



*2010 Annual Report*

*Sault Ste. Marie Fire Services*

*Sault Ste. Marie*

*Fire Services*

*“Mission Statement”*

SAULT STE. MARIE  
FIRE SERVICES

COMMITTED TO THE PROTECTION OF LIFE,  
PROPERTY AND THE ENVIRONMENT WITHIN OUR  
COMMUNITY IN A RESPONSIBLE AND CARING  
MANNER.



# Message from the Chief

Through the combined efforts of all divisions we are pleased to provide the City and citizens of our community with Fire Services 2010 Annual Report. The report contained herein is a summary of Fire Services activities for 2010.

Fire Services is comprised of four divisions including Fire Suppression, Emergency Medical Services (EMS), Fire Prevention and Public Education, and Support Services.

Our service is committed to the preservation of life, property and the environment in a responsible and caring manner for the citizens of our community and the surrounding district.

During the year Fire Services received two new Pumper Rescue apparatus. These new vehicles came equipped with many innovative and improved safety features. As a result of the new Pumper/Rescue apparatus Fire Services revised and implemented a new and more effective deployment plan for the City.

Fire Services continued to be very diligent about raising the level of awareness with respect to fire safety in the home and in the workplace through numerous Fire Prevention and Public Education programs. These programs have a significant, positive impact on life safety for the citizens of our community. Through the years our community has become increasingly more compliant with the Fire Code of Ontario and has also contributed greatly to reductions in fire related losses.

For the 2010 calendar year, Fire Services responded to a total of 12,440 occurrences, up marginally from the previous year. Of that total 2,386 were responded to by the Fire Suppression Division, while 10,054 medical related calls were answered by the EMS division





Fire Services will continue to take effective measures toward enhancing internal health and safety policies and wellness programs in an effort to achieve the City's 'Target Zero' policy for workplace related injuries and illness. Furthermore, Senior Management will continue to promote a healthy work environment within our department by delivering regularly scheduled team building exercises.

I would like to extend a sincere thank you and acknowledge the efforts and unwavering commitment of our Senior Management Team and Fire Services personnel towards the City and community. Without this level of dedication we could not attain our well established Key Results Areas.

Our Key Results Areas and status for 2010 were as follows:

- Reduce workplace accidents and injuries in an effort to attain "Target Zero" (significant progress)

- Promote a positive and productive work environment (achieved)

- Reduce our carbon footprint (achieved)

- Develop and implement an Accessibility Plan (achieved)

- Develop and implement a Departmental Pandemic Plan (achieved)

- Revise fleet replacement schedule (achieved)

In closing, I also want to thank Mayor Debbie Amaroso, members of City Council, Chief Administrative Officer Joe Fratesi and all City departments' staff for their continued support.

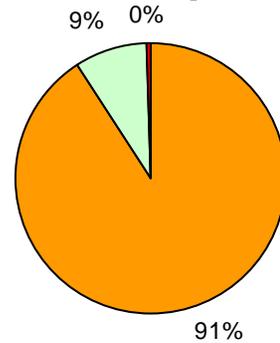




# FIRE SERVICES 2010 APPROVED BUDGET

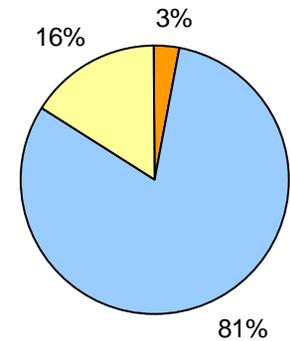
2010 Approved Operating Budget	Fire	EMS RESC	EMS Garden River	G8 Summit	Total	%
Salaries and Benefits	\$11,184,565	\$3,286,810	\$599,325	\$136,745	\$15,207,445	90.8%
Materials and Supplies	\$922,060	\$392,310	\$127,185	\$23,100	\$1,464,655	8.7%
Capital expense	\$33,465		\$1,200	\$44,775	\$79,440	0.5%
Total	\$12,140,090	\$3,679,120	\$727,710	\$204,620	\$16,751,540	100.0%
Percentage	72.5%	22.0%	4.3%	1.2%		

**Fire Services Operating Budget**



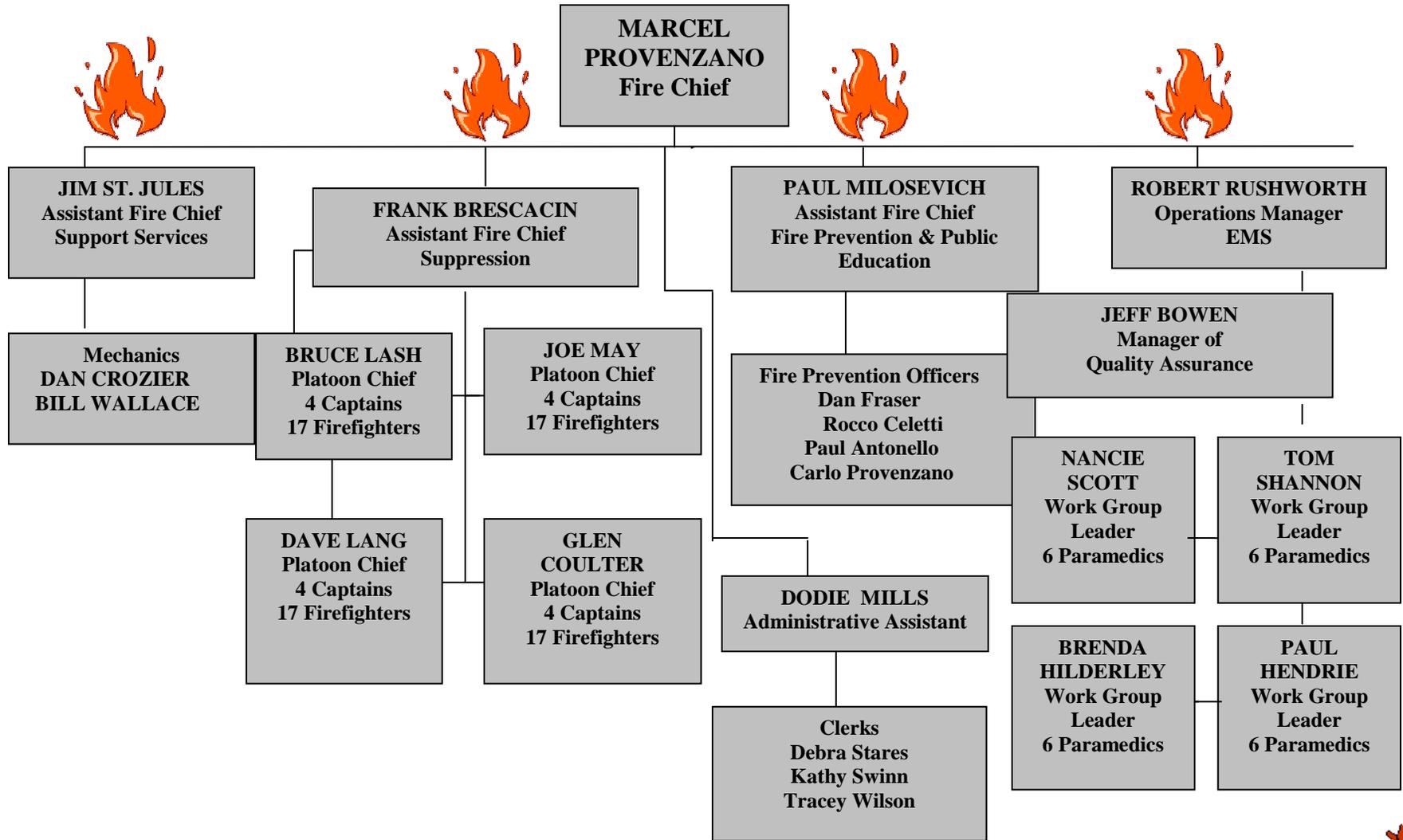
2010 Revenue	Budget	%
Fire	\$133,730.00	2.9%
EMS - RESC	\$3,679,120.00	81.0%
EMS - Garden River Station	\$727,710.00	16.0%
Total	\$4,540,560.00	100%

**Fire Services Revenue**





# SAULT STE. MARIE FIRE SERVICES





# PERSONNEL LISTING ~ FIRE DIVISIONS

NAME	APPOINTED TO DEPT.
LASH, B.	May 30, 1978
RICHARDS, R.	May 30, 1978
AUTIO, S.	May 7, 1979
WILTON, D.	May 7, 1979
BAILEY, D.	October 1, 1979
McDERMID, W.	April 28, 1980
SPRING, D.	April 28, 1980
HENDERSON, R.	September 15, 1980
LANG, D.	April 6, 1981
PINNELL, M.	April 6, 1981
COULTER, G.	February 1, 1982
PROVENZANO, M.	February 1, 1982
MAY, J.	February 1, 1982
SWIFT, B.	June 24, 1982
GREGORINI, T.	August 29, 1983
DUBOIS, T.	August 29, 1983
FERRIS, D.	December 19, 1983
HEWITT, R.	December 19, 1983
BRESCACIN, F.	December 19, 1983
PEDDLE, D.	December 19, 1983
FREMLIN, R.	December 19, 1983
ROBERTSON, D.	January 2, 1985
BARRETT, T.	January 2, 1985
CIFERRI, B.	January 2, 1985
SCHILDROTH, T.	September 2, 1986
CAMPBELL, B.	September 2, 1986
BEACH, J.	September 2, 1986
KOZACK, B.	September 2, 1986

