always up for a new challenge. "He likes to try new things and is always looking for new ways to educate people and draw attention to fire safety."

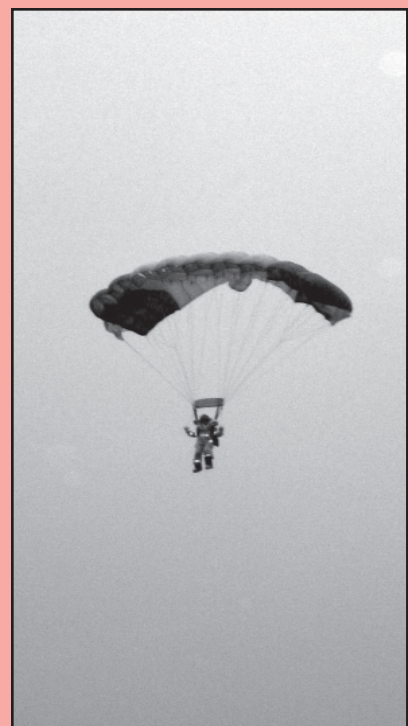
The jump was filmed and photographed in cooperation with local media from 80 ft. up aboard the Bronto Skylift and the footage has been made into a video that was shown throughout Fire Prevention Week. "It's important for us to remind people to test their smoke alarms especially with the recent changes in the law. We are reminding people to have a smoke alarm on every [storey] of their home and outside each sleeping area," says McCuaig. "We're hoping this is something that will catch people's attention and help us get that message across."

McCuaig said the event was really a team effort. "We've had wonderful support from everyone involved."

Kawartha Lakes Fire & Rescue Service extends their thanks to Adam Mabey, Angus Smith, Miro

Domosud and Derek Phillips from Parachute School of Toronto, Mike Johnson – Frontline/Firewatch Video, Mike Hannon, Peter Downey, video editor and a teacher at I.E. Weldon Secondary School in Lindsay (Go Wildcats), Darcy at Autotrim Design for the largest smoke alarm we've ever seen, and Captain Dave Magee for his expert operation of the Bronto Skylift.

Other events scheduled for Fire Prevention Week in the City of Kawartha Lakes included *Open Houses* at fire stations in Dunsford, Bethany, Lindsay, Fenelon Falls, Little Britain, Kirkfield, Burnt River and Pontypool, "Firefighter Games" at two public schools and two Grade 6 students being named Fire Chiefs for a Day.



Sparky takes fire safety to new heights! Photo submitted by Brenda Stonehouse.

OFM Specialists travel to US for training

BY GREG WAY
OFM PROGRAM SPECIALIST

Brent Ellen and Greg Way successfully completed two transportation specialist courses (Hazardous Materials Rail Car Specialist and Highway Transport Specialist) conducted by the Emergency Response Training Centre (ERTC) in Pueblo, Colorado in August 2006.

The ERTC facility is world-renowned. Hazardous materials responders, members of the petroleum industry, and remediation contractors worldwide receive training through the ERTC. Their courses include hazardous materials technician, incident commander, rail car specialist, highway transport specialist and intermodal specialist.

Courses are delivered by instructors with extensive fire service and transport backgrounds. The on-site transportation equipment utilized for training includes all types of highway tankers, intermodals and a realistic train derailment scenario involving both pressurized and general service rail cars. The theoretical components of the curriculum were delivered through classroom presentations and hands-on familiarization with many of the valves, tools and equipment that would be utilized in scenarios and practical applications throughout the duration of the program.

Brent and Greg experienced hands-on familiarization with all types of hazardous materials containers, and had the opportunity to conduct product transfers between rail and highway transport containers under simulated condi-

Greg Way and Brent Ellen are Program Specialists with the Office of the Fire Marshal Emergency Management and Response (EMR) Unit located at the Ontario Fire College (OFC) in Gravenhurst, Ontario. The EMR unit provides leadership and support for the provincial chemical, biological, radiological, nuclear and explosive (CBRNE) and Heavy Urban Search and Rescue (HUSAR) programs.

tions using pumps and pressure differential between containers. They also performed live product flaring of propane from both rail and highway transport containers (MC 331) and practiced a process called "hot tapping".

This training was invaluable in refreshing and enhancing the technical knowledge that these Program Specialists apply on a daily basis to their responsibilities in the Emergency Management & Response Unit at the OFM – providing advice and assistance to responders across the province, supporting the Provincial CBRNE/Hazmat and HUSAR teams, and supporting the OFC hazardous materials training programs.

The Ontario Fire College in Gravenhurst, Ontario has recently added three rail cars and a highway transport container to not

only enhance the International Fire Service Accreditation Congress (IFSAC) accredited hazardous materials Operations and Technician programs, but also to offer a broader range of scenarios for hands-on training.

