

Sault Ste. Marie Fire Services 2011 Annual Report



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Mission Statement

**“ Committed to the protection of
Life, Property and the
Environment within our
community in a responsible and
caring manner. ”**



Fire Chief's Report



Once again it is my pleasure to provide the City and citizens of our community with Fire Services' 2011 Annual Report. The report contained herein summarizes the extensive operational activities and related statistical data for 2011, and includes divisional reports from Fire Suppression, Emergency Medical Services (EMS), Fire Prevention and Public Education, and Support Services.

During 2011, the City hired a fulltime Community Emergency Management Coordinator, Lauren Perry, to take over the responsibilities previously held by Sergeant Lee Campbell of the local Police Service. I want to thank Sergeant Campbell for her many years of exemplary service as the Emergency Management Coordinator. Lauren will now be tasked with the duties inherent with that position to ensure emergency preparedness in accordance with the Emergency Management and Civil Protection Act.

One of the departmental Key Results Areas for 2011 was to develop and implement a succession planning strategy to offset future retirements. With an aging demographic profile in our workplace, Fire Services undertook two recruitment campaigns in 2011 which replenished our Firefighter and Paramedic reserve lists. I want to acknowledge and thank the Human Resources Department for their assistance in this process.

In April of 2011, the Ministry of Health and Long Term Care conducted their regularly scheduled service review. As a result of that assessment our service was found to be substantively compliant with the Ambulance Act and applicable Regulations, and have since extended our Land Ambulance Operator's Certificate for another three years.



Fire Chief's Report

The year's activities also involved negotiating new Collective Agreements with the Firefighters and Paramedics. Through the collective bargaining process that took place for both groups, two Memorandums of Settlements were signed extending the existing contracts into 2014. As a result of the freely negotiated contracts operational efficiencies were realized and implemented. I commend both groups for their efforts in bargaining in good faith and achieving a successful outcome.

In the workplace, Fire Services continues to take proactive measures towards 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. To further advance this policy, Senior Management continues to promote a healthy work environment within our department by scheduling regular team building meetings and exercises.

Without a strong and united team in place working together towards a common goal, it would be difficult to move forward and achieve the type of progress we have experienced over the past few years. I thank and commend Fire Services' personnel for their constant effort and commitment towards the City and citizens of our community, as it is through these efforts that we can ensure the very best in emergency services deliverables to our community.

Fire Services will further our commitment towards having a fire safe and emergency prepared community through enhanced marketing and public education campaigns.



Fire Chief's Report

Our Departmental Key Results Areas and status for 2011 are as follows;

- Attain "Target Zero" for workplace accidents and injuries **(some progress)**
- Attain "Target Zero" for fire related losses **(some progress)**
- Maintain a healthy and positive work environment **(achieved)**
- Reduce our carbon footprint **(achieved)**
- Develop and implement succession planning strategy including Firefighter recruitment and promotional mentoring **(achieved)**
- Recertification of EMS operator's license **(achieved)**

In closing, I would like to thank Mayor Debbie Amaroso, members of City Council, Chief Administrative Officer Joe Fratesi and all City staff for their continued support towards our department.

A handwritten signature in black ink, appearing to read "M. Provenzano".

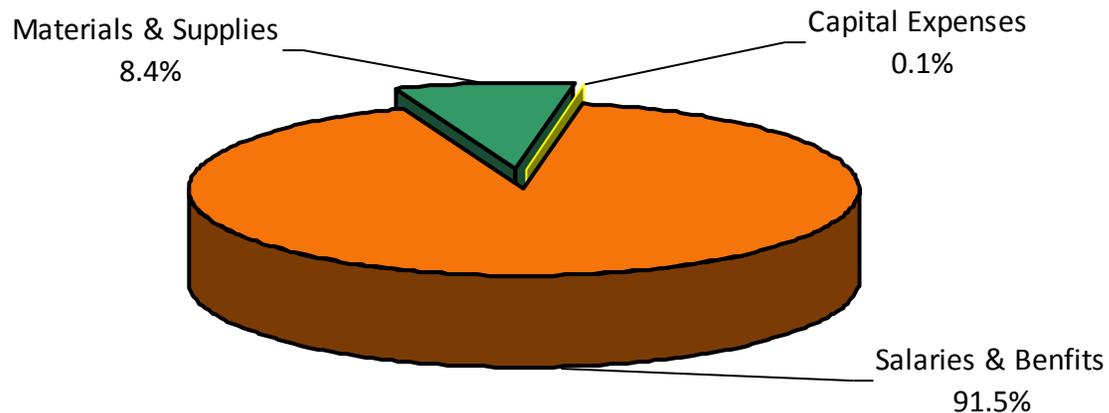
Marcel Provenzano
Fire Chief



Fire Chief's Report

2011 Approved Budget

2011 Approved Budget	Fire	EMS - RESC	EMS - Garden River	Total	%
Salaries and Benefits	\$11,612,670	\$3,358,405	\$610,275	\$15,581,350	91.5%
Materials and Supplies	\$909,840	\$392,310	\$117,170	\$1,419,320	8.4%
Capital expense	\$20,685		\$1,200	\$21,885	0.1%
Total	\$12,543,195	\$3,750,715	\$728,645	\$17,022,555	100.0%
Percentage	73.7%	22.0%	4.3%		