NAME	APPOINTED TO DEPT.
MARTYNUCK, S.	January 5, 1987
PIHLAJA, R.	January 5, 1987
PAGNUCCO, M.	March 9, 1987
GILLESPIE, C.	March 9, 1987
SMITH, S.	March 31, 1987
DIONISI, M.	March 31, 1987
SIMON, M.	March 31, 1987
CARMICHAEL, T.	August 10, 1987
LAJOIE, J.	August 10, 1987
St. JULES, J.	November 9, 1987
GRIGG, D.	March 21, 1988
CHEESEMAN, J.	February 27, 1989
MILLS, D.	May 8, 1989
BUMBACCO, G.	June 4, 1990
NIRO, A.	January 2, 1991
QUESNELE, S.	May 27, 1991
MANCUSO, F.	May 27, 1991
COLE, S.	June 10, 1991
ZORZI, R.	May 4, 1992
MAKKONEN, P.	July 15, 1992
SHAUGHNESSY, F.	July 15, 1992
GARDINER, A.	January 4, 1993
GREVE, R.	January 4, 1993
DOUGLAS, J.	January 4, 1993
LAMORIE, S.	January 11, 1993
OLIVER, B.	January 11, 1993
BRECHIN, K.	January 11, 1993
OLIVERIO, M.	January 11, 1993
STITT, J.	March 29, 1993





NAME	APPOINTED TO DEPT.
McGRATH, M.	March 29, 1993
FRASER, D.	May 17, 1993
GOULD, J.	May 17, 1993
DUROCHER, M.	March 7, 1994
KENOPIC, M.	March 7, 1994
BOUCHER, D.	March 7, 1994
CAMERON, K.	March 28, 1994
CELETTI, R.	March 28, 1994
PROVENZANO, C.	May 24, 1994
COUTU, D.	March 6, 1995
HACHEY, J.	March 6, 1995
BREAULT, C.	April 3, 1995
JOHNSON, P.	April 3, 1995
MacFARLANE, J.	May 21, 1996
JAREMKO, J.	July 8, 1996
HALLE, D.	August 6, 1996
ELGIE, G.	June 17, 1997
BISHOP, R.	April 14, 1998
CROZIER, D.	August 10, 1998
FOSTER, S.	May 10, 1999
SCORNAIENCHI, M.	May 10, 1999
WEBB, J.	June 5, 2000
McLEAN, M.	June 19, 2000

NAME	APPOINTED TO DEPT.
MILOSEVICH, P.	February 26, 2001
HUCKSON, C.	October 1, 2001
McINTYRE, M.	April 22, 2002
MORGENSTERN, M.	May 6, 2002
STARES, D.	August 19, 2002
ANTONELLO, P.	January 6, 2003
MELCHIORRE, L.	April 19, 2004
RATHWELL, T.	May 9, 2005
O'NEILL, S.	May 24, 2005
SWINN, K.	July 11, 2005
McCARTY, A.	April 25, 2006
BELSITO, F.	June 26, 2006
SPURWAY, K.	May 14, 2007
FEWCHUCK, P	May 14, 2007
MAITLAND, T	September 24, 2007
WALLACE, B.	January 21, 2008
BUNTING, A.	April 21, 2008
TURPIN, B.	May 26, 2008
VAN HOEK, J.	September 8, 2009
FINN, C.	November 30, 2009
WILSON, T.	December 2, 2009
SHAUGHNESSY, R	June 28, 2010

**Retired**  
*Rick Thomas April 9, 1979 - June 30, 2010 31 Years*  
**Congratulations**

**TOTAL COMPLEMENT - 102**  
**(DECEMBER 2010)**





# EMERGENCY MEDICAL SERVICES DIVISION PERSONNEL LISTING FULL TIME PERSONNEL

NAME	APPOINTED
LIVINGSTON, J.	April 1, 2002
SHANNON, T.	April 1, 2002
STOTESBURY, D.	April 1, 2002
SCOTT, N.	April 1, 2002
HENDRIE, P.	April 1, 2002
HILDERLEY, B.	April 1, 2002
KING, M.	April 1, 2002
RUSHWORTH, R.	April 1, 2002
KING, J.	April 1, 2002
ORR, J.	April 1, 2002
MARTIN, B.	April 1, 2002
NEAL, S.	April 1, 2002

NAME	APPOINTED
OLSEN, S.	April 1, 2002
DATE, P.	April 1, 2002
KIRKHAM, K.	April 1, 2002
KOIVISTO, E.	April 1, 2002
KOVACEVICH, S.	April 1, 2002
BENNETT, R.	April 1, 2002
HILL, D.	April 22, 2002
RATHWELL, S.	April 29, 2002
MARSHALL, C.	April 29, 2002
MITCHELL, K.	June 17, 2002
CULINA, D.	Nov 23, 2003
LANGVIN, D.	June 16, 2003

NAME	APPOINTED
BOWEN, J.	Aug 18, 2003
HAINES, B.	July 25, 2005
THOMAS, J	Jan 31, 2006
ONOFRIO, T.	May 23, 2006
CROZIER, M.	Jan 2, 2007
VAN HORNE, K.	Dec 15, 2009
NORRIS, J.	Dec 15, 2009
RIBIC, K.	Dec 19, 2009
BABONY, J.	Dec 15, 2009
CESKAUSKAS, J.	Feb 1, 2010

TOTAL COMPLEMENT OF FULL TIME PERSONNEL = 34 (DECEMBER 2010)

**Retired**  
*David Stokes ~ 39 Years of service in EMS*  
**Congratulations**

## PART TIME PERSONNEL

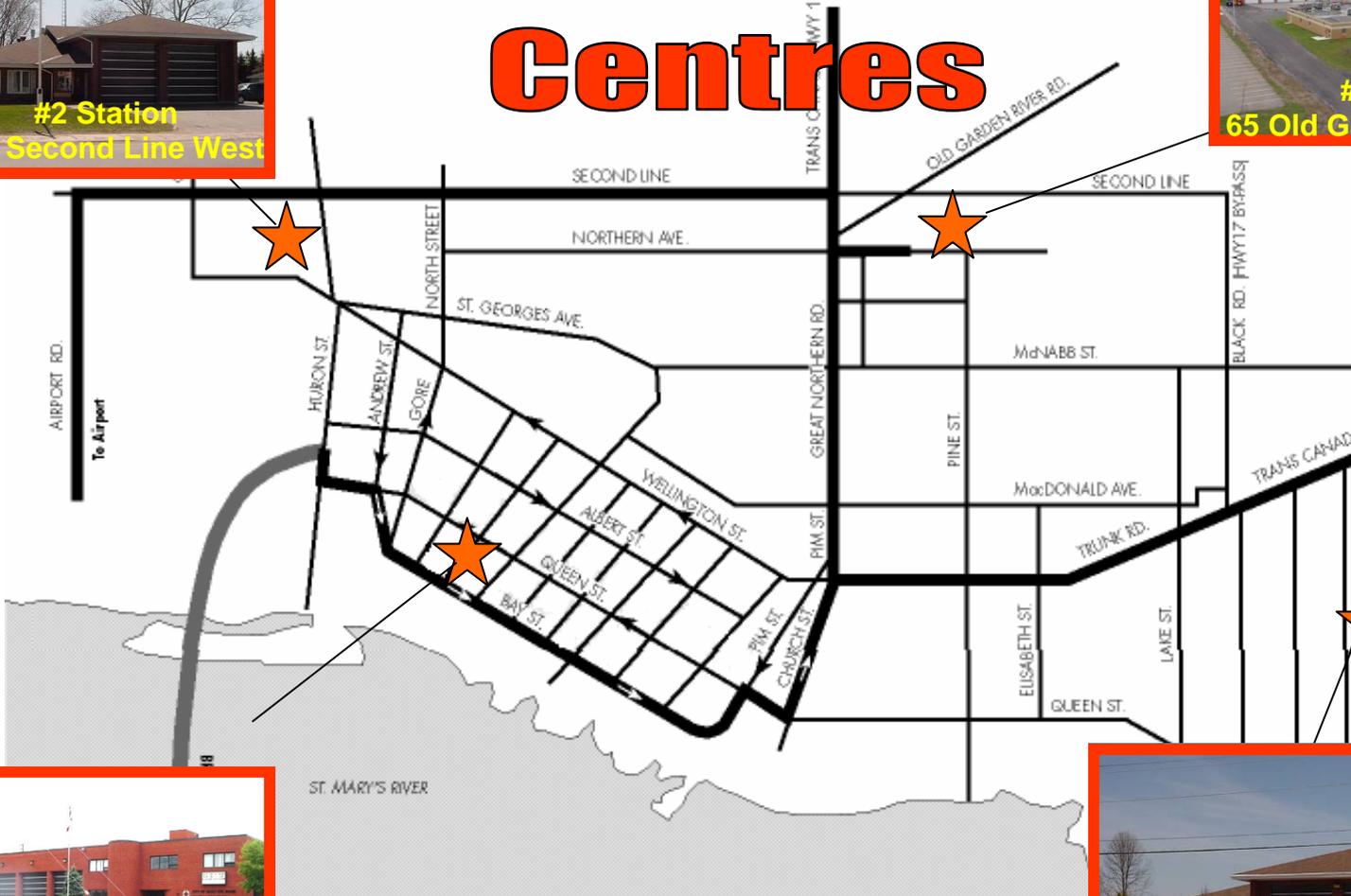
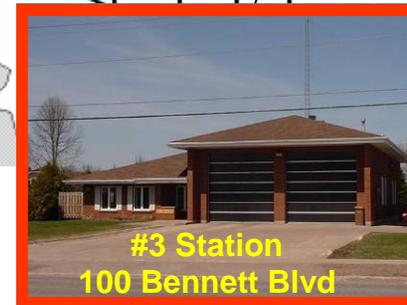
NAME	APPOINTED
SWEET, B	April 1, 2002
THORBURN, J	May 31, 2004
SADOWSKY, H.	Nov 30, 2009
ZANATTA, K.	Jan 5, 2010
HICKEY, M.	Feb 1, 2010

TOTAL COMPLEMENT OF PART TIME PERSONNEL = 5 (DECEMBER 2010)





# Fire Emergency Response Centres





# ALARMS ANSWERED FROM EACH STATION

Month	# 1 Station	# 2 Station	#3 Station	#4 Station
January	84	43	37	66
February	81	27	40	62
March	97	42	63	90
April	105	54	48	86
May	79	54	65	93
June	71	51	76	100
July	71	50	52	78
August	89	63	73	75
September	61	60	76	95
October	65	53	69	88
November	65	60	65	85
December	76	66	62	84
<b>Total</b>	<b>944</b>	<b>623</b>	<b>726</b>	<b>1,002</b>

## Out of City Alarms 2010

During the year, 22 alarms were answered to points outside the City.