To enquire about the OFC hazardous materials operations and technician programs, please contact the Ontario Fire College at (705) 687-2294.

The OFM EMRU can be contacted during normal business hours by calling 705-687-9696. For after-hours emergency response support, please have your Fire Chief contact the Provincial Emergency Operations Centre through your Fire Coordinator at (416) 314-0472 or toll free at 1-866-314-0472.

OFM News Update

Eddy Coretti left on September 8 to join the Ministry of Health and Long-Term Care. Eddy worked in the Fire Protection Services section.

Mario Delorme, Fire Investigator, resigned effective September 30, 2006.

Joshy Kallungal will retire on

December 31. Joshy has worked for the OFM for 25 years as an engineer. All the best Joshy!

Mike Montgomery, Webmaster, returned from parental leave in early October.

Al Suleman completed his secondment with the Ministry of Municipal Affairs & Housing and returned to the Fire Safety Standards section in October.

A fire truck fit for a book worm

On October 5, 2006, a special fire truck was unveiled at the St. Clair Township Fire Department, Wilkesport Station. The truck was developed to increase reading and literacy for children in St. Clair Township and Lambton County. The truck is complete

with fire hoses, fire safety books and brochures for children to learn about what to do in case of fire.

The truck was built by Katherine Langstaff, Fire Prevention Officer, Wilkesport Station Fire and her husband.



From left with the truck are Fire Chief Roy Dewhirst, Katherine Langstaff, Fire Prevention Officer, Wilkesport Station Fire and St. Clair Township Deputy Chief Tom Boon. Photo submitted by Deputy Chief Tom Boon.

Canadian Tire Safety Day



Again this year, October 7, 2006 was designated as Canadian Tire Safety Day by the Fire Marshal's Public Fire Safety Council. In this photo Ajax Fire & Emergency Services firefighter Scott McLean, Captain Mike Moffatt (centre) and firefighter Jim O'Hara explain the importance of home fire safety plans to a family. Photo submitted by Thom Evered, Ajax Fire & Emergency Services.

Questions & Answers: Risk Watch®

From page 23

A.1 *Risk Watch* is an injury prevention program designed for children in Pre-Kindergarten to Grade 8.

A.2 There have been many changes to Canadianize the *Risk Watch* program including more challenging and varied activities, a focus on Canadian regional issues, more detailed lesson plans, expanded activities that foster sequential learning, expanded activities that extend learning into the home and community, the teaching of behaviours rather than rules, the inclusion of positive language and availability in French.

For more information about *Risk Watch*, contact Chris Slosser, Office of the Fire Marshal at (416) 325-3120 or Chris.Slosser@jus.gov.on.ca.

ONTARIO FIRE WATCH: Fatal Fire Summary

The OFM compiles statistics on all fatal fires that occur in Ontario. These statistics can assist the fire service to determine fire trends, plan fire prevention initiatives and target public education activities. Due to the methods and criteria used in reporting fire deaths, statistics are subject to change.

August 2006: 3 fatal fires resulting in 3 fire deaths

Age Group	Male	Female	Total
0-15	0	0	0
16-64	2	0	2
65 and over	0	1	1
Total	2	1	3

Fire Cause

Time of Day

Accidental.....	1	0001-0800.....	1
Undetermined.....	0	0801-1600.....	1
Under Investigation.....	1	1601-1800.....	0
Incendiary.....	1	1801-0000.....	1

Location of fatal fire: Essex (1), Hearst Town (1) and Toronto (1).

September 2006: 2 fatal fires resulting in 2 fire deaths

Age Group	Male	Female	Total
0-15	0	0	0
16-64	0	0	0
65 and over	1	1	2
Total	1	1	2

Fire Cause

Time of Day

Accidental.....	2	0001-0800.....	0
Undetermined.....	0	0801-1600.....	2
Under Investigation.....	0	1601-1800.....	0
Incendiary.....	0	1801-0000.....	0

Location of fatal fires: Tillsonburg (1) and Toronto (1).

Brant County TAPP-C: a success story

BY GEOFF HAYMAN
CFPO, COUNTY OF BRANT
FIRE DEPARTMENT

The Brant TAPP-C program commemorated their fifth year of operation with a celebration attended by representatives from the Office of the Fire Marshal, Centre for Addiction and Mental Health, local politicians, members of two fire departments as well as members of the steering committee and other local organizations.

Brant TAPP-C was originally launched on October 12, 2001

during Fire Prevention Week and has been a resounding success since that time. The steering committee was formed in April 2001, and along with Sharon Labonte-Jacques from CAMH and Rick Finnemore of the OFM, developed a working logic model to ensure an effective program was implemented. A collaborative effort between the City of Brantford and County of Brant Fire Departments along with Woodview Children's Centre, the program continues to meet the needs of the community in helping reduce fire setting behaviour in the two communities.