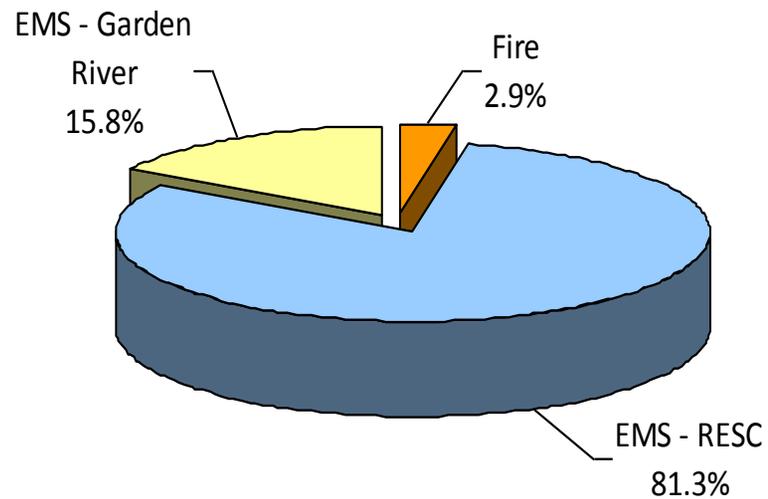




Fire Chief's Report

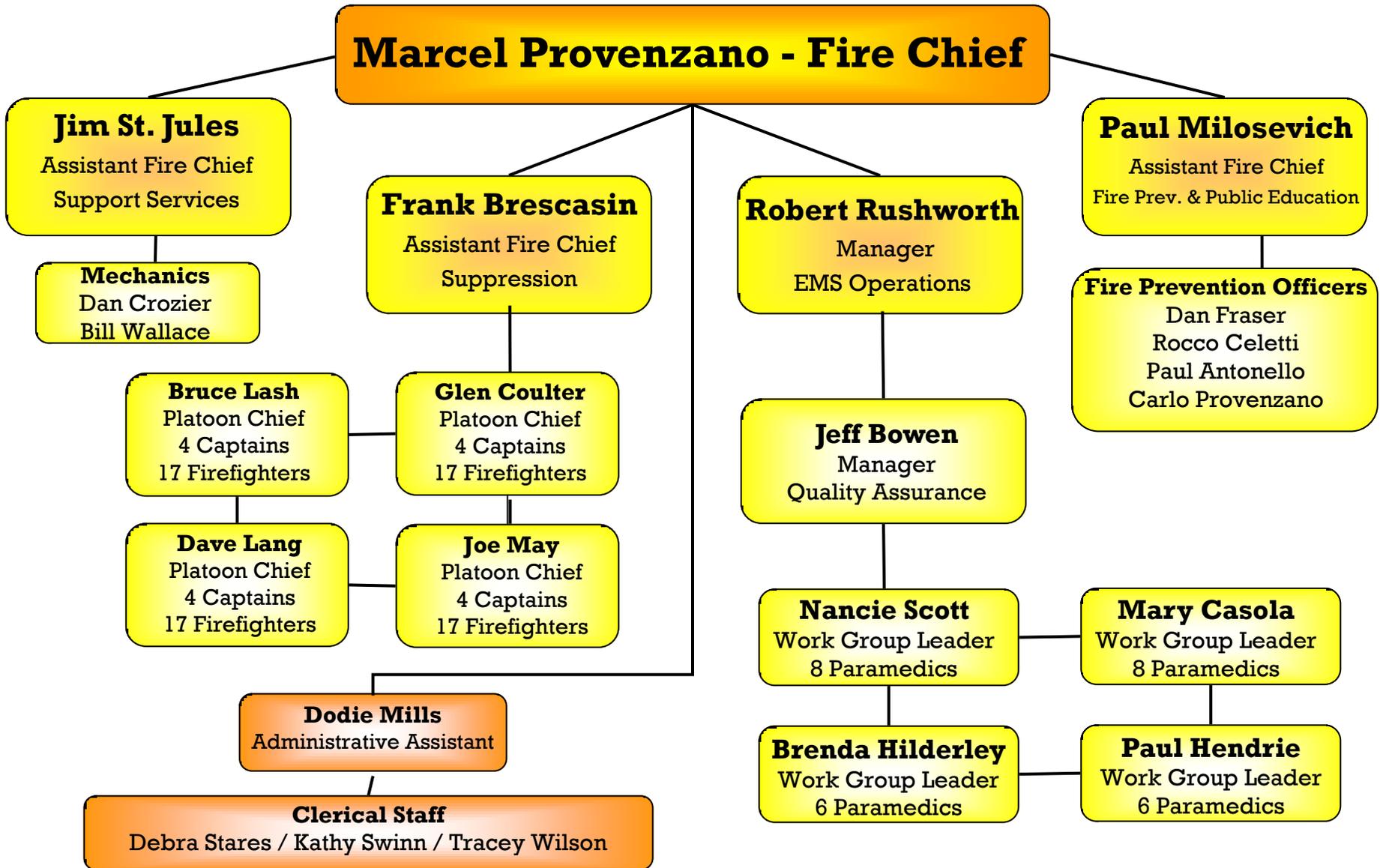
2011 Revenue

Revenue	Budget	Percentage
Fire	\$134,905.00	2.9%
EMS - RESC	\$3,750,715.00	81.3%
EMS - Garden River Station	\$728,645.00	15.8%
Total	\$4,614,265.00	100%





Sault Ste. Marie Fire Services Organizational Chart





Sault Ste. Marie Fire Services

Personnel Listings - Fire Divisions

NAME	APPOINTED TO DEPT.
LASH, B.	May 30, 1978
RICHARDS, R.	May 30, 1978
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
ROBERTSON, D.	January 2, 1985
BARRETT, T.	January 2, 1985

NAME	APPOINTED TO DEPT.
SCHILDROTH, T.	September 2, 1986
CAMPBELL, B.	September 2, 1986
BEACH, J.	September 2, 1986
KOZACK, B.	September 2, 1986
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

NAME	APPOINTED TO DEPT.
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
McGRATH, M.	March 29, 1993
FRASER, D.	May 17, 1993
GOULD, J.	May 17, 1993
DUROCHER, M.	March 7, 1994
KENOPIK, 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



Sault Ste. Marie Fire Services

Personnel Listings - Fire Divisions

NAME	APPOINTED TO DEPT.
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

NAME	APPOINTED TO DEPT.
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
KOCHANOWSKI, D.	October 11, 2011
CROZIER, M.	December 12, 2011

Total Complement - 101



Sault Ste. Marie Fire Services

Personnel Listings - EMS

NAME	APPOINTED
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
CASOLA, 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
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

NAME	APPOINTED
CULINA, D.	Nov 23, 2003
LANGEVIN, D.	June 16, 2003
BOWEN, J.	Aug 18, 2003
HAINES, B.	July 25, 2005
THOMAS, J	Jan 31, 2006
ONOFRIO, T.	May 23, 2006
VAN HORNE, K.	Dec 15, 2009
NORRIS, J.	Dec 15, 2009
RIBIC, K.	Dec 19, 2009
BABONY, J.	Dec 15, 2009
SADOWSKY, H.	Nov 30, 2009
ZANATTA, K.	Jan 5, 2010
CESKAUSKAS, J.	Feb 1, 2010

Part Time

NAME	APPOINTED
SWEET, B	April 1, 2002
THORBURN, J	May 31, 2004
HICKEY, M.	Feb 1, 2010
STRACHAN, J	March 16, 2011
SOLOMON, K.	March 16, 2011
CAPANIONI, R.	March 16, 2011
CAIN, T.	June 22, 2011



Emergency Response Centers

1) Station 1

72 Tancred Street



2) Station 2

363 Second Line W.



3) Station 3

100 Bennett Blvd.



4) Station 4

65 Old Garden River Road



5) EMS

Garden River





Alarms Answered from Each Station

Dispatch and Response Report

Month 2011	# 1 Station	#2 Station	#3 Station	#4 Station
January	70	60	54	82
February	56	45	62	64
March	59	48	44	66
April	66	63	51	74
May	85	70	79	87
June	104	79	78	86
July	92	79	68	84
August	95	63	79	87
September	73	57	65	89
October	74	61	65	90
November	57	56	39	75
December	56	45	54	74
Total	887	726	738	958

Out of City Alarms 2011

During the year, 21 alarms were answered to points outside the City:

Rankin Reserve: 18

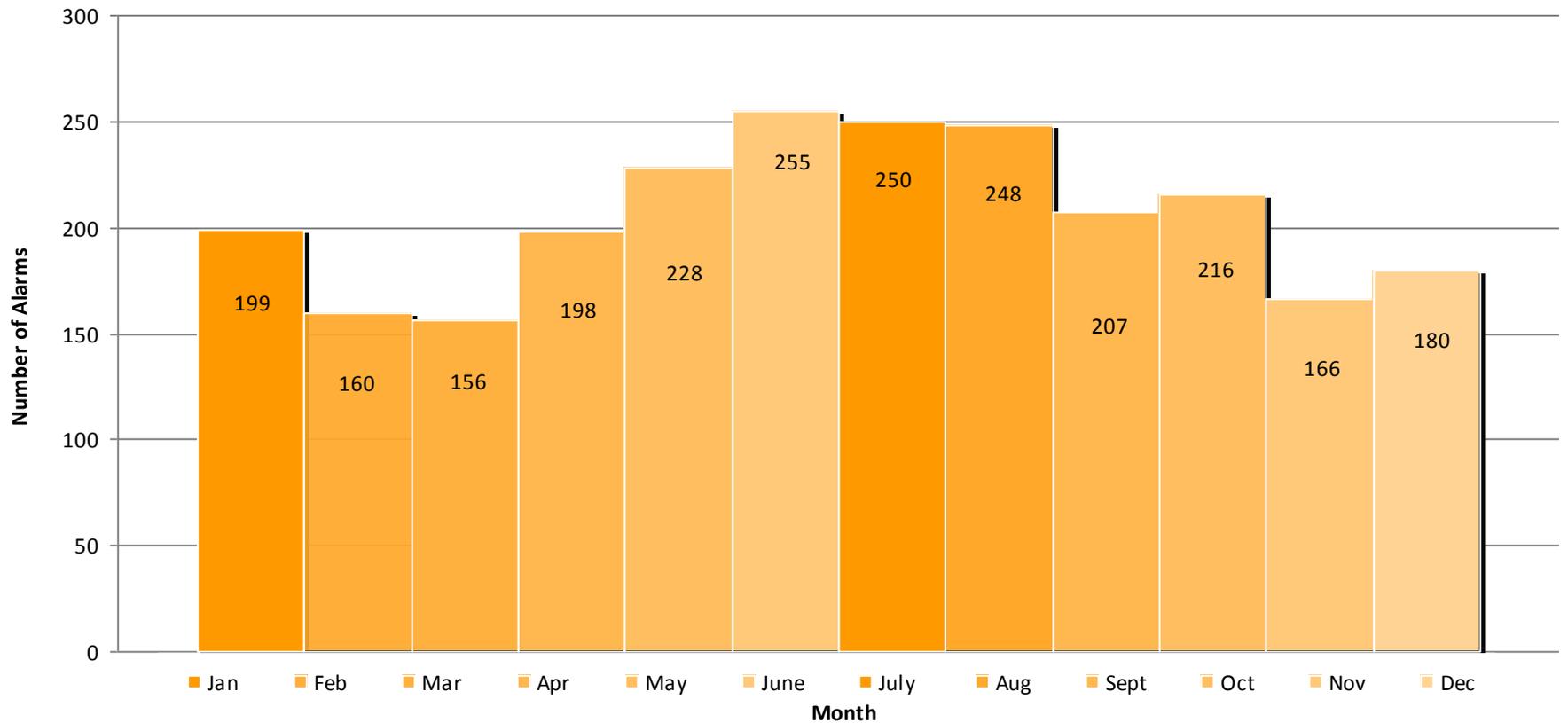
Prince Township: 2

MacDonald, Meredith and Aberdeeneen: 1



Fire Suppression Alarms 2011

Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
199	160	156	198	228	255	250	248	207	216	166	180