RANKIN RESERVE - 14

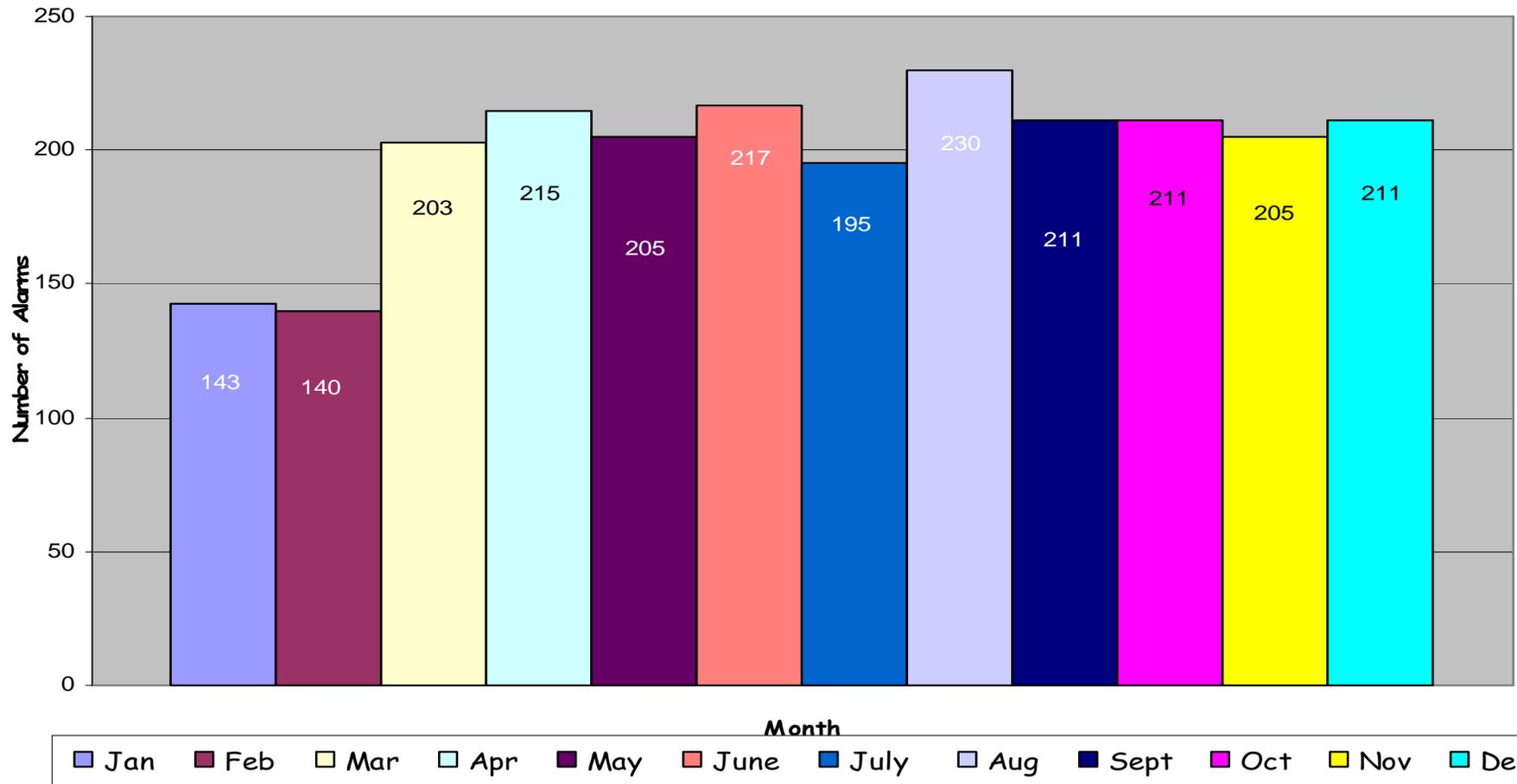
PRINCE TOWNSHIP - 3

AWERES - 5





# FIRE SUPPRESSION ALARMS 2010



Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
143	140	203	215	205	217	195	230	211	211	205	211

**TOTAL ALARMS ANSWERED = 2386**





# EMERGENCY MEDICAL SERVICES TOTAL RESPONSES

MONTH	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	PRIORITY 8	TOTAL
JANUARY	35	51	182	536	2	806
FEBRUARY	53	43	159	470	2	727
MARCH	54	49	163	521	3	790
APRIL	53	43	175	514	1	786
MAY	51	46	177	587	2	863
JUNE	72	48	180	516	2	818
JULY	64	31	214	561	2	872
AUGUST	56	58	197	639	0	950
SEPTEMBER	61	43	170	612	1	887
OCTOBER	71	52	214	544	2	883
NOVEMBER	67	48	199	458	1	773
DECEMBER	50	47	215	586	1	899
<b>TOTAL</b>	687	559	2245	6544	19	<b>10054</b>
<b>PERCENTAGE</b>	6.8%	5.6%	22.3%	65.1%	0.2%	

For 2010 there was an increase of 11% in the call volume for EMS responses, from 9028 in 2009 to 10054 this year. The increases were fairly even across all types of calls, and cannot be attributed to any particular reason. The important factor is that the communities need for ambulance services continues to be met.

- Priority 1** - Patient Transfer, deferrable call for up to 24 hours
- Priority 2** - Scheduled patient transfer
- Priority 3** - Prompt response, may be deferred for up to 10 minutes or in the event of a Priority 4 call
- Priority 4** - Urgent, immediate response required; lights and siren used
- Priority 8** - Stand by to possibly assist at Police or Fire scenes





## ANNUAL FIRE RECORD SINCE 1984

Year	Alarms	Population	Estimated Fire Loss	Per Capita Loss
1984	1,049	83,270	2,477,491.00	29.75
1985	982	81,718	1,914,796.00	23.43
1986	996	81,718	1,913,788.00	23.42
1987	1,057	80,900	1,458,363.00	18.03
1988	1,282	80,900	1,107,874.00	13.69
1989	1,330	81,808	2,019,929.41	24.69
1990	1,326	81,808	2,363,082.00	28.89
1991	1,443	79,366	1,448,528.00	18.25
1992	1,328	81,476	1,139,551.00	13.99
1993	1,402	81,406	3,057,914.00	37.56
1994	1,611	81,476	2,444,813.00	30.01
1995	1,842	81,340	1,788,171.00	21.98
1996	1,584	80,054	2,702,175.00	33.75
1997	2,551	80,054	2,490,849.00	31.11
1998	2,867	80,054	5,621,434.00	70.22
1999	2,527	80,054	2,502,572.00	31.26
2000	2,076	80,054	1,990,912.00	24.87
2001	2,011	74,413	2,001,121.00	26.89
2002	1,934	73,467	2,308,777.00	31.43
2003	1,969	72,744	1,536,383.00	21.12
2004	2,007	72,744	2,321,910.00	31.92
2005	2,220	72,744	2,219,093.00	30.51
2006	2,260	75,000	2,178,053.00	29.01
2007	2,410	75,000	4,268,630.00	56.91
2008	2,386	75,000	2,326,150.00	31.01
2009	2,320	74,948	3,523,320.00	47.01
2010	2,386	74,948	2,787,875.00	37.20

## ESTIMATED FIRE LOSS - CLASSIFICATION OF PROPERTY (2010)

DWELLINGS	\$1,036,620
APARTMENT BUILDINGS	\$883,500
GARAGES/SHEDS	\$237,000
COMMERCIAL	\$275,500
VEHICLES (cars, trucks, ...)	\$292,700
INDUSTRIAL	\$2,650
INSTITUTION	\$5
MISCELLANEOUS	\$59,900
<b>TOTAL</b>	<b>\$2,787,875</b>





# MAJOR FIRES + INCIDENTS IN SAULT STE. MARIE SINCE 1993

	DATE	INCIDENT	FIRE LOSS
1993	January 20	PAPER MILL - 75 Huron Street	1,200,000
	February 16	FURNITURE STORE - 773 Great Northern Road	535,000
1994	March 31	RESTAURANT - 82 Great Northern Road	360,000
	July 10	GLASS SHOP, OFFICES - 125 Queen Street East	467,000
1995	September 28	FIBREGLASS COMPANY - 128 Industrial Park Court	150,000
1996	February 8	DWELLING - 891 Fourth Line East	205,000
	August 28	G.P. FLAKEBOARD - Base Line	350,000
	September 28	ACCENT COSTUME RENTALS - 365-367 Wellington Street West	280,000
1997	August 27	MERCAPTAIN SPILL - Natural Gas Distribution Plant - Base Line	
	September 30	NATURAL GAS MAIN BREAK - McNabb Street	
	November 8	G.P. FLAKEBOARD EXPLOSION - Base Line	1,225,000
	December 28	REPEAT RENTALS - Railroad Avenue	250,000
1998	May 8	APARTMENT BUILDING - 43 Lewis Road	112,000
	September 20	COMMERCIAL BUILDING - 687 Trunk Road	3,000,000
1999	January 5	DWELLING - Queen Street East	370,000
	November 17	CARMEN'S SMALL ENGINES - Carpin Beach Road	400,000
2000	August 16	DWELLING - Pim Street	350,000
2001	May 20	MULTI-UNIT DWELLING - Queen Street East	155,250
	October 3	TRAIN DERAILMENT - Bruce & Wellington East	
2002	February 10	LAFRENIERE TRUCKING - 309 Fifth Line	638,500
	August 1	SOO MILL - 296 North Street	510,000
2003	June 14	MULTI-UNIT DWELLING - 441 Queen Street East	303,500
2004	February 10	DWELLING - 1167 Second Line West	275,000
2005	June 22	DWELLING - 70 Spruce Street	190,000
	August 12	NATURAL GAS - Second Line & Farwell Terrace	
	September 15	CHIP GRINDER - Owned by Rainone Construction	200,000
2006	April 16	SEWER OUTFLOW PIPE - 2269 Queen Street East	200,000
	December 20	RESTAURANT - 21 Trunk Road	635,000
2007	April 8	ESSAR ALGOMA STEEL - 105 West Street	1,200,000
		ESSAR ALGOMA STEEL - 105 West Street	500,000
2008	January 11	DWELLING - 151 Country Club Place	250,000
	March 14	DWELLING - 349 Second Avenue	336,000
2009	January 24	DETACHED GARAGE - 1409 Base Line	335,000
	June 13	DWELLING - 453 Town Line Road	360,000
	July 17	DETACHED GARAGE - 4 Labelle Avenue	265,000
2010	April 27	MULTI -VEHICLES - 131 Yates Avenue	150,000
	September 26	APARTMENT, FLAT & BUSINESS - 324 Queen Street East	268,000
	December 31	MULTI-UNIT DWELLING - 230 St. Andrew's Terrace	400,000





## NUMBER OF FIRES WITH A RECORDED FIRE LOSS

MONTH	NUMBER
JANUARY	8
FEBRUARY	5
MARCH	11
APRIL	17
MAY	13
JUNE	7
JULY	10
AUGUST	4
SEPTEMBER	3
OCTOBER	10
NOVEMBER	10
DECEMBER	5
<b>TOTAL</b>	<b>103</b>

THIS TABLE REPRESENTS FIRES RESPONDED TO BY FIRE SERVICES. THIS IS AN DECREASE OF 24 FIRES WITH A RECORDED FIRE LOSS WHEN COMPARED WITH 2009 STATISTICS

## TOTAL ESTIMATED FIRE LOSS IN SAULT STE. MARIE DURING 2010

MONTH 2010	BUILDING LOSS	CONTENTS LOSS	VEHICLE LOSS	TOTAL LOSS
JANUARY	307,000	150,500	2,000	459,500
FEBRUARY	12,250	250	2,000	14,500
MARCH	41,500	16,300	8,500	66,300
APRIL	370,800	170,200	151,000	692,000
MAY	6,200	0	1,500	7,700
JUNE	183,000	0	0	183,000
JULY	13,700	2,905	5,000	21,605
AUGUST	30,650	10,120	0	40,770
SEPTEMBER	221,000	54,000	0	275,000
OCTOBER	236,500	37,200	45,000	318,700
NOVEMBER	63,000	116,000	65,200	244,200
DECEMBER	264,000	200,600	0	464,600
<b>TOTAL</b>	<b>1,749,600</b>	<b>758,075</b>	<b>280,200</b>	<b>2,787,875</b>

THE TOTAL ESTIMATED FIRE LOSS WAS \$2,787,875 FOR THE YEAR 2010 IN THE CITY OF SAULT STE. MARIE WITH A PER CAPITA LOSS OF 37.20





# ESTIMATED LOSS/VALUE/SAVINGS TO BUILDINGS AND CONTENTS IN 2010

MONTH 2010	ESTIMATED FIRE LOSS	ESTIMATED VALUE	ESTIMATED SAVINGS
JANUARY	576,500	1,612,500	1,036,000
FEBRUARY	12,500	1,152,000	1,139,500
MARCH	57,800	991,000	933,200
APRIL	541,000	8,918,650	8,377,650
MAY	6,200	579,000	572,800
JUNE	183,000	788,500	605,500
JULY	16,605	4,063,500	4,046,895
AUGUST	40,770	678,500	637,730
SEPTEMBER	275,000	1,132,500	857,500
OCTOBER	273,700	891,950	618,250
NOVEMBER	179,000	1,225,800	1,046,800
DECEMBER	464,600	1,065,000	600,400
<b>TOTALS</b>	<b>\$2,626,675</b>	<b>\$23,098,900</b>	<b>\$20,472,225</b>





# CAUSES OF ALL FIRE SUPPRESSION RESPONSES DURING THE YEAR 2010

CAUSE	#	CAUSE	#
FALSE ALARMS - FAULTY ALARM SYSTEMS	198	MOTOR VEHICLES - NON-EMERGENCY	26
FALSE ALARMS - MALICIOUS	17	INCENDIARISM AND VANDALISM	30
FALSE ALARMS - GOOD INTENT	76	ARSON	12
FALSE ALARMS - ACCIDENTAL	305	HAZARDOUS MATERIALS	0
GRASS, BUSH, BRUSH & RUBBISH FIRES	309	MATCHES, LIGHTERS, CANDLES	21
CHIMNEYS	3	CIGARETTES	5
COURTESY CALLS (ASSIST POLICE, ETC)	91	ELECTRICAL	11
GASOLINE, OIL (SPILLS/LEAKS)	30	WATER PIPES BURST/LEAKING	8
PEOPLE TRAPPED (ELEVATORS, AUTOS)	25	NATURAL GAS LEAK	16
MOTORS (OVERHEATED, BURNOUTS)	28	PROPANE LEAKS	6
COOKING OILS, GREASE, FOOD IN STOVES	66	CARBON MONOXIDE	246
PEOPLE LOCKED IN/OUT OF BUILDINGS/APTS	18	MEDICAL CALLS	678
COMBUSTIBLES	2	WAER/ICE RESCUE	8
FURNACES, STOVES	1	RESCUES - OTHER	13
FIREPLACES (OVERHEATED, DEFECTIVE)	1	UNDETERMINED CAUSES	36
HOT ASHES	5	MISCELLANEOUS	32
MOTOR VEHICLES - EMERGENCY	63		
<b>TOTAL RESPONSES OF ALL TYPES = 2386</b>			

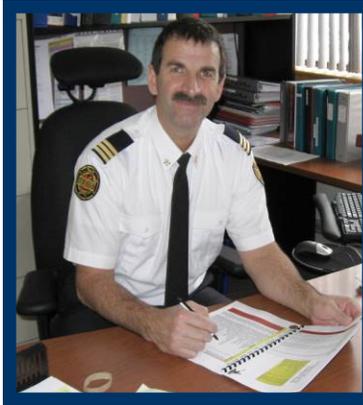


# Fire Suppression





## FIRE SUPPRESSION DIVISION



Sault Ste Marie Fire Services is one of only 28 full time fire services in the province of Ontario. A complement of 88 personnel within the Fire Suppression Division provides our community with fire protection services. Staffing levels vary from

17-22 personnel on duty per platoon depending on holiday assignments and sick leave.

Through the years, job functions of a career firefighter have evolved to include response to fires, ice/water rescue, vehicle extrication, confined space rescues, trench rescues, hazardous materials incidents, water based small craft fires/rescues and tiered medical response. Upon arrival at any given incident the primary response objectives of Fire Services are preservation of life safety, fire/incident control and property/environmental conservation. These response objectives enable our Fire Suppression personnel to have clear and consistent direction during any emergency incident.

The Assistant Fire Chief – Suppression is responsible for the daily operations of the Fire Suppres-

sion Division and also manages and coordinates all activities related to training. All four Platoon Chiefs manage the delivery of training on their respective platoons under the direction of the Assistant Fire Chief-Suppression.

During 2010 we had one of our Fire Suppression personnel leave the service. Rick Thomas retired on June 30<sup>th</sup> 2010 after serving the department for 31 years. Rick Thomas served as a Platoon Chief from November 01 2001 until his retirement. Fire Services hired a cadet in 2010 to bring the Suppression Division to a complement of 88 personnel. Robert Shaughnessy was hired July 12.

The promotional exam process for Fire Suppression personnel is delivered, monitored and evaluated through the office of the Assistant Fire Chief-Suppression. In 2010 ten personnel participated in the class promotional process, all were successful and promoted to their respective job class.

Other promotions within our Fire Services occurred with the retirement of Platoon Chief Rick Thomas; Joe May was promoted to Platoon Chief and Terry Barrett was promoted to Captain.

Fire Suppression crews continued their involvement in Fire Prevention initiatives by regularly conducting scheduled visits to various residential dwellings in our community.





In 2010 Suppression personnel continued with the 'Home Fire Safety Awareness' program that ran from May to September, providing the public with various handouts and general knowledge applicable to home fire safety. In addition, Suppression staff continued to assist the Fire Prevention Division with other Public Education Programs.

Fire Suppression Division will continue to focus on providing an effective and essential emergency service by maintaining and enhancing programs currently in place.

### **Training Activities**

Fire Suppression crews maintain their competencies under the direction of the Assistant Fire Chief – Suppression. Program development, management and documentation of all training related activities are monitored through the office of the Assistant Fire Chief-Suppression. Once the training schedule is developed Officers and Acting Officers are responsible to deliver the subject matter and attain the objectives. A wide range of firefighter competencies are reviewed as outlined by the yearly training schedule. In addition to regularly scheduled training, Platoon Chiefs are required to identify specific training needs among their respective platoons and ensure that these additional training objectives are met.

A total of 25,905 training hours were recorded in 2010 for our Fire Suppression staff. This marks an overall increase of 431 hours compared to 2009 and a 40% increase since 2005 in yearly training hours. The total training hours' statistic reflects a yearly average of 291 hours per individual spent on various competencies of a firefighter.

Sault Fire Services continued with the Technician Level Ice/Water Rescue Program launched in 2008. Four of our senior Officers (Wayne McDermid, Ron Henderson, Mirt Pinnell and Robert Hewitt) qualified as in-house instructors, capable of delivering this program to the remainder of our Fire Suppression personnel. All of our personnel have been trained to the Technician Level of Ice/Water Rescue response in accordance with NFPA standards. All of our associate instructors will require recertification in early 2011.

Ongoing core training program is delivered to our personnel through the Ontario Firefighter Curriculum. This curriculum was developed by the Office of the Fire Marshal (OFM) to train firefighters to a provincial standard and become certified as career firefighters by the International Fire Service Accreditation Congress (IFSAC) and the National Board on Fire Services Professional Qualifications (ProBoard).





In 2010 the OFM began revising this process. To date the OFM have not yet unveiled their certification process. All but 11 of our Fire Suppression personnel are currently IFSAC and ProBoard certified. Once the OFM rolls out the new program, the remainder of Suppression personnel will train to the standards set forth by the Provincial Committees.

The Firefighter Survival and Rescue program continued. In October of 2008, four members of our Fire Suppression Division (Chris Gillespie, Michael Dionisi, George Bumbacco and Stuart Cole) were evaluated and certified Associate Instructors through the Ontario Fire College. This course is relatively new in the fire service and has become one of the most highly sought after and significant training programs to come into our service in some time. We have a fully developed training facility at our Regional Emergency Services Complex to facilitate all the highly technical evolutions involved in the delivery of this program. All, except two recruits hired in 2010, completed the program by the end of the year. The program will remain in 2011 so personnel will continue to hone their skills and certify any new recruits. September 2010 saw four personnel become certified Confined Space Rescue Technicians through the Provincial Services Health and Safety Commis-

sion (PSHSC). The course took place at ESSAR Steel and ran for five days. Personnel now certified as Confined Space Technicians are: Damon Ferris, Mike Simon, Jeff Lajoie and George Bumbacco. These four technicians will develop a confined space program to be delivered to the rest of the suppression personnel during the spring/summer of 2011.

Suppression crews continued training, improving our response capabilities related to aircraft incidents at the local airport. All four platoons participated in live training exercises at the airport. It is expected that we will have all Fire Suppression personnel fully qualified to respond to aircraft incidents at the airport by 2011. Our training exercises at the Municipal Airport are conducted in accord with the SSM Airport Authority.

A valuable and often used resource for Fire Suppression crews is our inventory of pre-fire plans that are referenced at fire scenes. These plans are updated annually by Fire Suppression personnel to ensure the information is current. During 2010, 196 of our pre-fire plans were updated. This information is recorded in the data base of our computer-aided dispatch system located in our communication room at the main fire station.





Once a 9-1-1 call is received and an address entered, any preplan information for that address will be immediately accessed by our communication operator and relayed to the incident commander on scene. In addition, a number of new pre-fire plans were developed for recently built structures in our community (new SAH). This proves to be a valuable practice for our fire service as firefighters gain valuable knowledge in building construction, its contents and the occupancy.

Once again our Officers and Acting Officers are to be commended for the commitment and effort put forth collectively in training our Fire Suppression staff. I look forward to the challenges that lie ahead in sustaining our proficiencies in fire suppression techniques and, with the support of our fire suppression personnel we will continue to attain the goals and objectives established by Fire Services.

### **Highlights of Training Activities for 2010:**

#### **January – March**

- The Technician's Level Ice/Water Rescue Program was delivered by our four associate instructors, 98% of our fire suppression personnel were trained to the technician level.
- Three Acting Captains from our service at-

tended Prince Township for an OFC Company Officer course in March. An OFC instructor delivered the CO-401 Safety Officer Course. The significance of this event is that SSMFS is now adapting the CO Level 2 program provided by the OFC. Off campus instructors will deliver the majority of programs no longer offered at the OFC in Gravenhurst. Taking CO Level 2 courses closer to home will benefit the student.

- The first new Pumper Rescue truck was delivered in early 2010. A representative from SMEAL Company delivered a "hands on" Pumper Operator course to our personnel before the new truck was put in service.
- The Group Health Center provided an EAP counsellor to deliver four presentations to all personnel. Paul Apostolon, EAP Manager delivered a presentation informing our personnel of the variety of services available in the EAP program and how to access the EAP system with total confidentiality.
- Platoon Chief Bruce Lash attended a CBRNE meeting in Huntsville Ontario. The theme of the meeting was preparation for the G-8 summit that took place in Huntsville June 25 and 26, 2010.





## April – June

- Personnel of SSMFS participated in a WHMIS recertification program conducted by City Health and Safety Manager, Roy Dewar. Recertification was 90% completed by the end of the year.
- The second Rescue Pumper was delivered to SSMFS and put into service once personnel were trained on the new truck.
- Essar Steel hosted a seminar on handling Magnesium and Calcium Carbide. The day consisted of classroom sessions and controlled live fire training. Product was set on fire and extinguished by personnel using methods taught earlier in the classroom.
- Platoon Chief Bruce Lash represented SSMFS at a CBRNE partners meeting held in Huntsville in the beginning of June. The meeting was to prepare teams attending the G-8 Summit June 20<sup>th</sup> to the 27<sup>th</sup>. SSMFS sent a CBRNE decontamination team to the Summit In Huntsville, consisting of eight members from our service. The team's assignment was shared with the North Bay CBRNE team; both companies worked 12 hours and were off for 12 hours with SSMFS taking the night shift from 1800 hours to 0600 hours. Although the event in Huntsville remained peaceful the hours of preparation for the event was an invaluable experience. I would like to extend the de-

partment's gratitude to attending team members; Platoon Chief Bruce Lash, Captain Randy Richards, Firefighters Terry Barrett, Micheal Pagnucco, Chris Gillespie, Mike Simon Jeff Lajoie and Ray Zorzi.

## July – September

- In the summer months, platoons completed High-Rise training and Airport training. Scenarios for all platoons were created to simulate actual calls for both training events. Pumper operations were reviewed and conducted for personnel. Skills for pump operators such as relay and aerial pumping evolutions were set up and practiced.
- SSMFS merged with the International Bridge authority for a bridge rescue scenario. The exercise promoted the level of efficiency between both agencies should an event ever arise on the bridge. An injured bridge worker was packaged, secured and lowered to the ground. Although the event went well, scenarios between the two agencies will be carried out in the future to further improve our skills working together.
- Essar Steel hosted a confined space course where four of our personnel were trained to the technician's level. Public Services Health and Safety Association were the teaching agency for the week long course.





### **July – September cont'd**

SSMFS personnel who completed and passed the course have now designed a confined space course which will be delivered to all of the department's suppression members in 2011. The departments gratitude goes to the instructors for their efforts; Captain Damon Ferris, Firefighters Mike Simon, Jeff Lajoie and George Bumbacco

### **October – December**

- Fall and winter of 2010 proved to be productive training initiatives for SSMFS personnel. McDougall Fuel's corporate propane manager delivered a propane information seminar to all Suppression personnel. The review showed personnel how to safely cool and extinguish propane cylinder fires; where to locate shut off valves and how propane properties change as temperatures change.
- In November, two of our senior officers attended the Haz-Mat technician's level course at OFC. Platoon Chiefs Glen Coulter and Joe May successfully completed the course and received NFPA 472 Hazardous Materials Operations 2008 Certificate. SSMFS now has all four Platoon Chiefs qualified at the HAZ-MAT technicians' level.
- In December all four platoons participated in a tour of the ESSO bulk plant facility located in

SSM. The tour benefitted personnel by familiarizing them with the plant's operation and safety measures should a spill of the product take place.

- John Zaidan Superintendent of Transportation for CAMECO delivered an information seminar about CAMECO radio active product. Mr. Zaidan explained how often the product passes through our city and how the product is transported. Safety measures were learned from the seminar, the presentation was delivered to all four platoons.
- Auto extrication instructors from the SSMFS received hands on training provided from CODE 4 Company. Captains Terry Dubois and Damon Ferris, Firefighters Jim Beach and Stan Martynuck are the department instructors who were involved with the day long training. New extrication methods were learned and current methods reviewed. SSMFS would like to thank Andre's Auto Recycler for supplying the vehicles for the training exercise
- St. Johns' AED and CPR recertification course for all SSMFS personnel was taught by Associate Trainer Rick Pihlaja. Certificates were issued to all personnel that completed the course. The department would like to thank Rick for coming forward and delivering the training for all of our personnel.





In Summary Sault Ste. Marie Fire Services continues to provide a high quality of fire protection and rescue services to the citizens of Sault Ste. Marie, we deliver this service efficiently with minimal manpower. Going forward we will continue to be a progressive well trained essential service for the City of Sault Ste. Marie.

Frank Brescacin  
Assistant Fire Chief - Suppression Division





## ONTARIO FIRE COLLEGE

The Ontario Fire College is located in Gravenhurst, Ontario. It was established in 1949 as a training unit within the Office of the Fire Marshal and was the first residential fire college established in Canada. The Province of Ontario, through the Ministry of the Community Safety and Correctional Services, established the Ontario Fire College to provide education and training for members of fire services in the Province.

In 2010, the Ontario Fire College revamped the Company Officer Program. Level 1 and Level 2 certificate programs are delivered off-campus through associate instructors. Upon successful completion of the diploma level courses student-learners are awarded an OFC Company Officer Diploma.

### THE COMPANY OFFICER PROGRAM CONSISTS OF THE FOLLOWING COURSES:

#### Level 1

Legislation/Standards/Program Orientation  
Pre-Incident Planning  
Intro to Essentials of Incident Management

#### Level 2

Incident Management Theory & Size Up  
Advanced IMS Theory  
Incident Management Practice  
Specialized Rescue and Response  
Fire Scene Assessment

#### Diploma Level

Leadership & Communication Theory  
Practical Communications & Supervision  
Prevention and Inspections  
Principles of Adult Learning  
Application of Adult Education Principles

Training Administration & Program Planning  
Career Development  
Public Education  
Applied Administration/Supervision & Equipment Mtce.  
Comprehensive Review and Exam

### THE FIRE PREVENTION OFFICER PROGRAM CONSISTS OF THE FOLLOWING COURSES:

Legislation/Standards/Program Orientation  
Leadership and Communication Module  
Introductory Fire Prevention Module  
Fire Safety Plan Evaluation

Advanced Fire Prevention Module  
Adult and Public Education Module  
Fire Scene Assessment  
Comprehensive Review and Exam





## LEVEL 1 AND LEVEL 2 CERTIFICATE COURSES

<b>Rick Pihlaja</b>	Jan 25 - 27, 2010
	Mar 5 - 7, 2010
<b>Michael Pagnucco</b>	Feb 9 - 12, 2010
<b>Brian Kozack</b>	Mar 1 - 3, 2010
	Mar 4 - 5, 2010
<b>Stan Martynuck</b>	Mar 5 - 7, 2010
	(online) Apr 19 - Jun 18/10
<b>Jeff Lajoie</b>	Mar 5 - 7, 2010
<b>Scott Smith (online)</b>	Apr 19 - Jun 18/10

## COMPANY OFFICER DIPLOMA PROGRAM COURSES

<b>Jim Beach</b>	Correspondence
	Mar 17 - 19, 2010
	Nov 8 - 9, 2010
<b>Brian Campbell</b>	Feb 1 - 3, 2010
<b>Rod Fremlin</b>	Feb 17 - 19, 2010
	Feb 22 - 26, 2010
<b>Dave Peddle</b>	Feb 22 - 24, 2010
	Mar 24 - 26, 2010
<b>Terry Barrett</b>	Feb 22 - 24, 2010
	Mar 24 - 26, 2010
<b>Terry Schildroth</b>	Feb 22 - 24, 2010
	Nov 29-Dec 1 2010

## HAZ MAT TECHNICIAN COURSE

<b>Joe May</b>	May 17 - 21, 2010
	Nov 15 - 19, 2010
<b>Glen Coulter</b>	Nov 15 - 19, 2010

## PROFESSIONAL DEVELOPMENT

<b>Dan Crozier</b>	Mechanical Officers' Seminar
	April 26 - 30, 2010

## FIRE PREVENTION OFFICER DIPLOMA PROGRAM COURSES

<b>Paul Antonello</b>	F604	Correspondence
	FPO 800	Nov 8 - 20, 2010
<b>Carlo Provenzano</b>	FPO 502	Aug 16 - 20, 2010
	FPO 604	Correspondence





# PROVINCIAL MEDAL THE FIRE SERVICES LONG SERVICE MEDAL

The Government of Ontario enacted a regulation under the Provisions of Section 26 (1) of the Fire Marshal's Act, effective April, 1971, to award a medal to members of Municipal Fire Departments in Ontario who had completed thirty (30) or more years of service in recognition of their long and devoted service to the citizens of their communities.

Effective January 1, 1985, the Regulation under the Fire Marshal's Act respecting the Long Service Medal changed the years of service from 30 years to 25 years. Any person after serving a total of 25 years or more is eligible upon application to the Fire Marshal, to receive "The Fire Services Long Service Medal".

Investitures are held at the Ontario Fire College each year or at various locations throughout the Province and recipients of the award receive their medal at an investiture if they so desire, otherwise, the award is mailed to the member at their home.

## 25 YEAR FIRE SERVICES LONG SERVICE MEDAL

NAME	POSITION	YRS	NAME	POSITION	YRS
BARRETT, Terry	Captain	25	HEWITT, Rob	Captain	27
BRESCACIN, Frank	Asst Fire Chief	27	LANG, David	Platoon Chief	29
CIFERRI, Bart	Firefighter	25	MAY, Joseph	Platoon Chief	28
COULTER, Glen	Platoon Chief	28	PEDDLE, David	Captain	27
DUBOIS, Terry	Captain	27	PINNELL, Mirt	Captain	29
FERRIS, Damon	Captain	27	PROVENZANO, Marcel	Fire Chief	28
FREMLIN, Rod	Captain	27	ROBERTSON, Doug	Captain	25
GREGORINI, Tim	Firefighter	27	SWIFT, Brent	Captain	28

## 30 YEAR SERVICE BARS

AUTIO, S.	Captain	31	McDERMID, W.	Captain	30
BAILEY, D.	Captain	31	RICHARDS, R.	Captain	32
HENDERSON, R.	Captain	30	SPRING, D.	Captain	30
LASH, B.	Platoon Chief	32	WILTON, D.	Captain	31





# FEDERAL MEDAL

## THE FIRE SERVICES EXEMPLARY SERVICE MEDAL

In mid-1985, the Government of Canada accepted the proposal for the creation of a service medal for all full-time and volunteer members of the numerous components of Canada's Fire Service. Regulations paralleling those of other Exemplary Service Medals were drafted and a proposed design for the medal submitted to representatives of the Fire Service. Once approved, the regulations and design were forwarded to the Sovereign with Cabinet's recommendations. Her Majesty The Queen signed Letters Patent creating the Fire Services Exemplary Service Medal on August 29, 1985.

The design of the Medal incorporates crossed axes, a hydrant, and a stylized Maltese Cross, an internationally recognized symbol of the fire prevention community. Both are superimposed on a maple leaf, the standard background symbol of Canadian honours. The red of the ribbon represents fire; the gold, common to all Exemplary Service Medals, represents the quality of service honoured.

### 20 YEAR SERVICES EXEMPLARY MEDAL

Barrett, T.	Fremlin, R.	Pagnucco, M.
Beach, J.	Gillespie, C.	Peddle, D.
Brescacin, F.	Gregorini, T.	Pihlaja, R.
Bumbacco, G.	Grigg, D.	Pinnell, M.
Campbell, B.	Hewitt, R.	Provenzano, M.
Cheeseman, J.	Kozack, B.	Roberston, D.
Carmichael, T.	Lajoie, J.	St. Jules, J.
Ciferri, B.	Lang, D.	Schildroth, T.
Coulter, G.	Martynuck, S.	Simon, M.
Dionisi, M.	May, J.	Smith, S.
DuBois, T.	McDermid, W.	Swift, B.
Ferris, D.		

### 30 YEAR FIRST BAR

AUTIO, Stephen
BAILEY, David
HENDERSON, Ronald
LASH, Bruce
McDERMID, Wayne
RICHARDS, Randy
SPRING, David
WILTON, Douglas



# Emergency Medical



# Services



# EMERGENCY MEDICAL SERVICES DIVISION

## Who is EMS



The EMS division of Fire Services is responsible for the provision of ambulance services to the City and surrounding communities. There is one Manager and one Manger of Quality Assurance both new to their particular roles due to retirement early in 2010. The paramedics consist of 32 full time staff and 5 part time staff, all equally qualified to work in pairs and provide patient care in alternating driving and attending roles.

All our paramedics including the management team, must maintain annual certification in various medical directives in order to provide one of the best primary levels of care in the province. In addition to continuous training, many of the paramedics take on the role of preceptor to new paramedic students. Students must complete on-the-job experience observing and working with a certified paramedic to complete their college requirements.

Based out of our Regional Emergency Services Complex, three crews work 12 hour shifts, days

and nights, to provide 24 hour coverage to both the city and surrounding areas north to approximately half way to Wawa. The fleet of available ambulances and equipment makes sure all crews have everything they need to provide uninterrupted service to our citizens.

In 2010 we had the first full year of operations at the Garden River First Nation base, which opened half way through Dec 2009. This base is staffed by one of our crews 12 hours a day providing emergency services to the eastern portion of our coverage area as far as the Bar River area. As with any ambulance in the province, they can be dispatched by the Ministry of Health dispatch center to anywhere they are needed. A grand opening in April of 2010 celebrated the co-operative effort it took for this base to become a reality in the Garden River community.

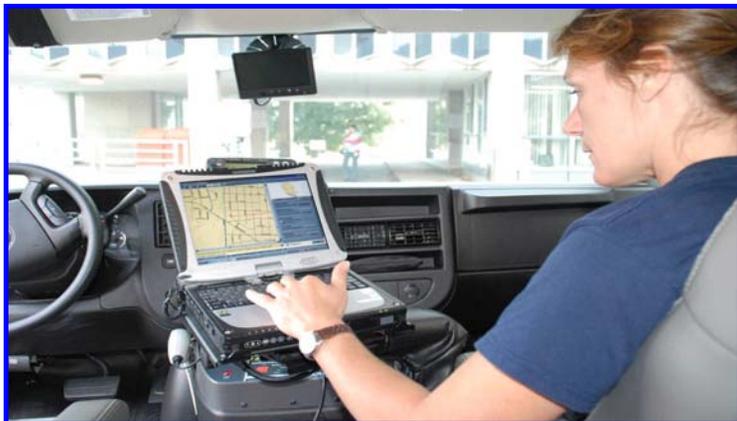




# WHAT IS NEW IN EMS

## Electronic Reporting Expanded

In 2010 the EMS division expanded on the previous year's introduction of electronic patient charting. The introduction of electronic Ambulance Call Evaluations (ACEs) was a major step forward in efficiency and productivity for the Quality Assurance (QA) program. With over 10,000 calls in 2010 the number of audits to be completed has surpassed what is practical using paper formats. Using this tool an auditor can complete reviews of patient care charts and provide instant feedback to the paramedics. The feedback can be in the form of a simple "job well done" to meeting request, dependant on the findings and the follow up required. Other parties involved in the QA process can be copied in on the responses back and forth and participate in the correction or remedial actions needed to satisfy the Ministry of Health documentation and patient care standards.



## Base Hospital Program

Our Base Hospital is one of the important components of the QA process. The paramedics of Sault Ste Marie are certified to perform advanced skills by the Sudbury based Northeastern Ontario Pre-hospital Care Program (NEOPCP). We are fortunate to have a satellite office here in Sault Ste. Marie as this program is responsible for the paramedics from James Bay south to Parry Sound and from Hornepayne east to the Quebec border and a reliance of "on-line" contact is now the way of their business. Paramedics carry out their daily activities very independent of direct supervision but in extraordinary circumstances they can speak directly with a base hospital physician for consultation or direction 24/7 via their radio system.

The process of remaining certified to deliver the advanced skills required to work in Sault Ste Marie is a combination of learning and evaluation for which each paramedic is responsible. The paramedic can attend arranged lectures in person or "live on the internet". Once a year a formal evaluation takes place in classroom and on-line. Through this continuing medical education and based on a points system they must meet a set standard each year to be certified.





# PARAMEDIC PROTOCOLS

## Delivering the best

As the certifying body for our paramedics NEOPCP ensures paramedics are able to safely carry out advanced medical directives. Their monitoring and audit processes focus on the Advanced Life Support standards. Their medical directives include the use of the various medications and equipment to relieve symptoms of serious medical conditions and life threatening emergencies.

Through the cooperative effort of our DSSAB board, the paramedics, the Union, and the Base Hospital, the advanced protocols available locally have expanded over the years to the point that our service is a leader in primary care delivery.

Some of those added advanced tools the paramedics use to diagnose and treat patients are: 12 Lead ECGs, CPAP devices, intravenous access and various medications that can be administered to help our patients. The table indicates how many times last year one or more of these potentially life saving procedures was administered.

ADVANCED LIFE SUPPORT SKILL USED	# OF PATIENTS TREATED
RESPIRATORY DISTRESS treated with Salbutamol (Ventolin)	191
INTRAVENOUS ACCESS for fluid or for medication administration	1651
SEVERE NAUSEA or VOMITING treated with Gravol injection	284
CARDIAC EMERGENCIES treated with ASA and Nitroglycerin	503
DIABETIC EMERGENCIES treated with Dextrose, Glucagon or Glucose	180
ANAPHYLATIC EMERGENCIES treated with Epinephrine	5
ASSESSING FOR ACTIVE "HEART ATTACKS" using 12 LEAD ECG	704
SEVERE RESPIRATORY DISTRESS treated with CPAP	48





## EMS EXEMPLARY MEDAL

As part of the Canadian Honours Programme, the Governor General provides Exemplary Service Medals for EMS professionals. Eligible candidates are members of the pre-hospital emergency medical service who have served a minimum of twenty years in a meritorious manner. This program recognizes professionals who have performed their duties in an exemplary manner, characterized by the highest standards of good conduct and competency including community service, volunteerism or committee involvement. To qualify, at least ten years of these twenty must have been at street level duty involving potential risk to the recipient. The application for an award must be submitted on the person's behalf, not themselves and is reviewed by a provincial and federal board before acceptance.

In 2010 we had one recipient, Thomas Shannon who receive his additional 10 year bar, for a total of 30 years of recognized exemplary service. We also added three new 20 year recipients, Jeffrey King, Mary King and Robert Rushworth to the growing list within our service.

### **20 Year Recipients as of 2010:**

*David Stotesbury (40 years)*  
*Tom Shannon (30years)*  
*Nancie Scott*  
*Paul Hendrie*  
*Brenda Hilderley*  
*Brian Haines*  
*Mary King*  
*Jeffrey King*  
*Robert Rushworth*  
*David Stokes (ret. 2010)*





## EMS PUBLIC EDUCATION

In 2010, our service continued with the "My Medication List" program as well as being involved with Risk Watch and the PARTY program - Preventing Alcohol and Risk Related Trauma in Youth.

Paramedics visit schools and conduct presentations to demonstrate what a paramedic does. These visits help allay the fears of the younger children and may draw the older ones on to an interesting career path.

EMS continues to participate in KIDZ Summer Festival every June to show the youngest members of our community an ambulance in a fun and not so scary way.

Several paramedics volunteered again this year to ensure a fully decorated ambulance joined in the Santa Claus parade festivities.



Through these volunteer activities paramedics continue to make our city safer and more aware of the services available to all its citizens.



# PARTY

PREVENT ALCOHOL AND RISK RELATED TRAUMA IN YOUTH



# Fire Prevention & Public Education





# PUBLIC EDUCATION + PREVENTION



In 2010, the Prevention Division once again met and exceeded the minimum Provincial requirements, as set out by the legislation. The Prevention Division remains proactive in new and innovative education campaigns,

directly addressing problematic areas revealed in the Simplified Risk Assessment. Along with education opportunities, the Division remains diligent in routinely inspecting all building stock within the City ensuring owners are compliant with the Ontario Fire Code. Year after year the Simplified Risk Assessment indicates Class C – Residential occupancies require the most attention. The importance of working smoke alarms in this area cannot be understated. Through various programs, mainly Fire Services annual smoke alarm program, we have increased the number of code compliant homes, concerning working smoke alarms to above the 90<sup>th</sup> percentile.



## PUBLIC EDUCATION PROGRAMS

In 2010 the Prevention Division continued to educate the public through various programs. The seniors home inspections, group tours held at the main fire hall and burn permit applications have all proven to be good venues for engaging the public to discuss fire safety. As in the past, the division provided numerous lectures to various groups ranging from daycare to senior citizens. Utilizing many forms of media, including our newest tool, the Internet, has given us additional access to reaching the 'hard to reach' clients.

Taking advantage of the air waves by partnering with Sault Ste. Marie Michigan Fire Service provided additional resources that addressed similar concerns on both sides of the border. After speaking with senior officers in Sault, Michigan we all agreed this partnership will continue well into the future. In 2010 the Prevention Division continued to provide educational messages in newsprint, pamphlets and on columns in the Essar Centre. Overall we have managed to find new and innovative





ways to get the message out and maintain the existing ones.

Sadly, in 2010 Fire Services lost a very valuable member of the Fire Prevention team. His name was Bobby Strom. Bobby was a local man that never let his challenges stop him from assisting the Prevention Division in promoting fire safety. He willingly attended all of our events and never missed an opportunity to promote Fire Safety messages in the community. Bobby will be missed by our division and all members of Sault Ste. Marie Fire Services. He will forever be remembered as "Fire Services - Chief Volunteer".



"The heart of a volunteer is not measured in size, but by the depth of the commitment to make a difference in the lives of others".

## **STATION TOURS**

During the past year, 44 group tours were conducted at various fire stations. These supervised

groups of children were from organizations such as Beavers, Cubs, Boy Scouts, Brownies, Girl Guides, various classes from elementary schools and various groups from city playgrounds, nursery schools and church groups.

FILMS	35
LECTURES	230
DEMONSTRATIONS	87
FIRE DRILLS	50
SCHOOL PRESENTATIONS	199

## **IN-SERVICE RESIDENTIAL FIRE SAFETY AWARENESS CAMPAIGN**

Similar to previous campaigns, the 2010 In-Service campaign involved Suppression crews visiting homeowners door to door. The program is performed throughout the spring and summer months in the evenings, three days a week. Fire Suppression crews engage homeowners in discussions regarding home fire safety. Testing and maintaining smoke alarms, fire escape plans and the C.O. By-law were a few of the items discussed. Pamphlet information was provided to the homeowner with a "Self Checklist" designed to assist the owner in recognizing and mitigating common household fire hazards. The pamphlet also contained information regarding Fire Services zero tolerance policy on Smoke Alarms.





## **SCHOOL PROGRAM**

Fire Services recognizes our most effective public education initiative is the annual elementary school program. Educating children from JK through to Grade 4 allows the Prevention Division to teach young, impressionable children the basics of remaining safe from fire. Over the past several years we have also taken the opportunity to make contact with the Grade 8 classes and discuss their role as young adults in fire safety.

In 2010, the Fire Prevention Division presented the “Get Out Alive” program to our local kindergarten through Grade 3 elementary school children. Approximately 30-40 minutes is spent with each grade level presenting an interactive scenario. Fire Prevention officers walked the students through a potential scenario utilizing a pretend house, illustrated on a painted roll out mat. One student sounds a smoke alarm and other “sleeping” students are instructed to crawl low under smoke and gather at their predetermined meeting place. They are then instructed to proceed to a neighbour’s house, where a call is made to Fire Services via an internal 911 phone system. A communication officer sends “Squirt” the fire truck with two students dressed in child size fire fighter gear ready to assist as required.

The scenario is repeated several times with each student having an opportunity to participate. This program is very well received by the students and has proven to be a valuable teaching asset when covering topics such as , the need to develop, implement and practice a home escape plan, the im-



portance of having a meeting place, the dangers of smoke and how to contact emergency services utilizing 911. A question and answer period follows to reinforce the topics covered.

In addition to the “Fire Triangle” Grade 8 classes were shown a video entitled “No Time To Spare”, depicting typical fire progression in a home which enforces the importance of both working smoke alarms and home escape planning. Over the months of January to May the Prevention Division managed to educate over 3,000 students.

During the 2010 school program we continued encouraged the students to log onto the “Kids Zone” areas of the City web page. Once logged on, children can access many interactive fire safety games.





## INSPECTION

The Fire Prevention Division is mandated under the Fire Protection and Prevention Act to provide inspection services for any request and/or complaint. To remain proactive, the Prevention Division routinely performs general inspections in industrial, institutional, care and detention, assembly, mercantile, business and personal service occupancies to ensure these buildings are compliant with the Ontario Fire Code so they remain safe to inhabit. Adopting the “zero” tolerance approach has proven to be a monumental task with more routine inspections proceeding to Provincial Offences Court. The Prevention Division follows the recommended Ontario Fire Marshal guideline ‘OFM-TG-01-2000’ for fire safety enforcement. The guideline employs a ‘3 strike’ rule which is the accepted standard in the Province. An initial inspection is performed and a detailed inspection report provided to the owner with a date for compliance. Generally if violations are not corrected, the owner is allotted a reasonable extension and must commit to us a ‘letter of intent’ with a compliance date. If the work is still not complete, the matter proceeds to the Legal Department for prosecution.



BUILDING INSPECTIONS	480
RETROFIT INSPECTIONS	27
RESIDENTIAL SMOKE ALARM INSPECTIONS	831
COMPLAINTS	105
GENERAL INFORMATION	195
MISCELLANEOUS	23
FLOW TESTS	3
FIRE ALARM TESTS	17
BUILDING RE-CHECK INSPECTIONS	388
RETROFIT RE-CHECK INSPECTIONS	35
FIRE & EXPLOSION INVESTIGATIONS	98
VANDALISM & ARSON INVESTIGATIONS	0
BURNING PERMITS RENEWED	2009
BURNING PERMIT INSPECTIONS	786
<b>TOTAL</b>	<b>4,997</b>

### **CORPORATION OF THE CITY OF S.S.MARIE 2010 User Fee & Service Charges By-Law—Schedule “E” July 1, 2010**



PROPERTY FILE SEARCH	\$67.80
PROPERTY RESALE INSPECTION	\$118.65
DAYCARE LICENSING	\$118.65
FIRE EXTINGUISHER TRAINING	\$118.65

**All Fees Include HST**





## **OTHER SERVICES**

In addition to inspections, public education and fire investigations to determine origin and cause, the Fire Prevention Division provides other valuable services. Services ranging from the review of Committee of Adjustment letters, Special Occasion Permit reviews, plus Barrister file searches to Street and Lane Closures must also be approved by this division. The following table indicates the break down for 2010.

STATION TOURS	44
BUILDING/SITE PLANS REVIEWED	8
PLANNING DEPARTMENT REVIEWED	28
COMMITTEE OF ADJUSTMENT REVIEWED	98
SPECIAL OCCASION REVIEWED	28
BARRISTER FILE SEARCHES	16
LANE/STREET CLOSURE REVIEWED	13
NOTICE OF VIOLATIONS/LEGAL	37
PROVINCIAL OFFENCES	8
SMOKE ALARM TICKETS	10
FIRE SAFETY PLANS	73
FIRE SITE PRE-PLANS	167
PUBLIC RELATIONS	96



## **RISK WATCH COALITION**

In 2009 the Risk watch coalition realized their goal of implementing the Risk Watch curricu-

lum in all Algoma District School Board's ( 21 ) and Huron Superior Catholic School Boards' (14) schools for a total of 35 schools in all.

The Risk Watch committee remained active on program sustainability for 2010. Incentives were offered for teachers to work through the resources with their students.

All the elementary Schools in Sault Ste. Marie are trained in the use of the program with the exception of the two French speaking schools. Continued efforts were made to arrange for program implementation in those schools during the 2010 school year.

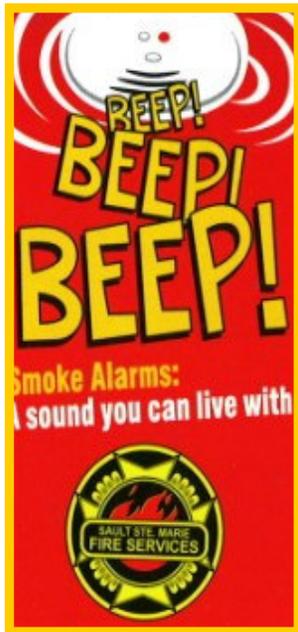
The Risk Watch coalition continues to receive monetary support from Sault Ste. Marie Fire Services, Sault Ste. Marie Police Service, Safe Community Partnership and Arthur Funeral Home.



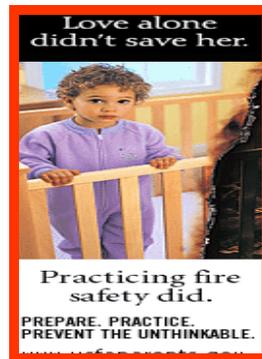


## FIRE PREVENTION WEEK (OCT 4-10th)

"SMOKE ALARMS: A SOUND YOU CAN LIVE WITH" was the theme for the 2010 Fire Prevention Week. Over the week of October 4<sup>th</sup> through to the 10<sup>th</sup>, Fire Services partnered with Home Depot locations across the Province to promote this theme. Fire Prevention Officers engaged customers as they entered and exited the store. Pamphlet material was dispersed and there were discussions regarding smoke alarms, home fire safety and the importance of carbon monoxide alarms.

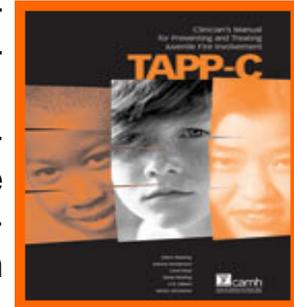


Over the course of this week, 100's of positive contacts were made. Home depot reported banner sales of smoke alarms, 9 volt batteries and carbon monoxide alarms during this week.



## THE ARSON PREVENTION PROGRAM FOR CHILDREN (TAPP-C)

The TAPP-C program is a cooperative effort between the Canadian Association of Mental Health (C.A.M.H.), Algoma Family Services and the Sault Ste. Marie Fire Services, Prevention Division. The intent of this program is to ensure young fire setters between the ages of 2 and 17 receive education pertaining to the dangers of fire play and setting fires. Participants are also assessed and receive direction by mental health professionals. During 2010 the Prevention Division realized a drastic increase in TAPP-C referrals specifically for the fire safety educational component of the TAPP-C program. This increase is due in part to Fire Services contacting Criminal Court offices as well as the Parole Board of Ontario, to offer this program as part of rehabilitation to young offenders charged with setting fires. Although it is difficult to measure the success of this program, the Fire Prevention Division has received many positive comments from the families of the individuals involved.



**TAPP-C**

**JUVENILE FIRESETTERS PROGRAM**





# OCCUPANCY CATEGORIES FOR BUILDING INSPECTIONS DURING 2010

APARTMENTS	145	GROUP HOMES/HOMES FOR AGED	53
BANKS	1	HOSPITALS/CLINICS	6
BARS/TAVERNS	3	HOTELS/MOTELS	24
BARBER/BEAUTY SHOPS	2	INDUSTRIAL	26
CHURCHES	3	LUMBER	1
COMMUNITY HALLS	8	MISCELLANEOUS BUILDINGS	12
CONFECTIONARY	1	NURSING HOMES	1
DAYCARE - ASSEMBLY	1	OFFICES	21
DAYCARE - RESIDENTIAL	11	PRINTING	1
DWELLING	27	RESTAURANTS	23
FURNITURE/HARDWARE STORES	1	RINKS/ARENAS	5
GARAGE/AUTO BODY	9	SCHOOLS	36
GROCERY/MARKETS/MEATS	1	STORES	58

**TOTAL = 480**

- .
- .
- .



# Community Involvement



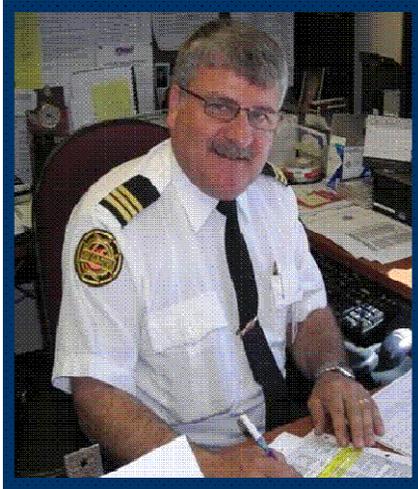
# SUPPORT



# SERVICES



# SUPPORT SERVICES DIVISION



## COMMUNICATION

Recruits begin their careers as cadets and work as Communications Operators in the Communication Room of Fire Services. Support Services Division provides initial training on all facets of the Communications

Room, including operation of the CriSys Dispatch System, the Municipal Fire Alarm Monitoring System, the HazMat computer as well as radio and telephone procedures.

One new recruit was hired in 2010 and trained as a Communications Operator.

To maintain their communication operator skills, all firefighters receive annual training on the functions and duties of the dispatch room.

## MUNICIPAL FIRE ALARM MONITORING

Support Services staff oversee operation of the Municipal Fire Alarm Monitoring System, including installation and maintenance of alarm modules for subscribers, 24-hour monitoring, pre-fire planning and data entry for the computer-aided

dispatch system. There are presently 158 subscribers connected to the Municipal Fire Alarm Monitoring System. Due to changing legislation, continuation of this service will be reviewed in 2011.

## CRISYS DISPATCH SYSTEM

The CriSys computer-aided dispatch and records management system is being used proficiently by all divisions within the department.

The annual User Group Seminar held in Toronto was cancelled in 2010 due to the G20 Summit. Training and program development information will be reinstated in 2011 and two administrators are scheduled to attend. The audio logger system was replaced with a digital system supplied by Crisys and integrates very well with the CAD. This system is continuously updated per our

maintenance and hardware agreement with CriSys.





# MECHANICAL

## OCCUPATIONAL HEALTH & SAFETY

The Support Services Division is also responsible for ensuring fire vehicles, SCBA and cylinders, cascade systems, fire extinguishers, ground ladders and aerials are tested per NFPA guidelines and ULC regulations. Some of these tests include air quality testing of the cascades, hydrostatic testing of all SCBA cylinders and fire extinguishers. Other testing involves non-destructive testing of aerial and ground ladders as well as pump flow capacity ratings on all units with a fire pump.





## **FIRE STATIONS**

Maintenance of four fire stations is part of Support Services' responsibility. There were some major renovations in 2010. An exhaust extraction system was installed in the main hall in accordance with the Corporate Strategic Plan. Exhaust extraction systems for #2 and #3 fire stations are scheduled to be installed in 2011 to complete the Health & Safety plan. The roof at the RESC had some repairs for leaks and recommendations to replace the entire roof are being investigated.

## **VEHICLES AND EQUIPMENT**

Support Services staff is responsible for all repairs to Fire Services' vehicles and all Fire Suppression tools and equipment. Regular maintenance, as well as annual mechanical safety inspections required on all units over 3/4 ton were completed in 2010. Support Services work with third party companies to conduct annual pump flow testing as well as ground and aerial ladder testing per NFPA guidelines. Two replacement pump/rescue trucks were delivered in 2010. All firefighters and mechanics received training before the trucks were put in service. A replacement boat trailer was purchased to replace a homebuilt trailer that did not meet current MTO Standards. Our mechanics continue to service and repair patrol vehicles in

the Police Service fleet as well as our Ambulance fleet.

## **TRAINING**

Support Services Division is responsible for renewing "DZ" & "F" endorsement licenses of all department drivers. This consists of administering tests and maintaining detailed Ministry of



Transportation records for annual review. Other aspects of training and qualifying new drivers on pumpers and aerial operations are done in conjunction with the Platoon Chiefs.

Dan Crozier attended the Mechanical Officers' Seminar held in Gravenhurst, Ontario. Bill Wallace attended a course at the Spartan factory. These seminars prove to be beneficial as new products and technology are discussed along with maintenance procedure upgrades for various Fire and EMS equipment. Other technical seminars for mechanics are held in house during the year.





2010