Mike Hancock, Mayor of Brantford, remarked on the importance of the program to the community in addressing juvenile fire setting, providing parents and caregivers a means to help youth deal with challenges in today's society. Mayor Hancock presented a certificate to Committee Co-Chairs Mary Newman of Woodview Children's Centre and Geoff Hayman of the County of Brant Fire Department on behalf of the City of Brantford.

Guest speaker Chris Slosser, Acting Program Specialist for Public Education and Media Relations section with the Office

of the Fire Marshal, addressed the assembled group regarding the history of TAPP-C and the role of the Office of the Fire Marshal and CAMH in the province-wide implementation of the program. Slosser elaborated on how TAPP-C has spread across the country, with every province except Manitoba and Newfoundland using a version of the program. He stated there is growing interest in the program from the United Kingdom and the United States. He also congratulated the Brant TAPP-C committee on their successful program.

A certificate of appreciation and gift was presented to Jeff McCormick, a Fire Prevention Officer with the Brantford Fire Department. As a member and original founding Co-Chair of the Brant TAPP-C steering committee, McCormick was instrumental in the development of the program but stepped down from the committee following a change in his responsibilities with the Brantford Fire Department.



Chris Slosser, OFM and Mike Hancock, Mayor of Brantford cut a cake to celebrate TAPP-C's fifth year of operation in Brantford.

Fire Service Calendar 2006

Nov. 15 - 17	Public Educators' Conference	Cambridge, ON
Nov. 22	Toronto, Etobicoke, North York, East York, Scarborough & York Investiture Awards	East York, ON
Nov.27-Dec.1	Ontario Fire College Fire Prevention Officers Seminar	Gravenhurst, ON
Dec. 4-7	Ontario Fire College Executive Development Seminar	Gravenhurst, ON

Fire Prevention Week Kick-off in Hamilton

On October 5, 2006 Ontario Fire Marshal Bernard Moyle travelled to Hamilton to launch Fire Prevention Week at Stinson Street School.

In addition to raising awareness about this year's theme **Prevent Cooking Fires: Watch What You Heat!** at the school, Hamilton Emergency Services Fire Prevention Division continued their efforts to further educate students about arson-related fires

and youth vandalism. Visiting elementary schools in areas that have shown an increase in juvenile firesetter activity with members of the Hamilton Police Service has been found to be a good way to disseminate key messages. In other schools, Fire Prevention staff conduct interactive activity centres about home fire safety.

Other components of Hamilton's Fire Prevention

Week activities included information about safe cooking practices and arson prevention being distributed at Hamilton's annual Thanksgiving Day station open houses and **Canadian Tire Fire Safety Day**.



M **The Ontario Fire Service** **essenger**

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Shore-Based Water/Ice Rescue

Teaching Plan

Introduction:

Water and ice rescue situations require specialized equipment, procedures, knowledge and precautions. Safety, of both the victim and the rescuer, is a prime concern. The best kind of rescue is a successful one and, while there are never any guarantees, success is always more likely if well-planned procedures are carried out efficiently and safely.

During this training session we will be discussing Shore Based Water/Ice Rescue. You will receive the knowledge necessary to enable you to perform each of the various tasks.

Learning Outcomes:

At the end of this session, the firefighter will be able to:

- a) Describe the equipment required for shore based water/ice rescue
- b) Describe the requirements put in place to ensure personnel safety
- c) Identify the various types of water/ice emergencies and their hazards
- d) Identify the signs and symptoms of hypothermia in victims and the emergency care required
- e) Identify the signs and symptoms of “cold water-near drowning victims” and emergency care required
- f) Describe the various types of water/ice rescues and the sequence of events to be followed during general operations
- g) Demonstrate a rope bag throw
- h) Demonstrate the use of inflated fire hose as a rescue device

Expectations of the Participant:

All participants are expected to:

- Actively listen during the classroom session
- Answer questions posed by the instructor
- Ask questions for clarification and understanding
- Participate in any discussions that take place
- Be team members and assist others requiring help
- Actively participate in practical evolutions

References and Resources:

Section 21 Guidance notes
PFSG
IFSTA Manuals
Hazard Identification Form
Pre Incident Plan and QAP

Videos Drowning Machine and Swept Away
OFC Water/Ice Rescue Course Manual
Lifesaving Society of Canada
NFPA Standards and Manuals
Fire Fighter Curriculum guides and sign offs