Total Alarms Answered: 2,463



Emergency Medical Services' Responses

Total Responses

MONTH	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	PRIORITY 8	TOTAL
JANUARY	59	44	186	602	3	894
FEBRUARY	59	36	172	560	2	829
MARCH	70	39	170	585	1	865
APRIL	54	33	179	589	3	864
MAY	70	51	246	572	3	924
JUNE	64	46	200	599	2	916
JULY	52	47	197	616	1	912
AUGUST	71	50	251	613	1	983
SEPTEMBER	50	31	202	592	1	877
OCTOBER	71	33	208	630	0	942
NOVEMBER	64	36	193	558	0	851
DECEMBER	60	34	189	604	0	887
TOTAL	744	480	2,396	7,120	17	10,744
PERCENTAGE	7%	4%	22%	66%	1%	

The statistics above represent a 7% increase over the previous year's call volume and a 19% increase over 2009 numbers. These increases continue to be consistent for all call types, no one type of call accounts for the increase. It is a simple fact there is a growing work load each year for the EMS Division

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 1985

Year	Alarms	Population	Estimated Fire Loss	Per Capita Loss
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
2011	2,463	75,300	3,284,260.00	43.61

Estimated Loss - Classification of Property

Type	Loss
DWELLINGS	\$789,950
APARTMENT BUILDINGS	\$801,300
GARAGES/SHEDS	\$35,000
COMMERCIAL	\$270,000
VEHICLES (cars, trucks, ...)	\$384,750
INDUSTRIAL	\$278,800
EDUCATIONAL	\$10,000
ASSEMBLY	\$617,000
MISCELLANEOUS	\$97,460
TOTAL	\$3,284,260



Major Fire Incidents in Sault Ste. Marie

DATE	INCIDENT	FIRE LOSS
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

DATE	INCIDENT	FIRE LOSS
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
 April 8	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
2011 May 19	MULTI-UNIT DWELLING - 606 Wellington Street East	140,000
 July 18	MULTI-UNIT DWELLING - 120 Andrew Street	250,000
 August 30	COURT FACILITY - 426 Queen Street East	615,000



2011 Sault Ste. Marie Fire Statistics

Number of Fires with Recorded Fire Loss

MONTH	NUMBER
JANUARY	8
FEBRUARY	6
MARCH	10
APRIL	12
MAY	18
JUNE	13
JULY	10
AUGUST	9
SEPTEMBER	4
OCTOBER	11
NOVEMBER	7
DECEMBER	5
TOTAL	113

Total Estimated Fire Loss in Sault Ste. Marie

MONTH 2011	BUILDING LOSS	CONTENTS LOSS	VEHICLE LOSS	TOTAL LOSS
JANUARY	183,250	58,000	2,000	243,250
FEBRUARY	71,100	187,300	1,500	259,900
MARCH	47,960	0	67,000	114,960
APRIL	30,000	23,000	17,700	70,700
MAY	498,500	69,000	101,400	668,900
JUNE	306,200	27,500	14,600	348,300
JULY	167,800	121,700	8,250	297,750
AUGUST	583,700	105,100	15,000	703,800
SEPTEMBER	4,700	0	100,000	104,700
OCTOBER	218,100	500	5,000	223,600
NOVEMBER	101,000	16,100	52,000	169,100
DECEMBER	73,900	5,100	300	79,300
TOTAL	2,286,210	613,300	384,750	3,284,260

This table represents fires responded to by fire services. This is an increase of 10 fires with a recorded fire loss when compared with 2010 statistics.



2011 Sault Ste. Marie Fire Statistics

Estimated Loss/Value/Savings to Buildings and Contents

MONTH 2011	ESTIMATED FIRE LOSS	ESTIMATED VALUE	ESTIMATED SAVINGS
JANUARY	241,250	2,534,000	2,292,750
FEBRUARY	258,400	13,044,000	12,785,600
MARCH	47,960	683,960	636,000
APRIL	53,000	1,551,000	1,498,000
MAY	567,500	2,759,000	2,191,500
JUNE	333,700	5,768,100	5,434,400
JULY	289,500	981,100	691,600
AUGUST	688,800	8,127,600	7,438,800
SEPTEMBER	4,700	707,500	702,800
OCTOBER	218,600	1,170,100	951,500
NOVEMBER	117,100	819,500	702,400
DECEMBER	79,000	490,000	411,000
TOTALS	\$2,899,510	\$38,635,860	\$35,736,350



2011 Sault Ste. Marie Fire Statistics

Causes of Fire Suppression Responses

CAUSE	#	CAUSE	#
FALSE ALARMS - FAULTY ALARM SYSTEMS	197	MOTOR VEHICLES - NON-EMERGENCY	21
FALSE ALARMS - MALICIOUS	25	INCENDIARISM AND VANDALISM	33
FALSE ALARMS - GOOD INTENT	95	ARSON	17
FALSE ALARMS - ACCIDENTAL	292	HAZARDOUS MATERIALS	1
GRASS, BUSH, BRUSH & RUBBER FIRES	225	MATCHES, LIGHTERS, CANDLES	11
CHIMNEYS	5	CIGARETTES	9
COURTESY CALLS (ASSIST POLICE, ETC)	132	ELECTRICAL	22
GASOLINE, OIL (SPILLS/LEAKS)	26	WATER PIPES BURST/LEAKING	10
PEOPLE TRAPPED (ELEVATORS, AUTOS)	17	NATURAL GAS LEAK	31
MOTORS (OVERHEATED, BURNOUTS)	17	PROPANE LEAKS	3
COOKING OILS, GREASE, FOOD IN STOVES	61	CARBON MONOXIDE	225
PEOPLE LOCKED IN/OUT OF BUILDINGS/APTS	24	MEDICAL CALLS	799
COMBUSTIBLES	3	WATER/ICE RESCUE	4
FURNACES, STOVES	0	RESCUES - OTHER	15
FIREPLACES (OVERHEATED, DEFECTIVE)	3	UNDETERMINED CAUSES	27
HOT ASHES	2	MISCELLANEOUS	56
MOTOR VEHICLES - EMERGENCY	55		
TOTAL RESPONSES OF ALL TYPES = 2,463			

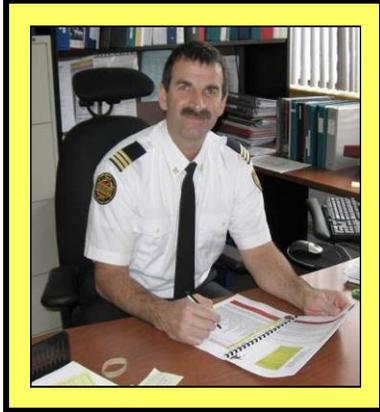


Sault Ste. Marie Fire Services

Fire Suppression Division



Fire Suppression Division Report



The Sault Ste. Marie Fire Suppression Division is one of only 28 full time fire services in the province of Ontario. A total 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 the 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, airport emergencies 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 Suppression Division. This includes attendance management, promoting health and wellness, arranging guest speakers, and also managing and coordinating all training activities. All four Platoon Chiefs facilitate the delivery of training on their respective Platoons, under the direction of the Assistant Fire Chief-Suppression.



Fire Suppression Division Report

During 2011 Sault Ste. Marie Fire Services (SSMFS) retired three of our Fire Suppression personnel leaving our service with a void of 87 years of experience. Captain Steve Autio retired on September 30th 2011, after having served the department for 32 years 4 months. Firefighter Bart Ciferri retired November 30th 2011 after 26 years 10 months of service. Captain Rod Fremlin retired December 31st 2011 after 28 years of service.

SSMFS is grateful for the years of dedication and loyalty provided by the three employees and hope they enjoy many active years of retirement.

Three new recruits were hired to replace the retirees. David Kochanowski was hired on October 11th 2011, Marty Crozier was hired December 12th 2011 and Graeme Pateman was hired January 9th 2012.

Two of our personnel were also promoted to the rank of Captain as a result of two Captains' retirement. Terry Schildroth with 25 years of service was promoted to full Captain in October 2011 and Brian Campbell also with 25 years of service was promoted to full Captain in January of 2012.

Going forward SSMFS has developed a succession plan to replace personnel who are eligible to retire over the next four to five years. This included a recruitment drive in the spring/summer of 2011. Over 220 potential recruits applied; during the weeks that followed an extensive hiring process was implemented to condense the number to a list of 22 recruits. SSMFS will likely exhaust the new recruit list by the end of 2014 creating a need for another recruitment drive possibly by the spring of 2014.



Fire Suppression Division Report

SSMFS requires a promotional exam process for all suppression personnel which is delivered, monitored and evaluated through the office of the Assistant Fire Chief-Suppression. In 2011 a total of eight personnel participated in class promotional process. All of the personnel that participated in the process were successful and as a result were promoted to their respective job class.

Our Fire Suppression crews also continued with their involvement in Fire Prevention initiatives, by conducting regularly scheduled visits to various residential establishments in our community. In 2011, our Fire Suppression personnel continued with the 'Home Fire Safety Awareness' program. The program ran from May to September. Fire Suppression personnel provided the public with various hand outs and general knowledge applicable to Home Fire Safety Awareness. In addition, suppression staff also continued to assist the Fire Prevention Division with other Public Education Programs.

The Fire Suppression Division will continue to stay focused on providing the residents of our community with an effective and essential emergency service by maintaining and enhancing the programs currently in place.





Fire Suppression Division Report

Training

Fire Suppression crews maintain their competencies on an ongoing basis, under the direction of the Assistant Fire Chief – Suppression. The program development, management and documentation of all training related activities are monitored through the office of the Assistant Fire Chief-Suppression.

Once the yearly training schedule is developed by the Assistant Fire Chief - Suppression, Platoon Chiefs, Officers and Acting Officers are responsible to deliver the subject matter and attain the objectives set out for the year. 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 document all of their personnel's training hours, identify specific training needs for their respective Platoons and ensure that these additional training objectives are achieved.

A total of 25,427 training hours were recorded in 2011 for our Fire Suppression staff. This marks an overall decrease of 478 hours over 2010 but a 31% increase since 2006 in yearly training hours. The total training hours' statistic reflects a yearly average of 282 hours per individual spent training in various firefighter competencies.

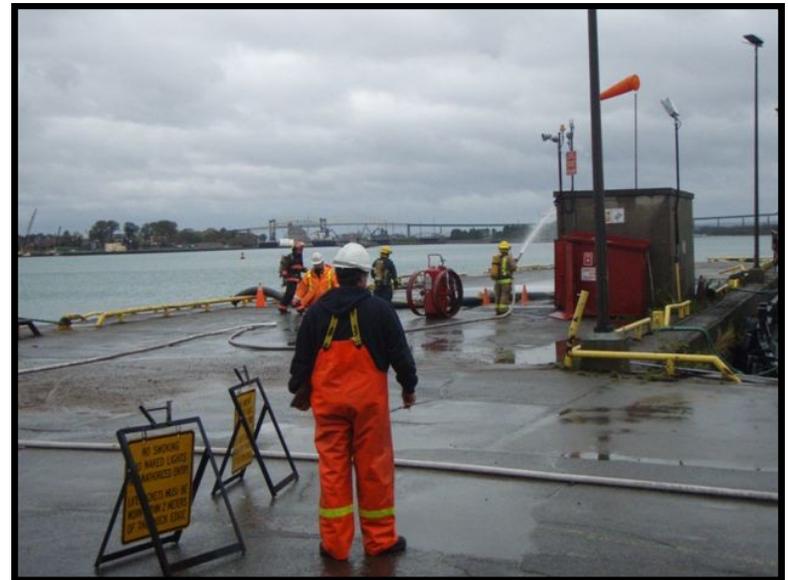


Fire Suppression Division Report

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) became qualified as in house instructors acquiring the capabilities to deliver 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 since early in 2010. Furthermore all four Associate Instructors were recertified in early 2011 by The Advanced Rescue Techniques School of Canada.

An ongoing core training program is delivered to our personnel through the Ontario Firefighter Curriculum. The curriculum was developed by the Office of the Fire Marshal 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 (Ontario Fire Marshal) began revising the firefighters' recertification process. While scheduled to be made public in early 2011, at the time of writing the OFM has not yet unveiled their certification process. All of our Fire Suppression personnel are currently IFSAC and ProBoard certified or are working towards achieving their certification.





Fire Suppression Division Report

The Firefighter Survival and Rescue program continues to be delivered to our Fire Suppression personnel. In October of 2008, four members of our Fire Suppression Division (Chris Gillespie, Michael Dionisi, George Bumbacco, and Stuart Cole) were assessed and became officially certified as Associate Instructors, through the Ontario Fire College. This course is essential to all fire suppression personnel throughout the province of Ontario, making it one of the most highly sought after and significant training programs in the fire service. SSMFS established a training facility at our Regional Emergency Services' Center (RESC) to permit suppression personnel to exercise all the highly technical evolutions involved. All Fire Suppression personnel are required to complete the program annually. The program continued to evolve in 2011 enabling personnel to hone and maintain their skills.

September 2010 saw four of our personnel become certified Confined Space Rescue Technicians through the Provincial Services Health and Safety Commission (PSHSC). The course took place at ESSAR Steel and ran for five days. Personnel now certified Confined Space Technicians are as follows: Damon Ferris, Mike Simon, Jeff Lajoie and George Bumbacco. These four technicians developed a confined space program that was delivered to suppression personnel during the spring/summer of 2011.

Throughout the year Fire Suppression crews continued training and improving our response capabilities related to aircraft incidents. During the 2011 calendar year all four platoons participated in live simulated training exercises at the municipal airport fulfilled in conjunction with staff of the SSM Airport. SSMFS expects to have all suppression personnel qualified to respond to incidents at the municipal airport. All of our training exercises at the Municipal Airport are done under the supervision of the SSM Airport Authority.



Fire Suppression Division Report

Highlights of Training Activities January - March

- The Technician's Level Ice/Water Rescue Program was delivered by the department's Associate Instructors. 97% of our fire suppression personnel were trained to the Ice Water Rescue Technician Level. Suppression personnel used the marina at Bellevue Park to develop shore based rescue techniques and to sharpen their water based rescue procedure.
- Eight Acting Captains from SSMFS were sent to the Ontario Fire College (OFC) Company Officer program. Courses taken by acting officers are necessary to achieve a Company Officer Level 2 diploma; all of our acting captains must complete the CO level 2 program before they become a full time officer.
- Off campus courses are at times delivered to fire departments by OFC associate instructors. SSMFS in the past has taken advantage of OFC associate instructor programs and will continue to do so whenever available.
- All of our Suppression staff was recertified in CPR First Aid and Automated External Defibrillator (AED) using the St. John's Ambulance protocol. CPR First Aid certificates are renewed every three years and AED recertification is done annually.
- Robin Kerr from VICARS provided a Critical Incident Stress (CIS) information session for SSMFS personnel. The session included how to recognize signs of CIS and what to do in the event a co-worker is showing CIS symptoms. The session was vital for our troops to properly recognize and address CIS indicators.



Fire Suppression Division Report

April - May

- 2011 saw SSMFS continue to build their Health and Wellness program by having guest speakers entertain suppression personnel on subjects of their expertise. One of those speakers was personal trainer Sandi Piccolo from Good Life Fitness. Sandi provided suppression personnel with various exercise routines specific to maintaining healthy core and back which is critical to our profession. Sandi also included her views on nutrition, the benefits of setting personal goals (weight loss fitness achievements) and how to incorporate a personal trainer to reach those goals.
- Great Lakes Power representative Janis Gartshore arranged a lecture regarding electrical substations for our suppression's personnel. Electrical Safety Authority (ESA) Inspector Alex Brodie was one of the guest speakers who spoke on the hazards within a substation; how to approach a substation fire and who should be contacted for any substation incident. Tours through an actual substation were arranged, which helped our crews familiarize themselves with the physical layout of a substation.
- Solar Farms in Sault Ste. Marie have developed at an alarming rate. Fire Services personnel took part in touring solar farms throughout our city and established preplans to better prepare themselves in case of a fire or emergency response.
- John Judson of Q Cell Solar Farms organized and facilitated the tours. Mr. Judson, a valuable resource, made suppression personnel aware of any hazards and provided information on how to safely minimize incidents.



Fire Suppression Division Report





Fire Suppression Division Report

April - May

- Shell Canada partners with SSMFS for an annual exercise. The purpose of the exercise was to determine the capabilities and level of response of both agencies.
- A HAZMAT incident at Shell Canada Tank Farm involving a railcar leaking fuel was simulated. Fire crews and Shell Canada personnel worked in conjunction to bring the leak under control run through decon protocols and make the environment safe for the public.

June - September

- ESSAR Steel hosted a seminar on handling Magnesium and Calcium Carbide. Training consisted of classroom sessions and controlled live fire training. Product was set on fire in a controlled environment and extinguished by personnel using methods learned earlier in the classroom session.
- Sault Ste. Marie Airport Response procedures are exercised annually to ensure that the necessary skills needed to respond to an airport situation is rehearsed and co-ordinated between suppression personnel and airport staff. Communication between the control tower and ground response is critical in order to minimize any collateral damage that an aircraft disaster may cause. JD AERO TECHNICAL invites SSMFS to train on DASH 8 aircraft. Crews trained on gaining entry via the plane's main and emergency doors. Immobilizing techniques; blocking wheels; eliminating and power sources were discussed and demonstrated.



Fire Suppression Division Report

June - September

- In the summer months, platoons completed High-Rise training. Scenarios for platoons were created to simulate actual calls to high-rise buildings. Aerial operations were tested for their effectiveness in rescuing patrons and deploying suppression personnel onto high-rise roof tops and balconies. Pumper operations were also reviewed and conducted for personnel to remain current. Skills for pump operators such as relay and aerial pumping evolutions were set up and practiced.
- OPP Forensic Unit presented radiation (RAD) training in Sault Ste. Marie for the OPP Detachment. SSMFS was invited to participate as observers of the session that involved using detection monitors to locate sources of radiation. Crews were taught RAD theory and various monitoring techniques. The training proved to be valuable for suppression personnel because the monitors used were similar to the detection monitors in our CBRNE cache.

October - December

- The City of SSM obtained a new EAP provider by the name of Ceridian. The agency set up some information workshops for SSMFS to advise our personnel exactly how their services work and what they can provide. Ceridian offers a wide variety of amenities from personal counseling to helping families relocate.



Fire Suppression Division Report

October - December

- Children's Aid Society representative Laura Flynn offered an information session to SSMFS called "A Duty to Report". Fire Services personnel on occasion are exposed to situations where the well-being of a minor may be in jeopardy. The session trained our personnel to recognize levels of abuse and what steps to take to protect the child's interest. Although the training was not fire related it greatly enhanced our ability to better serve the community's concerns.
- Ray Magnan of the Sault Ste. Marie Police Service provided our personnel with an information session on the Highway Traffic Act relating to emergency vehicles. The session basically explained what was acceptable for first responders and what was not.
- PURVIS Marine, Imperial Oil, Shell Canada, and SSMFS collaborated together on a training exercise. The scenario involved a fuel tanker on the river offloading product at the PURVIS dock simulating a spill. Fire Services and the agencies worked in unison using protocols to mitigate the incident. The agencies involved and Fire Services tested their capabilities for such an event. Post operation critiques were held in order to identify improvements.





Fire Suppression Division Report

October - December

- Captain Terry Dubois attended a CN Railway Emergency Response Seminar hosted by the Ontario Fire College in Gravenhurst, Ontario. CN representative, Art Vesterfelt, facilitated the course which was intended to prepare responders at the senior levels to properly establish an incident command system, establish a perimeter and activate an emergency plan to name a few.
- Acting Captains' testing was conducted to qualify nine of our suppression personnel. Current and future retirements warranted qualifying the large number of individuals. All of the candidates were successful and are now capable to work in the capacity as a Captain for SSMFS.

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.

A handwritten signature in black ink, appearing to read "Frank Brescacin".

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.





Ontario Fire College

The Company Officer Program 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 & Inspections
- Principles of Adult Learning
- Application of Adult Education Principles
- Training Administration & Program Planning
- Career Development
- Public Education
- Applied Administration/ Supervision & Equipment Maintenance
- Comprehensive Review & Exam

The Fire Prevention Officer Program Courses

- Legislation/ Standards/ Program Orientation
- Leadership & Communication Module
- Introductory Fire Prevention Module
- Fire Safety Plan Evaluation
- Advanced Fire Prevention Module
- Adult and Public Education Module
- Fire Scene Assessment
- Comprehensive Review & Exam



Training Courses

Level 1 and Level 2 Certificates

Michael Pagnucco	Mar 28 - Apr 1, 2011 June 20 - 21, 2011
Chris Gillespie	June 20 - 21, 2011
Michael Dionisi	June 22 - 23, 2011
Scott Smith	June 22 - 23, 2011
Jeff Lajoie	Oct 31 - Nov 1
Mike Simon	Oct 31 - Nov 1

Diploma Level

Jim Beach	Aug 29 - Sept 1, 2011
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Air Monitoring and Detection

Joe May	Jan 24 - 26, 2011
Glen Coulter	Nov 21 - 23, 2011

CN Railroad Emergency Response

Terry Dubois	Nov 22 - 23, 2011
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C.B.R.N.E Exercise

Joe May	May 30 - June 3, 2011
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Fire Prevention Officer Diploma Program Courses

Carlo Provenzano	FPO 503	July 4 - 8, 2011
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Professional Development Seminars and Specialized Courses

Dan Crozier	Spartan Chassis Training	April 3 - 8, 2011
Bill Wallace	Mechanical Officers' Seminar	April 26 - 29, 2011
Jim St. Jules	CriSys User Group Training	June 6—9, 2011
Dodie Mills	CriSys User Group Training	June 6—9, 2011
Bill Wallace	EMS Mechanical Symposium	October 6, 2011



Provincial 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 Service Medal

30 Year Service Bar

NAME	POSITION	YRS	NAME	POSITION	YRS
BARRETT, Terry	Captain	26	HEWITT, Rob	Captain	28
BEACH, James	Firefighter	25	KOZACK, Brian	Firefighter	25
BRESCACIN, Frank	Asst Fire Chief	28	MAY, Joseph	Platoon Chief	29
CAMPBELL, Brian	Captain	25	PEDDLE, David	Captain	28
COULTER, Glen	Platoon Chief	29	PROVENZANO, Marcel	Fire Chief	29
DUBOIS, Terry	Captain	28	ROBERTSON, Doug	Captain	26
FERRIS, Damon	Captain	28	SCHILDROTH, Terry	Captain	25
GREGORINI, Tim	Firefighter	28	SWIFT, Brent	Captain	29

NAME	POSITION	YRS
BAILEY, D.	Captain	32
HENDERSON, R.	Captain	31
LASH, B.	Platoon Chief	33
LANG, D.	Platoon Chief	30
McDERMID, W.	Captain	32
PINNELL, M.	Captain	30
RICHARDS, R.	Captain	33
SPRING, D.	Captain	31
WILTON, D.	Captain	32



Federal 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

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

30 Year First Bar

BAILEY, David
HENDERSON, Ronald
LANG, David
LASH, Bruce
McDERMID, Wayne
PINNELL, Mirton
RICHARDS, Randy
SPRING, David
WILTON, Douglas





Sault Ste. Marie Fire Services

Emergency Medical Services



EMS Divisional Report



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 Manager of Quality Assurance. The paramedics consist of 32 full time staff and eight part time staff, all equally qualified to work in pairs and provide patient care in alternating driving and attending roles.

In April the Service was successful in obtaining another three year license by passing the Ministry of Health and Long Term Care Ambulance Service Review. These reviews are conducted every three years by the MOHLTC Emergency Health Services Branch Inspection, Certification and Regulatory Compliance team. This peer group audit inspects all aspects of an ambulance service operation from patient care to vehicle maintenance to ensure all citizens of the province are receiving the best care, at or above the legislated standards.

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. Additional mandatory training sessions were conducted throughout the year covering topics such as, lifting safety, back health, critical incident stress management, hepatitis awareness, and emergency vehicle driver safety.



EMS Divisional Report

This year marked a new format for hiring new paramedics for the EMS division. The extensive process brought a full day of testing for two groups of applicants to determine the best possible candidates. Testing included interview, medical protocol skill stations, emergency scenarios and a written test. Through this process the service selected eight reserve candidates used to fill both full and part time vacancies.

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. In addition the Sault Ste. Marie Fire Services operates a base in Garden River to serve the eastern portions of the area providing 12 hour day crew. The fleet of available ambulances and equipment makes sure all crews have everything they need to provide uninterrupted service to our citizens.

One new ambulance was added to the fleet assigned to the Garden River First Nation station, Hall #5 to ensure a spare for uninterrupted emergency service. One replacement ambulance was bought on schedule for the main base at the Regional Emergency Services Complex, (RESC) #4 Hall. The new ambulances bring the latest advances in EMS vehicles including; more reflective details on the rear, 360 degree high intensity LED lighting, taller back doors for ease of stretcher loading, and reconfigured storage compartments for safer access.





EMS Divisional Report

In 2011, the EMS division reconfigured our supply warehouse using the data generated from the electronic Ambulance Call Reports in the iMedic system. This expansive process utilized workers assigned to modified duties to organize and catalogue thousands of items. The reconfigured warehouse has become a more cost effective and efficient storage system based on factual usage of supplies, expiry dates and supplier reliability.

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. Paramedics carry out their daily activities very independent of direct supervision but in extraordinary circumstances they can speak directly with a base hospital physician (in Sudbury) 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 continuous learning and evaluation for which each paramedic is responsible.





EMS Divisional Report

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. Our 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 continues to be a leader in primary care delivery. The table indicates how many times last year one or more of these potentially lifesaving procedures was administered.

ADVANCED LIFE SUPPORT SKILL USED	# OF PATIENTS TREATED
RESPIRATORY DISTRESS treated with Salbutamol (Ventolin)	197
INTRAVENOUS ACCESS for fluid or for medication administration	912
SEVERE NAUSEA or VOMITING treated with Gravol injection	303
CARDIAC EMERGENCIES treated with ASA and Nitroglycerin	631
DIABETIC EMERGENCIES treated with Dextrose, Glucagon or Glucose	142
ANAPHYLATIC EMERGENCIES treated with Epinephrine	4
ASSESSING FOR ACTIVE "HEART ATTACKS" using 12 LEAD ECG	761
SEVERE RESPIRATORY DISTRESS treated with CPAP	46
NEW SEVERE RESPIRATORY DISTRESS treated with Epinephrine	5



EMS Divisional Report

Several different pieces of equipment were trialed during the year allowing the paramedics to determine the effectiveness to our services. Through these trials, the service evaluated and chose new response kits for each vehicle. These kits are back pack style which are more conducive to the paramedics work. The new kits allow for all IV equipment, Symptom Relief and Airway equipment to be carried in kit. The ergonomically designed kits provide more comfort and safety to the paramedics without compromising patient care.



A major change for the Sault Area Hospital occurred in March of 2011 with the opening of their new facility on Great Northern Road. On March 6, the EMS Division through a service contract participated in the patient relocation. This massive project saw all of the patients and staff move from the Queen Street location to the new facility in an eight hour period. Four Ambulance crews with management oversight were available to move the most critical patients and equipment to their new rooms. Pre planning, several training sessions and mock moves were conducted to ensure the success of the move prior to the event. One of the major benefits to the EMS service is paramedics now have a separate heated garage to load and unload their patients, much better than the public open parking lot of the old site.



EMS Divisional Report

Community Involvement

In 2011, our service continued with Risk Watch, participated in the Goulais River Community Day parade and many standby services for local events like Canada Day and other community events. 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 allow the youngest members of our community to climb into an ambulance and try out the stretchers and see all the “stuff” a paramedic may use if they ever ride with us. It is a great day for them to ask questions in a safe and not so scary way.

A handwritten signature in cursive script that reads "Robert Rushworth".

Robert Rushworth
Manger - EMS Division

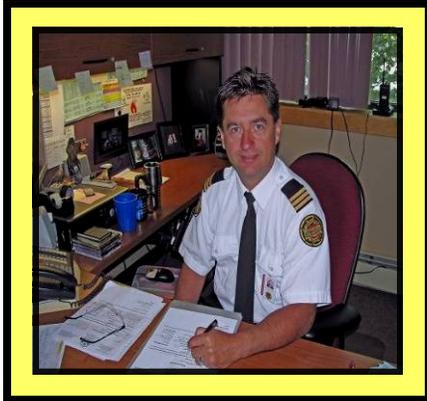


Sault Ste. Marie Fire Services

Fire Prevention & Public Education



Fire Prevention & Public Ed. Divisional Report



In 2011 the Fire Prevention Division continued to ensure compliance with clause 2.(1)(a) of the *Fire Protection and Prevention Act, 1997*. These legislated requirements are performed by the Fire Prevention Division, Officers, during routine duties.

In 2011, The Prevention Division once again exceeded the minimum Provincial criteria, 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 90th percentile.





Fire Prevention & Public Ed. Divisional Report

Public Education Programs

In 2011 the Prevention Division continued to provide public education using various programs. The Seniors Home inspection, group tours held at the main fire hall and burn permit application have all proven to be a good venue for engaging the public to discuss fire safety. As in the past, the division provided numerous lectures to various groups throughout the community.



Continuing to take advantage of the air waves by partnering with the Community Emergency Management Coordinator provided Fire Services additional resources that addressed similar concerns in both areas. In 2010, the Prevention Division continued to provide educational messages in news print, pamphlets and our dynamic message sign board.

In 2011 Fire Services added a new facet to our existing partnership with the Sault Greyhound organization. In late fall the Greyhound players were put through a "team building" exercise at the main fire hall at 72 Tancred. This mutually beneficial event assisted the Hound players understanding the team concept. In return, Fire Services utilizes the captive Greyhound audience at local games to spread the Fire Prevention message. We look forward to fostering this relationship for years to come.



Fire Prevention & Public Ed. Divisional Report

School Programs



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 class and discuss their role as young adults in fire safety.

In 2011, the Fire Prevention Division presented the “Stop, Drop and Roll” program to our local kindergarten through grade 3 elementary school children. The objective of the program is to have the student develop the confidence in their ability to use the “Stop Drop & Roll” technique effectively if their clothes catch fire. The Fire Prevention Officer explains that removing the oxygen by rolling, actually stops the fire from breathing. The student also learns that by covering their face while rolling provides protection to their eyes and aids in stopping smoke/heat from reaching their lungs. Each student has the opportunity to demonstrate the proper Stop Drop and Roll technique. This program is fun, interactive and a highly educational step towards fire life safety.



Fire Prevention & Public Ed. Divisional Report

Along with the primary grades Fire Services takes the opportunity to educate grade 8 classes through a program entitled “No Time to Spare”. Targeting this age group with information is our last formal opportunity to educate prior to secondary school. The program is presented in a very factual and adult manner. Topics such as “fire progression”, “time lines” and the importance of reacting to alarms are discussed via a presentation & video. Students are often surprised to learn that fire can progress from incipient stage (ignition) to flashover in three minutes or less in a typical home. The program emphasizes they each play a key role in ensuring fire safety in their home. Home escape plans and the importance of working smoke alarms are two main topics discussed following the video “No Time to Spare”.

Over many years these types of program have begun to create a fire safe generation. Continuing these programs well into the future will surely decrease fire related injuries, fatalities and property loss, in our community.

Over the months of January to May the Prevention Division managed to educate over 3,000 students.





Fire Prevention & Public Ed. Divisional Report

Inspections

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.

Type	Amount
BUILDING INSPECTIONS	473
RETROFIT INSPECTIONS	30
RESIDENTIAL SMOKE ALARM INSPECTIONS	806
COMPLAINTS	237
GENERAL INFORMATION	241
MISCELLANEOUS	44
FLOW TESTS	4
FIRE ALARM TESTS	10
BUILDING RE-CHECK INSPECTIONS	336
RETROFIT RE-CHECK INSPECTIONS	42
FIRE & EXPLOSION INVESTIGATIONS	113
VANDALISM & ARSON INVESTIGATIONS	2
BURNING PERMITS RENEWED	2,752
BURNING PERMIT INSPECTIONS	1,047
TOTAL	6,137



Fire Prevention & Public Ed. Divisional Report

Inspections

Type	Price
PROPERTY FILE SEARCH	\$ 62.00 + HST
PROPERTY RESALE INSPECTION	\$108.00 + HST
DAYCARE LICENSING	\$108.00 + HST
FIRE EXTINGUISHER TRAINING	\$108.00 + HST
NEW (FIRST) BURNING PERMITS	\$25.00
BURNING PERMIT RENEWAL (ANNUAL)	\$15.00
BURNING PERMIT (WEEKLY FEE)	\$10.00

CORPORATION OF THE
CITY OF S.S.MARIE
User Fee & Service Charges
By-Law 2012 - 11 — Schedule “E”
Effective February 1, 2012

In-Service Fire Safety Awareness Campaign

Similar to previous campaigns, the 2011 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.



Fire Prevention & Public Ed. Divisional Report

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 2011.

Type	Amount
STATION TOURS	47
BUILDING/SITE PLANS REVIEWED	10
PLANNING DEPARTMENT REVIEWED	41
COMMITTEE OF ADJUSTMENT REVIEWED	101
SPECIAL OCCASION REVIEWED	10
BARRISTER FILE SEARCHES	20
LANE/STREET CLOSURE REVIEWED	13
NOTICE OF VIOLATIONS/LEGAL	27
PROVINCIAL OFFENCES	37
SMOKE ALARM TICKETS	3
FIRE SAFETY PLANS	109
FIRE SITE PRE-PLANS	169
PUBLIC RELATIONS	111



Fire Prevention & Public Ed. Divisional Report

Fire Prevention Week

"Protect Your Family from Fire" was the theme for the 2011 Fire Prevention Week. Over the week of Oct 9th through to the 15th, Fire Services opened their doors to the public in the form of open houses.

Fire Services engaged the public at each Fire Hall over this week with pamphlets, stickers and general fire safety messages regarding home fire safety. This week proved to be very successful with several school classes taking the opportunity to visit various halls in the city.

The Arson Prevention Program for Children

The TAPP-C program is a cooperative effort between the Canadian Association of Mental Health, Algoma Family Services and Fire Services. The intent of the program is to ensure young fire setters between the ages of 2-17 receive education pertaining to the dangers of fire play and setting of fires. Participant in the program are also assessed by mental health professionals.

In 2011 the TAPP-C program underwent minor program changes that targeted the level 4 component of the program. The 2011 TAPP-C program realized continued increases in referrals specifically concerning the fire safety component. Criminal court offices and the Parole Board of Ontario, utilizing the program as a rehabilitation tool can be attributed to this increase.



Occupancy Categories for Building Inspections

Building Inspections

Type	Amount	Type	Amount
APARTMENTS	137	HOSPITALS/CLINICS	21
BARS/TAVERNS	4	HOTELS/MOTELS	11
BARBER/BEAUTY SHOPS	3	INDUSTRIAL	19
CHURCHES	5	LAUNDROMAT	1
COMMUNITY HALLS	19	LUMBER	1
DAYCARE - ASSEMBLY	2	MISCELLANEOUS BUILDINGS	12
DAYCARE - RESIDENTIAL	9	NURSING HOMES	2
DETENTION FACILITY	2	OFFICES	19
DWELLING - RESIDENTIAL	45	RESTAURANTS	33
FURNITURE/HARDWARE STORES	1	RINKS/ARENAS	4
GARAGE/AUTO BODY	11	SCHOOLS	60
GROCERY/MARKETS/MEATS	3	STORES	26
GROUP HOMES/ HOMES FOR AGED	23		



Station Tours

During the past year, 47 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.



Type	Amount
FILMS	45
LECTURES	232
DEMONSTRATIONS	105
FIRE DRILLS	46
SCHOOL PRESENTATIONS	287





Risk Watch

In 2011 the Risk watch coalition continued to foster relationships with the Algoma District, Huron Superior Catholic and French School, boards

The Risk Watch committee remained active on program sustainability for 2011. Incentives were offered for teachers to work through the resources with their students.

All the elementary Schools in Sault Ste. Marie are now trained in the use of the program with the remaining two French speaking schools coming on board in 2011.

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.



A handwritten signature in black ink, appearing to read "Paul Milosevich".

Paul Milosevich
Assistant Fire Chief Prevention Division



Sault Ste. Marie Fire Services

Community Involvement



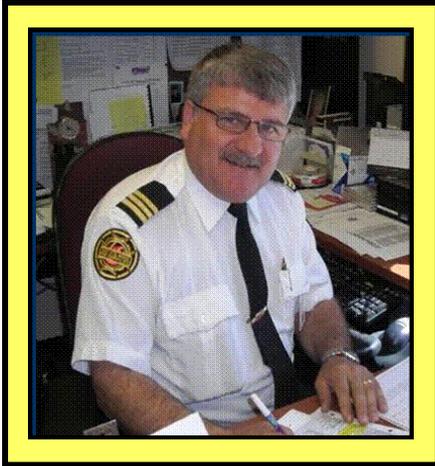
Sault Ste. Marie Fire Services

Support Services Report



Support Services Divisional Report

Communication



Recruits begin their career as Cadets and work as Communication 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. Two new recruits were hired in 2011 and trained as Communication Operators.

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





Support Services Divisional Report

Municipal Fire Alarm Testing

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 163 subscribers connected to the Municipal Fire Alarm Monitoring System and this continues to be a source of revenue for the city.

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 was attended by both system administrators in 2011. The benefits of this training and new product information will be used this coming year. This system is continuously updated per our maintenance and hardware agreement with CriSys. The Vulnerable Persons Registry data from the Innovation Centre, which is a first of its kind in the province, has been incorporated in our dispatch system. This provides valuable information should a registered vulnerable person report an emergency at their residence.



Support Services Divisional Report

Occupational Health and Safety



Support Services Division is also responsible for ensuring fire vehicles, SCBA and cylinders, cascade systems, fire extinguishers, ground ladders and aerial ladders are tested per NFPA guidelines and ULC regulations. Some of these tests include testing air quality of the compressor, hydrostatic testing of all SCBA cylinders and fire extinguishers, as well as functional flow testing of all breathing apparatus.



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.



Support Services: Mechanical

Fire Stations

Maintenance of the four fire stations is part of the Support Services Division's responsibility. There were some major renovations to fire stations in 2011. The exhaust extraction system was installed at the last two fire stations per the strategic plan. The roof at the RESC has been replaced and should provide up to 20 years of serviceable life. Both underground fuel storage tanks were replaced with new, above ground tanks in an effort to reduce environmental risks at the main fire station.

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 25 units were completed in 2011. Support Services also work with third party companies to conduct annual pump flow testing as well as ground and aerial ladder testing per NFPA guidelines. Our mechanics continue to provide servicing and repairs for the Police Service's patrol vehicles as well as our ambulance fleet. I would like to thank Dan Crozier and Bill Wallace for their efforts and commitment throughout the year to keep our emergency services fleets in good operating condition at all times.



Support Services: Mechanical

Training

Support Services Division continues to be 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 Platoon Chiefs.

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

A handwritten signature in black ink, appearing to read "James St. Jules".

Jim St. Jules

Assistant Fire Chief Support Services



Emergency Management



**Community Emergency
Management Coordinator**



Community Emergency Management Coordinator



All communities are challenged from time to time by unforeseeable disasters that are a result of natural events, technological accidents, and, in some unfortunate cases, deliberately planned events. The ability to respond to such events quickly and effectively is a central part of community safety.

Emergency Management is charged with enhancing a community's resilience, both before events occur and during their occurrence. For this to happen numerous steps are taken including identifying and analyzing potential threats, designing and implementing strategies to reduce or eliminate potential hazards, preparing a community for response to hazards, and assisting with the direction of a community's response, should an event occur.

Every community in Ontario has a designated Community Emergency Management Coordinator (CEMC), who is responsible for the development, maintenance and implementation of their community's emergency management program. Emergency management practices are legislated by the *Emergency Management Civil Protection Act and Regulation 380/04*. Sault Ste. Marie is responsible for meeting 15 legislated requirements annually to ensure an effective emergency management program.





C . E . M . C

Emergency Management Program

To plan an effective response to all types of adverse events, it is essential to possess a clear understanding of the types of risk exposure to which a community is subject. This is done through a Hazard Identification and Risk Assessment (HIRA), a HIRA is a process that identifies all potential hazards that exist within a municipality's jurisdiction and attempts to define the level of risk that each identified hazard presents.

Efforts and resources can then focus on those events with the greatest likelihood of occurrence and the greatest potential impact, ensuring wherever possible that community is prepared to respond to an event. Preparing for an event can be done through preplanning, public education, training and exercises.

Preplanning

The Emergency Management Division is responsible for maintaining the Sault Ste. Marie Emergency Response Plan which provides a framework for the prompt coordinated response of government, private and volunteer resources when an emergency overwhelms the capacity of normal operations. To check out the City's Emergency Plan visit the *Emergency Planning* section on the City's website.

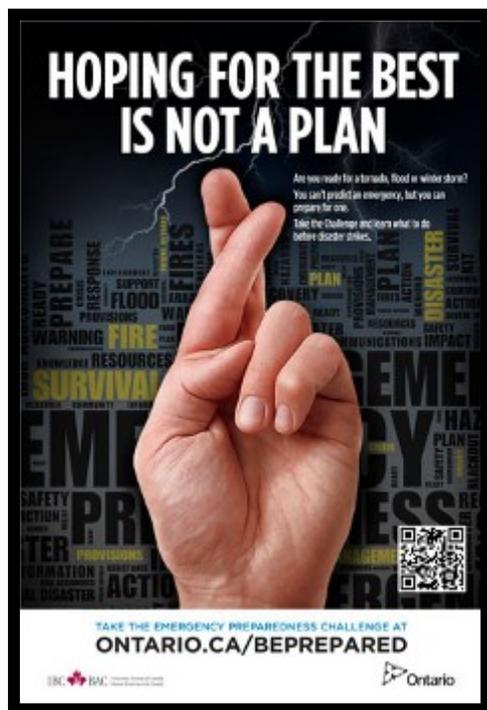


C.E.M.C

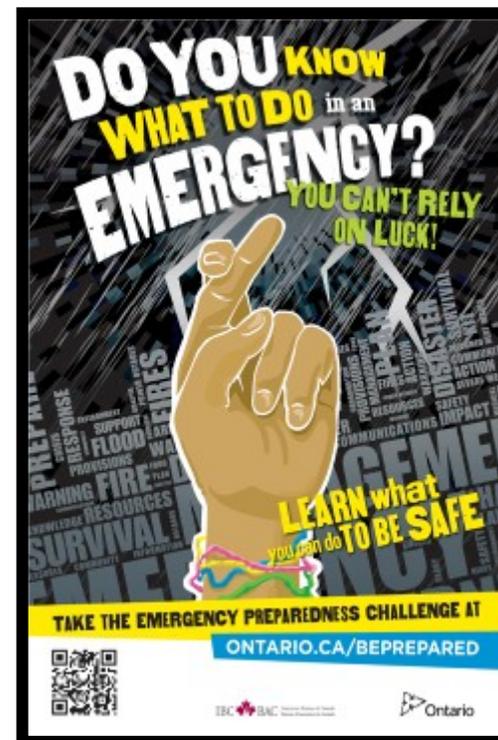
Public Education

Emergency Preparedness Challenge

During the month of May, Emergency Management Ontario in partnership with the Insurance Bureau of Canada challenged all Ontario communities to show their commitment to emergency preparedness through an online Emergency Preparedness Challenge.



Over 270 communities took part in the Challenge and Sault Ste. Marie achieved the high participation rate for communities between 50,000-100,000 people. As a Challenge winner, Sault Ste. Marie received \$2,000 courtesy of Insurance Bureau of Canada to be used toward enhancing the community's emergency management program.





C.E.M.C

Station Tours

This year the Emergency Management Division took part in Fire Prevention Week where all four stations were opened to the public for tours and information sessions. School groups and members of the general public stopped by the stations where they were taught about the importance of knowing local hazards, creating a family action plan and having a 72- hour survival kit.





C.E.M.C



CANUSLAK

This past September, the United States Coast Guard and the Canadian Coast Guard hosted a Seminar and Full-Scale/ Combined Management Exercise. The two day event began with an Orientation Seminar designed to provide attendees with a broad understanding of the existing plans linked to ship-source oil pollution prevention, preparedness and response efforts along our shared waters of the Great Lakes. The training introduced participants to some of the complexities on communications during a high risk event.

The exercise consisted of a joint full-scale oil spill response exercise on the boundary waters of the St. Mary's River. Simulating a major oil spill from a tank ship, the exercise focused on specific objectives including; spill response operations including incident management, public information coordination and place of refuge assessment.





C . E . M . C

Radio Advertising



During the month of December public service announcements were aired over several local radio stations with the focus on emergency preparedness.

The radio provides a great avenue of reaching a large audience to spread important messages like “the best way to help ensure your family’s safety is to have an emergency plan. Having a plan, and discussing it with loved ones, will save time and make real situations less stressful”.

Training Activities

Great Lakes Regional TTX

This year the Emergency Management Division took part in Fire Prevention Week where all four stations were opened to the public for tours and information sessions. School groups and members of the general public stopped by the stations where they were taught about the importance of knowing local hazards, creating a family action plan and having a 72- hour survival kit.





C.E.M.C

AMSTEP

The United States Coast Guard Sector Sault Sainte Marie and Area Maritime Security Committee partners conducted their annual maritime security exercise. The exercise was a full-scale event designed to test the elements of the Sault Region Area Maritime Security Plan, simulating increased threats to maritime targets in order to evaluate communications processes, command and control, security measures, and response to suspicious activities.

Representatives from twenty-eight government agencies, as well as seven private sector organizations participated in the exercise. Having such a diverse group served as a catalyst for generating constructive exercise play among the participants and made for a successful exercise.

Lauren Perry

Lauren Perry





Community Outreach - Beyond 9-1-1 Responses



Community Outreach - Beyond 9-1-1 Responses

There is more to Fire Services than responding to Fire calls , EMS calls and Investigating fires. Fire Services is quite involved in activities throughout the community in the past year. I am pleased to present a new section of the year end report showcasing Fire Services' community involvement.

The Fire Suppression Division runs training scenarios, lectures and tours with businesses throughout the year. The Fire Prevention Division conducts information sessions at the malls, school programs and open houses during Fire Prevention Week. The EMS Division has information sessions at malls and is ever present at community functions throughout the year. During the year the Firefighters Association is involved in numerous fundraising activities within the city, all for local charities.

Some of the activities include Therapeutic Ride, 24 hour hockey marathon, Pancake Breakfast, Pasta Supper, Boot Drives, Easter Seals Telethon, Penny Drive for Rotary and our fun game of baseball against our good friends from TAPS (Treat all people special) . Throughout the year you will see the Firefighters, Inspectors, and Paramedics at numerous community events. Come by and say hello! The cover page for this section is a collage of various Community Outreach Programs in which Fire Services personnel are involved.

A handwritten signature in black ink, appearing to read "David Shuey".

Platoon Chief—Suppression Division



Contact Information

Emergency

Dial: 911

Fire Services

Fire Burning Permit Hotline
(705) 949-9898

Fire Prevention
(705) 949-3377
(705) 949-3372

CEMC

65 Old Garden River Rd.
P6B 5A5
Ph: (705) 541-5173

Fire Stations

#1 Fire Station
72 Tancred Street
P6A 2W1
Ph: (705) 949-3335
Fax: (705) 949-2341

#3 Fire Station
100 Bennett Blvd.
P6A 4N1
Ph: (705) 946-4253

#2 Fire Station
363 Second Line West
P6C 6E2
Ph: (705) 946-4252

#4 Fire Station
65 Old Garden River Rd
P6B 5A5
Ph: (705) 946-4254

EMS

#5 EMS Station
(705) 575-6260

EMS Services
(705) 949-3387

Regional Emergency Services Complex (RESC)
(705) 946-4254



2011