SHORE-BASED WATER/ICE RESCUE

Key Points and Terms	Student Learning Activity	References and Resources	Trainer/Facilitator Activity
Personnel Safety • Training • Clothing • Incident command • ISO • PFD • Hazard identification	• Take notes • Participate in discussions • Ask questions	Additional information on Shore-Based Water/Ice Rescue can be found in: • <i>IFSTA Essentials of Firefighting, current edition</i> • <i>IFSTA Fire Service Rescue, current edition</i> • Hazard Identification form	• Lead discussion and encourage learner participation • Question learners about the areas that seem to be common sense Discuss use of pre-incident planning
Required Equipment • PFD • Exposure suits • Safety lines • Throw lines • Flotation devices • Reaching equipment • Safety belts and/or harness • Securing devices • Helmet • Immersion suits	• Take notes • Ask questions • Take part in discussions • Read <i>IFSTA Essentials of Firefighting</i> • Don each piece of personal equipment	Additional information on Shore-Based Water/Ice Rescue can be found in: • <i>IFSTA Essentials of Firefighting, current edition</i> • <i>IFSTA Fire Service Rescue, current edition</i>	• Lead discussions • Show each piece of equipment • Demonstrate donning of personal equipment • Watch and assess each learner as he/she dons the equipment • Inspect, clean and document all equipment
Rescue Situations • Currents • Dams using -High -Low • Obstructions • Strainers • Under cuts • Ice and cold water • Floods • Weak ice	• Take notes • Read <i>IFSTA Fire Service Rescue, current edition</i> • Participate in discussions	Additional information on Shore-Based Water/Ice Rescue can be found in: • <i>IFSTA Essentials of Firefighting, current edition</i> • <i>IFSTA Fire Service Rescue, current edition</i>	• Lead discussions • Show examples of the hazards discussed • Visuals such as slides, overheads etc. • Use a chalkboard if available to show the actions of water under various conditions

SHORE-BASED WATER/ICE RESCUE

Key Points and Terms	Student Learning Activity	References and Resources	Trainer/Facilitator Activity
Victim Condition and Care 1)Hypothermia -Core temperature, signs and symptoms -Emergency care 2) Cold water/near drowning -Signs and symptoms -Emergency care 3)Body heat preservation a) Self -H.E.L.P b) Group.	•Take notes •Participate in discussions •Ask questions	Additional information on Shore-Based Water/ Ice Rescue can be found in: • <i>IFSTA Essentials of Firefighting, current edition</i> • <i>IFSTA Fire Service Rescue, current edition</i>	• Stress the seriousness of these conditions • List signs and symptoms • Use visuals if available • Encourage discussion • Ask questions
Rescue Procedures Sequence • Talk • Reach • Throw • Row • Go 1) Self -on back -backstroke -toes above water 2) Rope throw bag -method 3)Fire hose -fast water -slow water -hydraulic -pond/lake 4)Foot entrapment -throw bags -snag line	•Take notes •Answer questions •Ask questions	Additional information on Shore-Based Water/ Ice Rescue can be found in: • <i>IFSTA Essentials of Firefighting, current edition</i> • <i>IFSTA Fire Service Rescue, current edition</i>	• Lead discussion • Encourage participation • Show actual equipment when possible • Use drawings when necessary • Divide learners into platoons -give each platoon a scenario on paper -each group to discuss how they would affect the rescue -each group to present their solution to the other platoons
Stress ROW and GO are entry-level rescue not shore-based.			

Trainer Suggestion

This would be an opportune time to take a break and administer a written test covering the theory of shored-based water/ice rescue.

Key Points and Terms	Student Learning Activity	References and Resources	Trainer/Facilitator Activity
Rope Throw Bag • don all required safety equipment • secure rescuer • figure of eight • swing toss • throw past victim	Practice throwing	N/A	• Demonstrate the use of the rope throw bag • Observe a return demonstration
Fire Hose Rescue end caps inflate feed to simulated victim	Practice as part of a team		• Demonstrate the use of a fire hose for rescue • Observe a return demonstration

Trainer Suggestion

A knot-making lesson would be valuable for students interested in this subject.

Throughout the activities, trainers should always enforce NO ICE is GOOD ICE! All ice should be treated as unsafe.

Notes:

WATER / ICE HAZARD FORM

WATER BODY NAME:

LOCATION NAME:

DATE:

DONE BY:

TYPE OF WATER BODY DESCRIPTION

CURRENT PRESENT NO SLIGHT MODERATE STRONG

HAZARDS PRESENT

ON LAND

IN WATER

BOTTOM: SANDGRAVEL ROCKY MUD/Clay

ACCESS - SUMMER

1.-

2.-

ACCESS - WINTER

1.-

2.-

TIME OF YEAR CONCERNS:

DEPTH : (meters) 0-6 7-10 10+

SHORE LINE DESCRIPTION(SITE)

CONTACT PERSON (KEYS, GATES ETC.)-

ADDITIONAL INFORMATION

Weather

ISO

COMMAND

***ADDITIONAL INFORMATION AND/OR MAP MAY BE ATTACHED OR
DRAWN ON BACK.**

Notes: