

Sault Ste. Marie Fire Services



Celebrate 100!
1912 - 2012



Table of Contents

Sault Ste. Marie Fire Services' Mission Statement	1
Fire Chief's Report	2
Sault Ste. Marie Fire Services Organizational Chart	9
Personnel Listings	10
Sault Ste. Marie Emergency Response Centres	13
Alarms Answered	14
Fire Suppression Alarms Answered	15
EMS Responses	16
Fire Records Since 1986	17
Major Fires in Sault Ste. Marie	18
2012 Sault Ste. Marie Fire Statistics	19
Fire Suppression Divisional Report	22
Ontario Fire College	38
Provincial and Federal Medals	41
Emergency Medical Services Divisional Report	43
Fire Prevention and Public Education Divisional Report	52
Support Services Divisional Report	65
Emergency Management: CEMC	71
Community Outreach - Beyond 9-1-1 Responses.....	78
Contact Information.....	81



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' 2012 Annual Report. The report contained herein provides an extensive summary of the operational activities and related statistical data for 2012, including divisional reports from Fire Suppression, Emergency Medical Services, Fire Prevention and Public Education, Support Services, Emergency Management, and a Community Involvement Section.

Through the office of the Community Emergency Management Coordinator, the City's Emergency Response Plan was substantially revised to reflect up to date contingency plans in the event of a significant municipal emergency.

Fire Services will further our commitment toward having a fire safe and emergency prepared community through enhanced marketing and public education campaigns. In addition we will continue to work together with the Emergency Management Coordinator, Lauren Perry to ensure these messages are conveyed to the public.

During the year we were fortunate not to have a fire fatality in the community, and our continued efforts in Fire Prevention and Public Education are seeing tangible results.



Fire Chief's Report

A committee was struck early in 2012 to begin the planning phase for the replacement of 1999 Pumper/Ladder truck deployed from Number 4 Station. Insurance underwriters require front line apparatus be 15 years of age or less as one of the many factors in maintaining our insurance rating.

In October of 2012 I hosted a Northern Ontario Fire Chiefs Conference. Fire Chiefs from Thunder Bay, North Bay, Timmins, Elliot Lake, Espanola, and Kapuskasing attended the three day conference to discuss important emergency services issues. The event was a success and our intent as a group is to continue with the format, and possibly have Sault Ste. Marie as the permanent conference location, given our geographic location.

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 initiative, Senior Fire Management will continue to promote a healthy work environment within our department by scheduling regular team building meetings and exercises. In addition, earlier in the year a joint Labour Management Wellness Committee was established to strategize the most feasible and effective wellness program for our staff's participation.



Fire Chief's Report

2012 Northern Fire Chiefs' Conference



**Regional Emergency
Services Complex**
65 Old Garden River Road
Sault Ste. Marie, Ontario
October 31-November 2012

From left to right: Sault Ste. Marie Fire Chief Marcel Provenzano; Timmins Fire Chief Mike Pintar; North Bay Fire Chief Grant Love; Espanola Fire Chief Mike Pichor; Kapuskasing Fire Chief Gerry Demeules; Elliot Lake Fire Chief Paul Officer
(Missing from photo: Thunder Bay Fire Chief John Hay)



Fire Chief's Report

Fire Services also introduced a number of efficiencies over the past year resulting in savings of just over 1% of our annual net budget, including items achieved through collective bargaining, and changes in operational processes. A Council approved reconfiguration of the Administrative Support and Fire Prevention office area has resulted in significant improvement in office operations. The design features in the new layout are conducive to more productive and efficient work spaces. We will continue to be diligent about identifying additional efficiencies which reduce expenses, or generate additional revenue, in order to provide the highest level of cost effective emergency services for the public we serve and protect.

Fire Services introduced a new User Fee for “Open Air Burning Permits” in 2012. The purpose of this new user fee was to help offset the costs of issuing such permits, and bring in a new revenue stream for the department.

As part of the City's Strategic Plan to develop best practices pilot projects, our EMS division became qualified in Intravenous Drug Therapy, and subsequently a presentation was made to Council which provided an overview of this enhanced level of service.

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 Chief's Report

Our Departmental Key Results Areas and status for 2012 are as follows;

- Attain “Target Zero” for workplace accidents and injuries (some success achieved)
- Maintain a healthy and positive work environment (achieved)
- Attain “Target Zero” for fire related losses (achieved)
- Maintain 90th percentile for sudden cardiac arrests responses (achieved)
- Reduce our carbon footprint (achieved)
- Preserve service delivery model by:
 - ◊ Enhancing Fire Services public image and visibility through the media, and supporting local charities (achieved)
 - ◊ Becoming more cost effective through increased revenue streams and reduced expenditures (some success 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 toward our department.



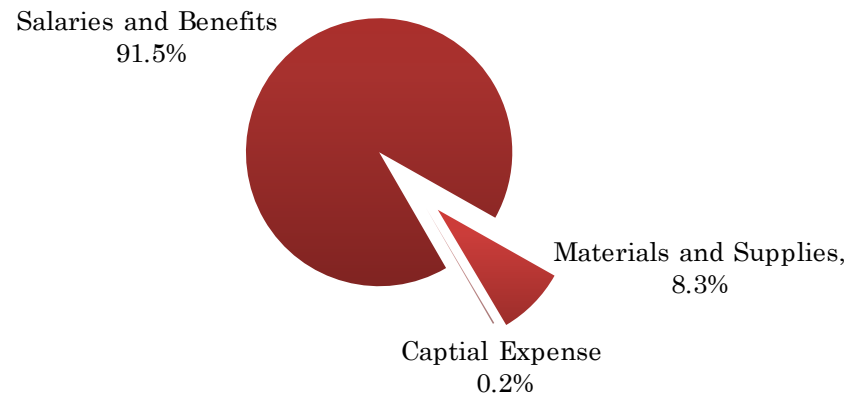
Marcel Provenzano
Fire Chief



Fire Chief's Report

2012 Approved Budget

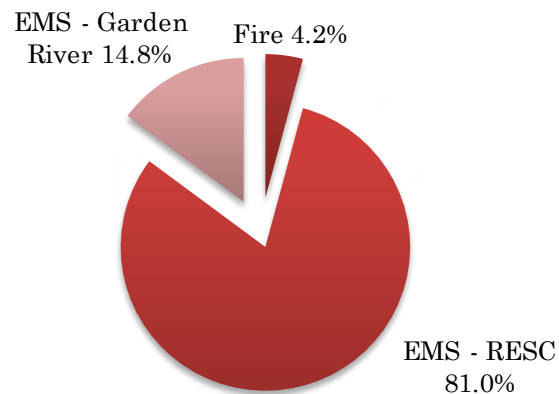
2012 Approved Budget	Fire	EMS - RESC	EMS - Garden River	Total	%
Salaries and Benefits	\$11,931,040	\$3,472,160	\$585,490	\$15,988,690	91.5%
Materials and Supplies	\$909,150	\$415,710	\$124,375	\$1,449,235	8.3%
Capital expense	\$31,675	-	\$1,200	\$32,875	0.2%
Total	\$12,871,865	\$3,887,870	\$711,065	\$17,470,800	100.0%
Percentage	73.68%	22.25%	4.07%		



Fire Chief's Report

2012 Revenue

Revenue	Budget	Percentage
Fire	\$200,505.00	4.2%
EMS - RESC	\$3,887,870.00	81.0%
EMS - Garden River Station	\$711,065.00	14.8%
Total	\$4,799,440.00	100%



Sault Ste. Marie Fire Services Organizational Chart



Sault Ste. Marie Fire Services

Personnel Listing

Name	Appointed to Dept.
LASH, B.	May 30, 1978
RICHARDS, R.	May 30, 1978
BAILEY, D.	October 1, 1979
McDERMID, W.	April 28, 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
ROBERTSON, D.	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
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

Name	Appointed to Dept.
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
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



Sault Ste. Marie Fire Services

Personnel Listing

Name	Appointed to Dept.
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

Name	Appointed to Dept.
WEBB, J.	June 5, 2000
McLEAN, M.	June 19, 2000
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
FEWCHUK, 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
PATEMAN, G.	January 9, 2012
SCOTT, J.	March 5, 2012
BROCKELBANK, N.	October 9, 2012
HANES, N.	December 10, 2012



Sault Ste. Marie Fire Services

Personnel Listing - EMS

Name	Appointed to Dept.
SHANNON, T.	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
KOIVISTO, E.	April 1, 2002
KOVACEVICH, S.	April 1, 2002
BENNETT, R.	April 1, 2002
RATHWELL, S.	April 29, 2002
MARSHALL, C.	April 29, 2002
MITCHELL, K.	June 17, 2002
CULINA, D.	Nov 23, 2003
BOWEN, J.	Aug 18, 2003
THORBURN, J	May 31, 2004

Name	Appointed to Dept.
HAINES, B.	July 25, 2005
THOMAS, J	Jan 31, 2006
ONOFRIO, T.	May 23, 2006
VAN HORNE, K.	June 20, 2007
RIBIC, K.	June 18, 2008
NORRIS, J.	July 3, 2008
CESKAUSKAS, J.	Dec 8, 2009
SADOWSKY, H.	Nov 30, 2009
ZANATTA, K.	Jan 5, 2010
HICKEY, M.	Feb 11, 2010
STRACHAN, J	March 16, 2011
SOLOMON, K.	March 16, 2011
CAPANCIONI, R.	March 16, 2011
CAIN, T.	June 22, 2011
DOYLE, C.	Jan 16, 2012

Part Time

Name	Appointed to Dept.
KIRKHAM, K.	April 1, 2002
SWEET, B	April 1, 2002
LANGEVIN, D.	June 16, 2003
CALLAHAN, J.	July 19, 2012
VALENTE, J.	Oct 22, 2012
WELMERS, E.	Nov 26, 2012
GUILIETTI, D.	Dec 18, 2012
NEUREUTHER, S.	Dec 18, 2012



Emergency Response Centres

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

15 Shingwauk St.



Alarms Answered From Each Station

Dispatch and Response Report

Month 2012	# 1 Station	#2 Station	#3 Station	#4 Station
January	60	47	46	64
February	45	50	38	58
March	50	49	76	74
April	78	73	73	95
May	73	74	74	95
June	57	57	66	72
July	80	67	61	88
August	71	58	62	75
September	55	64	58	90
October	79	59	69	76
November	58	56	70	84
December	75	65	72	82
Total	781	719	765	953

Out of City Alarms 2012

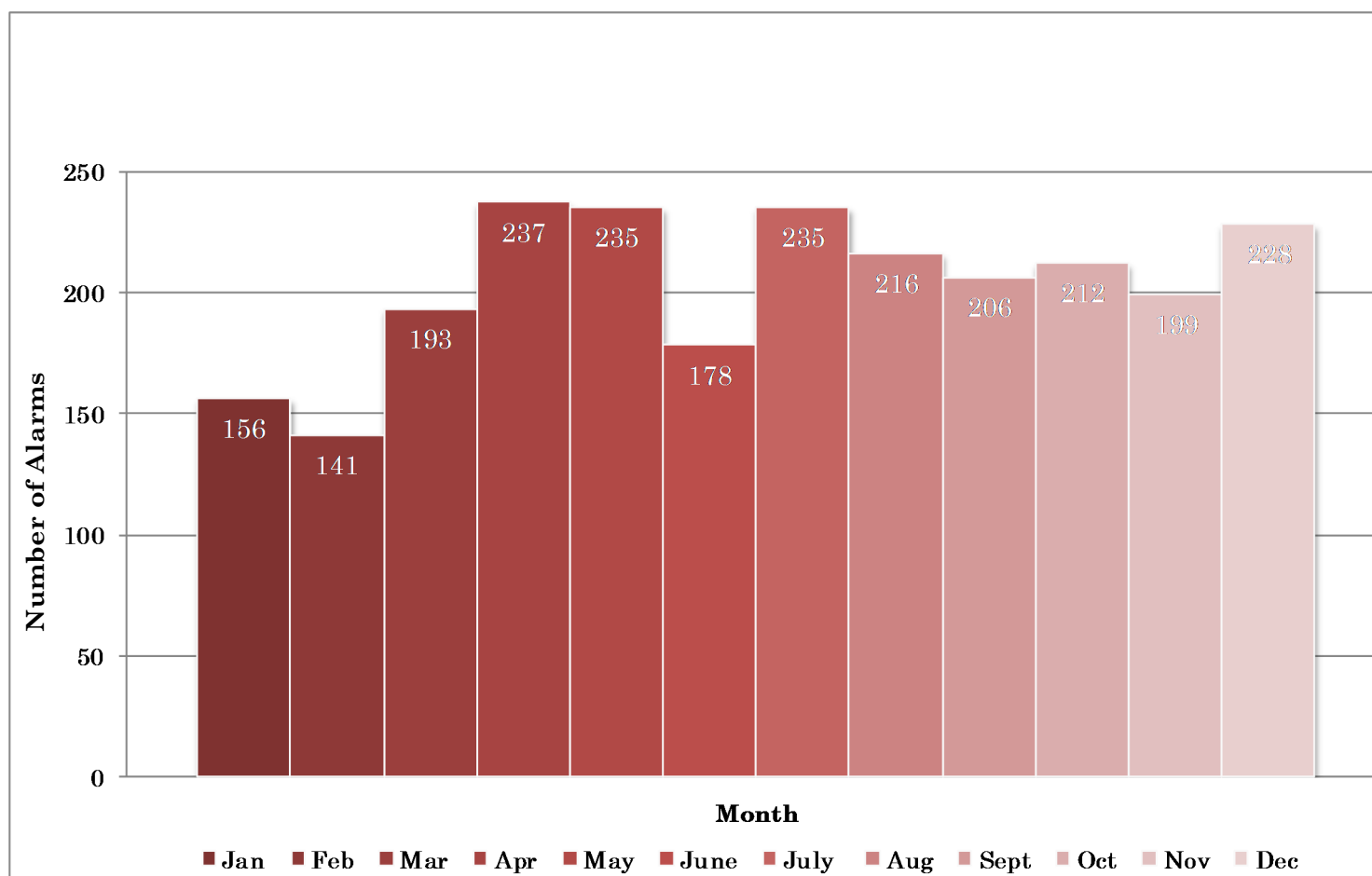
During the year, 43 alarms were answered to points outside the city:

- Rankin Reserve: 40
- Goulais River: 1
- Prince Township: 1
- Tarbutt & Tarbutt Additional: 1



Fire Suppression Alarms 2012

Number of Monthly Alarms



Total Alarms Answered: 2,436



Emergency Medical Services' Responses

Total Ambulance Responses

Month	Priority 1	Priority 2	Priority 3	Priority 4	Priority 8	Total
January	85	37	212	531	0	865
February	62	42	220	536	0	860
March	71	35	225	606	0	937
April	63	40	208	558	0	869
May	47	38	207	596	5	893
June	63	39	204	620	1	927
July	65	36	238	664	2	1,005
August	67	50	254	635	1	1,007
September	75	37	217	580	3	912
October	75	34	213	600	0	922
November	71	46	216	620	1	954
December	92	33	242	658	0	1,025
Total	836	467	2,656	7,204	13	11,176
Percentage	8%	4%	24%	64%	N/A%	100%

The statistics above represent a **4%** increase over the previous year's call volume and a **23% 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

NOTE: Priority of dispatch determined by Ambulance Communications Officer working for the Ministry of Health Dispatch Centre



Fire Records from 1986

Year	Alarms	Population	Estimated Fire Loss	Per Capita Loss
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
2012	2,436	75,683	2,964,130.00	39.16

2012 Estimated Loss:

Classification of Property

Type	Loss (\$)
Dwellings	2,177,033
Apartment Buildings	627,200
Garage / Sheds	11,000
Vehicles (cars, trucks, ...)	115,167
Educational	1,000
Care Facility / Hospital	2,240
Miscellaneous	30,490
Total	2,964,130



Major Fire Incidents in Sault Ste. Marie

	Date	Incident	Fire Loss
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
	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	

	Date	Incident	Fire Loss
2005	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
	June 4	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 Ave.	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
2012	February 11	DETACHED DWELLING - 55 Edison Avenue	250,000
	July 2	SHED, EXPLOSION - 568 Morrison Avenue	157,700
	September 23	DETACHED DWELLING - 92 Churchill Boulevard	366,333



2012 Sault Ste. Marie Fire Services Statistics

Number of Fires with Recorded Fire Loss

Month	Number
January	6
February	6
March	8
April	5
May	11
June	11
July	12
August	10
September	8
October	3
November	7
December	5
Total	92

Total Estimated Fire Loss in Sault Ste. Marie

Month	Building Loss (\$)	Contents Loss (\$)	Vehicle Loss (\$)	Total Loss (\$)
January	740	1,600	2,500	4,840
February	358,000	125,000	-	483,000
March	104,300	3,300	1,700	109,300
April	2,900	-	-	2,900
May	445,500	105,000	36,000	586,500
June	75,450	17,500	9,300	102,250
July	363,950	57,500	-	421,450
August	135,250	70,000	-	205,250
September	669,133	11,800	9,667	690,600
October	64,140	-	-	64,140
November	57,400	51,000	55,000	163,400
December	125,000	4,500	1,000	130,500
Total	2,401,763	447,200	115,167	2,964,130

This table represents fires responded to by fire services. This is a **decrease of 21 fires** with a recorded fire loss when compared with 2011 statistics.



2012 Sault Ste. Marie Fire Services Statistics

Estimated Value / Loss / Savings to Building and Contents

Month	Estimated Fire Loss (\$)	Estimated Value (\$)	Estimated Savings (\$)
January	2,340	10,072,540	10,070,200
February	483,000	935,000	452,000
March	107,600	1,091,100	983,500
April	2,900	903,500	900,600
May	550,500	1,217,500	667,000
June	92,950	568,000	475,050
July	421,450	771,700	350,250
August	205,250	214,350	9,100
September	680,933	1,086,833	405,900
October	64,140	377,140	313,000
November	108,400	443,400	335,000
December	129,500	805,000	675,500
Totals	2,848,963	18,486,063	15,637,100



2012 Sault Ste. Marie Fire Services Statistics

Causes of Fire Services Responses

Cause	#	Cause	#
False Alarms - Faulty Alarm Systems	144	Motor Vehicles - Non-Emergency	27
False Alarms - Malicious	32	Incendiarism and Vandalism	24
False Alarms - Good Intent	87	Arson	11
False Alarms - Accidental	268	Hazardous Materials	0
Grass, Bush, Brush and Rubber Fires	258	Matches, Lighters and Candles	13
Chimneys	6	Cigarettes	8
Courtesy Calls (Assist Police, etc.)	131	Electrical	11
Gasoline, Oil (Spills; Leaks)	20	Water Pipe Bursts/Leaking	8
People Trapped (Elevators, Auto)	14	Natural Gas Leak	18
Motors (Overheated; Burnouts)	17	Propane Leak	0
Cooking Oils, Grease, Food on Stove	47	Carbon Monoxide	229
People Locked In/Out of Buildings/Apartments	22	Medical Calls	880
Combustibles	1	Water/Ice Rescue	6
Furnaces, Stoves	0	Rescues - Other	10
Fireplaces (Overheated; Defective)	5	Undetermined Calls	27
Hot Ashes	4	Miscellaneous	43
Motor Vehicles - Emergency	65		

Total Responses of All Types: 2,436





Sault Ste. Marie Fire Services

Fire Suppression Division

Fire Suppression Divisional 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 job functions of a career firefighter have evolved to include, response to fires, ice/water rescues, vehicle extrication, confined space rescues, trench rescues, hazardous materials incidents, water based small craft fires/rescues, airport emergencies and tiered medical responses.

Upon arrival at any given incident the primary response objectives of the fire service 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.



Fire Suppression Divisional Report

The Assistant Fire Chief – Suppression is responsible for the daily operations of the Fire Suppression Division. This includes but is not limited to:

- Attendance management
- Promoting health and wellness
- Managing and coordinating all training activities
- Creating, maintaining and applying department policies and procedures.
- Quality assurance of reports
- Health and Safety of Suppression Division
- CBRNE activities
- Liaison with other City departments and private industry.
- Resolving worker / employer discrepancies within the Collective Agreement

During 2012 Sault Ste. Marie Fire Services (SSMFS) retired four of our Fire Suppression personnel leaving our service with a void of over 126 years of experience.

The following personnel retired in 2012:

- **Captain Doug Wilton** retired February 29, 2012 – 32 years 10 months' service
- **Captain Ron Henderson** retired September 30, 2012 – 32 years' service
- **Captain Dave Peddle** retired November 30, 2012 – 29 years' service
- **Captain Dave Spring** retired December 31, 2012 – 32 years 8 months' service

SSMFS is grateful for the years of dedication and loyalty provided by these four employees and wishes they enjoy as many active years of retirement.



Fire Suppression Divisional Report

Four new recruits were hired to replace the retirees:

- **Graeme Pateman** hired January 9, 2012
- **Josh Scott** hired March 5, 2012
- **Neil Brockelbank** hired October 9, 2012
- **Nathan Hanes** December 10, 2012.



Four of our personnel were also promoted to the rank of Captain as a result of the four Captains' retirement:

- **James Beach** promoted March 9th 2012 - 25 years 6 months' of service
- **Brian Kozack** promoted October 3rd 2012 - 26 years 1 month of service
- **Stan Martynuck** promoted December 10th 2012 - 25 years 11 months' service
- **Richard Pihlaja** promoted January 3rd 2013 - 26 years' service

Going forward SSMFS has developed a succession plan to replace personnel who are eligible to retire over the next four to five years. This includes a recruitment drive held in the spring/summer of 2011. Over 220 potential recruits applied; during the weeks that followed an extensive hiring process condensed the number to a list of 22 recruits.



Fire Suppression Divisional Report

In December of 2012 SSMFS hired Nathan Hanes who was the first candidate chosen from the 2011 recruitment list. Hiring new recruits in the near future will likely deplete a good portion of the current list by the end of 2014 thus creating a need for another recruitment drive possibly by the spring of 2015.

SSMFS has a promotional exam process in place for suppression personnel. The process is delivered, monitored and evaluated by our Platoon Chiefs through the office of the Assistant Fire Chief-Suppression. In 2012 a total of ten personnel participated in the class promotional process. All personnel participating in the process were successful and as a result were promoted to their respective job class.

Fire Suppression crews also continued with their involvement in Fire Prevention initiatives, conducting regularly scheduled visits to various residential establishments in our community. In 2012 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 residents of our community with an effective and essential emergency service by maintaining and enhancing the programs currently in place.



Fire Suppression Divisional Report

Training / Activities

Fire Suppression crews continually maintain their competencies, 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 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 26,199 training hours were recorded in 2012 for our Fire Suppression staff. This marks an overall increase of 772 hours over 2011 for a 3% increase in annual training hours. The total training hours statistic reflects an annual average of 297 training hours per individual focusing on several firefighter competencies.



Fire Suppression Divisional Report

SSMFS continues to deliver specialized training to suppression personnel. The following specialized training is provided:

- Ice/Water Rescue Program
- Firefighter Survival
- Confined Space
- Hazardous Materials –CBRNE response
- Vehicle Extrication
- Airport Response



During the winter of 2012 suppression personnel reviewed the theory components and performed practical ice water rescue techniques. Our four ice water rescue technicians provided the training.

Going forward in 2013 SSMFS will acquire a qualified agent to certify eight new suppression personnel to the Ice Water Rescue Technician Level. This will assure that SSMFS will have plenty of associate instructors in place to provide the necessary annual training



Fire Suppression Divisional Report

Since 2008, Firefighter Survival and Rescue program has been delivered annually to our Fire Suppression personnel. In October of 2008, four members of our Fire Suppression Division were assessed and became certified as Associate Firefighter Self Survival Instructors through the Ontario Fire College.

The course is vital 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 created a training facility at our Regional Emergency Services Center (RESC) which allows suppression personnel to exercise all the highly technical evolutions incorporated within the program. All our Fire Suppression personnel are required to complete the program annually. The program continued to evolve in 2012 enabling personnel to hone and maintain their firefighting survival skills.



Fire Suppression Divisional Report

September 2010 saw four of our personnel become certified Confined Space Rescue Technicians. Personnel were certified through the Provincial Services Health and Safety Commission (PSHSC). The course took place at ESSAR Steel and ran for five days. Personnel who successfully completed the course and became certified Confined Space Technicians are:

- **Damon Ferris**
- **Mike Simon**
- **Jeff Lajoie**
- **George Bumbacco**

These four technicians have developed a confined space training program which will be delivered to suppression personnel annually during the spring/summer.

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 firefighter recertification process. All of our Fire Suppression personnel are either currently IFSAC and Pro-Board certified or are working towards achieving their certification.

Throughout the year Fire Suppression crews continued training and improving our response capabilities related to aircraft incidents at the local airport. During the 2012 calendar year all four platoons participated in live simulated training exercises at the municipal airport in conjunction with SSM Airport staff. SSMFS expects to have all our 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 Divisional Report



A valuable and often used resource for the Suppression division is our inventory of pre-fire plans that are invaluable at fire scenes. These pre-fire plans are updated on an annual basis by Fire Suppression personnel to ensure the information contained on the documents is current. During 2012 over 180 of our pre-fire plans were updated. This information is recorded in our data base on our CriSys computer system which is located in our communication room at the main fire station. Once a 911 call is received and an address is entered, any preplan information on that

address will be accessed by our communication dispatcher 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. This proves to be a valuable practice for our fire service as firefighters gain valuable knowledge in building construction, its contents and 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 the fire suppression performance. With the support of our fire suppression personnel, we will continue to attain the goals and objectives established by Sault Ste. Marie Fire Services.



Fire Suppression Divisional Report

Highlights of Training Activities for 2012

January - March

- The Technician Level Ice/Water Rescue Program was delivered by the department's associate instructors, over 95% of our fire suppression personnel were trained to the ice water rescue technician level.
- Suppression personnel used St. Mary's River waterfront to develop shore base rescue techniques and to sharpen their water based rescue proficiencies.
- SSMF continues to send personnel to the Ontario Fire College (OFC) Company Officer program. On occasion company officer courses taken by our personnel are also available at remote learning sites within the Sault Ste. Marie area. The courses are necessary to achieve a Company Officer Level 2 diploma. SSMFS goal is to have all of our acting captains complete the CO level 2 program before they become a full time officer.
- SSMFS managed to re-certify all suppression personnel with CPR and Automated External Defibrillator (AED) training. St. John's Ambulance program was used to obtain the CPR/AED certificates.
- 2012 saw SSMFS continue to build on their Health and Wellness program using guest speakers to inform suppression personnel on subjects of their expertise. One of those speakers was Vincent Casey of ESSAR Steel; Vincent is the Rehabilitation Coordinator for ESSAR. Vincent provided suppression personnel with valuable information on mental health and codependency topics.



Fire Suppression Divisional Report

April - June

- SSMFS suppression personnel attended an Emergency Responder training seminar on Transportation of Dangerous Goods. The presentation was sponsored and offered by the Railway Association of Canada. Attendees were given a theory segment followed by a practical training scenario.
- Acting Platoon Chief Damon Ferris attended a Partners CBRNE exercise in Gravenhurst, Ontario. CBRNE teams collaborated during the week long exercise to determine HAZMAT capabilities of the group and to learn new methods. The week concluded with a training scenario where Level 2 and Level 3 teams worked in unison to resolve a HAZMAT situation.



Fire Suppression Divisional Report

July - September

- ESSAR Steel Security invited SSMFS to participate in tours of their various mills especially areas that could potentially require a response from SSMFS. The tours were a valuable preplanning asset for suppression staff assisting staff by recognizing hazards, locating water sources and identifying traffic routes.
 - Sault Ste. Marie Airport Response procedures are exercised annually to ensure that skills needed to respond to an airport situation are rehearsed and coordinated between suppression personnel and airport staff. Communication between the control tower and ground response is critical in order to minimize collateral damage an aircraft disaster may cause. 2012 was a significant year for the Sault Ste. Marie Airport Authority as they surpassed the 180,000 passenger threshold in September. This could mean that the Airport Authority may have to staff a full time fire service significantly altering SSMFS response obligations.
 - In the summer months platoons completed Hi-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 in deploying suppression personnel on to high rise rooftops and balconies. Pumper operations were also reviewed and conducted so personnel remain current. Skills for pump operators such as relay and aerial pumping evolutions were set up and practiced.
 - In August SSMFS management and association members formed the initial Wellness Committee. The objective of this committee is to identify stresses and to improve the quality of the workplace. The committee was also asked to identify subjects of special interest and to possibly bring in guest speakers to address the concerns.
-



Fire Suppression Divisional Report

October - December

- Captains Damon Ferris and Jim Beach attended the Ontario Fire College (OFC) to become qualified at the Hazardous Materials Technician Level. The week long course educated both individuals in a variety of hazardous material evolutions including air monitoring, litmus testing, and personnel protection equipment.
- Self-Survival Rescue evolutions for all personnel were reviewed and practiced at the Regional Emergency Service Center (RESC). Personnel are required annually to hone their self-survival skills and to be able to free

themselves from entanglement situations which may occur on the fire ground.

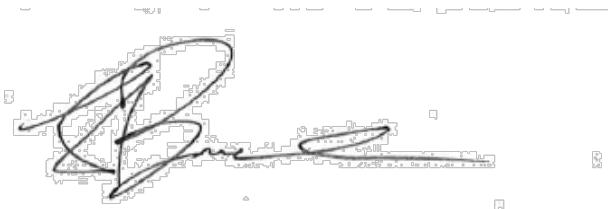
- Confined Space associate instructors conduct drills for personnel to ensure that procedures are followed should the need arise for a deployment to a confined space rescue or recovery.
- Janie Bringleson of the Canadian Diabetes Association provided an educational seminar on diabetes. Personnel learned how diabetes affects the human body, diabetes prevention and who to contact for assistance to help control diabetes.



Fire Suppression Divisional Report

In summary, Sault Ste. Marie Fire Services continues to provide a high quality of fire protection and specialized rescue services to the citizens of Sault Ste. Marie. Our service model is delivered efficiently optimizing staffing levels and adjusting to the challenges of running an emergency service. Going forward we will continue to be a progressive, well trained essential, emergency service for the City of Sault Ste. Marie.

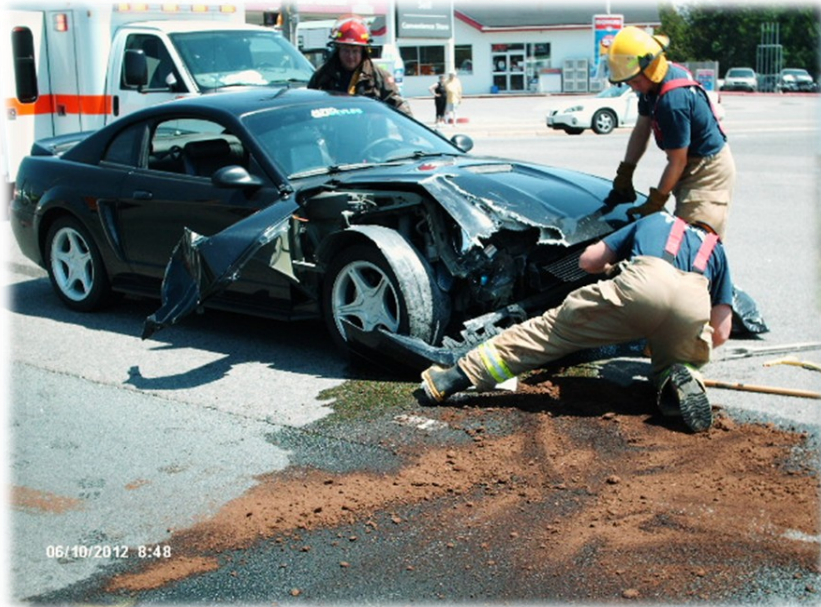
Respectfully submitted,



Frank Brescacin
Assistant Fire Chief Suppression Division



Fire Suppression Divisional Report



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 | • Introductory Fire Prevention Module | • Adult and Public Education Module |
| • Leadership & Communication Module | • Fire Safety Plan Evaluation | • Fire Scene Assessment |
| | • Advanced Fire Prevention Module | • Comprehensive Review & Exam |



Ontario Fire College

Level 2 Certificate

Stan Martynuck	CO 50102	April 23 - 27, 2012
	CO 50345	June 18 - 22, 2012
	CO 506	October 22 - 25, 2012
Rick Pihlaja	CO 50102	April 23 - 27, 2012
	CO 50345	June 18 - 22, 2012
	CO 506	October 22 - 25, 2012

Fire Prevention Officer Diploma Program Courses

Carlo Provenzano	FPO 504	July 9 - 13, 2012
-------------------------	---------	-------------------

Fire Safety Inspection and Enforcement Seminar

Paul Milosevich	Seminar	October 1, 2012
Dan Fraser	Seminar	October 1, 2012
Rocco Celetti	Seminar	October 1, 2012
Carlo Provenzano	Seminar	October 1, 2012
Paul Antonello	Seminar	October 1, 2012

Specialized Ontario Fire College Courses

Hazardous Materials - Tech Levels

Damon Ferris	H/M Tech	Oct. 29 - Nov 2, 2012
Jim Beach	H/M Tech	Oct. 29 - Nov 2, 2012

CBRNE Excercise

Damon Ferris	CBRNE Excerise	May 28 - June 1, 2012
---------------------	----------------	-----------------------

Professional Development Seminars and Specialized Courses

Jim St. Jules	CriSys User Group	April 17 - 19, 2012
Dan Crozier	Mechanical Officers' Seminar	April 20 - May 2, 2012
Dan Crozier	AutoAide Diagnostic Testing	May 17 & October 11, 2012
Bill Wallace	AutoAide Diagnostic Testing	May 17 & October 11, 2012
Bill Wallace	Spartan Chassis Training	May 17 & October 11, 2012



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

Name	Position	Years	Name	Position	Years
BARRETT, T.	Captain	27	KOZACK, B.	Captain	26
BEACH, J.	Captain	26	LAJOIE, J.	Firefighter	25
BRESCACIN, F.	Asst Fire Chief	29	MARTYNUCK, S.	Captain	25
CAMPBELL, B.	Captain	26	PAGNUCCO, M.	Firefighter	25
CARMICHAEL, T.	Firefighter	25	PIHLAJA, R.	Firefighter	25
DIONISI, M.	Firefighter	25	ROBERTSON, D.	Captain	27
DUBOIS, T.	Captain	29	ST. JULES, J.	Asst Fire Chief	25
FERRIS, D.	Captain	29	SCHILDROTH, T.	Captain	26
GILLESPIE, C.	Firefighter	25	SIMON, M.	Firefighter	25
GREGORINI, T.	Firefighter	29	SMITH, S.	Firefighter	25
HEWITT, R.	Captain	29			

30 Year Service Bar

Name	Position	Years
BAILEY, D.	Captain	33
COULTER, G.	Platoon Chief	30
LASH, B.	Platoon Chief	34
LANG, D.	Platoon Chief	31
McDERMID, W.	Captain	32
MAY, J.	Platoon Chief	30
PINNELL, M.	Captain	31
PROVENZANO, M.	Fire Chief	30
RICHARDS, R.	Captain	34
SWIFT, B.	Captain	30



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 Service Exemplary

BARRETT, T.	GILLESPIE, C.	PAGNUCCO, M.
BEACH, J.	GREGORINI, T.	PIHLAJA, R.
BRESCACIN, F.	GRIGG, D.	QUESNELE, S.
BUMBACCO, G.	HEWITT, R.	ROBERSTON, D.
CAMPBELL, B.	KOZACK, B.	ST. JULES, J.
CHEESEMAN, J.	LAJOIE, J.	SCHILDROTH, T.
CARMICHAEL, T.	MAKKONEN, P.	SHAUGHNESSY, F.
COLE, S.	MANCUSO, F.	SIMON, M.
DIONISI, M.	MARTYNUCK, S.	SMITH, S.
DUBOIS, T.	NIRO, T.	ZORZI, R.
FERRIS, D.		

30 Year First Bar

BAILEY, David
COULTER, Glen
LANG, David
LASH, Bruce
MAY, Joe
McDERMID, Wayne
PINNELL, Mirton
PROVENZANO, Marcel
RICHARDS, Randy
SWIFT, Brent





Sault Ste. Marie Fire Services

Emergency Medical Services

EMS Divisional Report



The Emergency Medical Services Division looks back on the year 2012 as the year of change. Although some constants remain, the steady increase in call volume, the daily task of meeting the medical needs of the citizens of Sault Ste. Marie and surrounding communities and the interaction with our many allied agencies so much more has changed.

One of the changes we made was to adjust the shift start times to separate them and target our peak hours of demand. In the past all crews changed within a half hour window early in the morning and evening. In 2012 we adjusted the four day crews and three night crews to spread their start and end times over a two hour period starting at 6 o'clock AM and PM. As with many jobs paramedics cannot stop working in the middle of a response so the staggered times created two efficiencies; first, staff were more often able to go home after their 12 hour shift, not caught in the middle of a response at shift's end. Secondly, the other half of the efficiency was an approximately \$10,000 dollars saved in shift extension cost that were avoided.



EMS Divisional Report

Another of the large changes we saw in the past year was an improvement in a long standing issue of off load delays. This term is well known throughout the province in all larger communities; it is the time paramedics spend continuing care of their patients inside the hospital while waiting for hospital staff to accept the patient and be responsible for continued care. Through a co-operative effort with Sault Area Hospital the issue, although far from gone has been reduced by as much as 50%. At the end of 2011 paramedics were spending almost 200 hours per month in the hospital unavailable to provide service to the community. This has been reduced to less than 100 hours per month. This resulted in less time spent standing by in hospital along with a savings of wages previously spent adding paramedics to ensure adequate paramedics were available. Many people believe if they are transported by ambulance they will receive preferential treatment on arrival at the hospital but this is not the case. The hospital staff will assess the patient's needs and based on available resources of room and staff will either send the patient to the waiting room or leave them in the paramedic's care until they are able to accept the patient.

With a larger focus always being placed on worker safety and reduction of injury potential and in the spirit of teamwork, EMS and Fire Suppression divisions have supplied each working Fire crew with a large capacity patient stair chair. Stair chairs are used to extricate patients from tight quarters and where stairways are encountered. Ambulances carry a basic chair that will handle a patient that two people can safely move, for larger patients or difficult moves Fire Suppression crews can back up paramedics by bringing the large capacity chair and extra manpower for a safe move. Fire suppression crews also respond to scenes where the potential for cardiac arrest exists as they carry AEDs (automatic external defibrillators) and oxygen kits on the fire trucks and can initiate patient care.



EMS Divisional Report

As part of the efforts to deliver consistent cost effective service the fleet replacement schedule was followed and an aging and inefficient ambulance was replaced with a new unit. With each passing year ambulances provide a better designed workplace for both the paramedics and patients with safety and comfort built in. The service only buys ambulances certified to carry two stretchers which is important when covering the vast region for which we are responsible.

Major Call Types	# of Patients Treated
Short of Breath	665
Cardiac problems	626
MVC (Motor Vehicle Accident)	329
Stroke TIA	174
Cardiac Arrests	135
Baby Deliveries	3

Age of Patients (Years)	# of Patients Treated
0 to 10	173
11 to 20	789
21 to 40	1,237
41 to 60	2,491
61 to 80	3,436
81 to 100	2,699
100 +	17



EMS Divisional Report

A number of staff changes were made in 2012 and we welcomed several new paramedics to our ranks. Most notable of these changes came about due to the retirement of David Stotesbury, the end of a career spanning 43 years as a paramedic serving the Sault Ste. Marie area for the majority of those years. New paramedics are hired from our recruitment reserve list and start as part time gaining knowledge and learning everyday that a paramedic's world is ever evolving and unpredictable. All paramedics share the driving and patient care duties with their partner, alternating the roles as they work together as a team. In 2012 the provincial guidelines for use of our more advanced medical directives underwent major changes in how paramedics can use the medications and skills to treat a wide variety of medical conditions. Changes like these are achieved through classroom, on-line and day to day self-directed training. As always the oversight of the North Eastern Ontario Paramedic Care Program ensures consistent delivery of these advanced directives.



EMS Divisional Report

Paramedics are busy people most visible when driving around town or out on the area highways, often using emergency lights and siren to alert drivers to yield right of way for them to provide the prompt care as required. They are always on the lookout for the driver who does not respond with the proper “pull to the curb and stop” reaction that clears a safe path for all emergency vehicles. Furthermore, several of the paramedics have volunteered to promote themselves and the services they provide by participating in many community events such as the Kids Festival each June, the Rotary Santa Claus and Goulais Days parades and to support the local Soup Kitchen by organizing a one day drive that was very successful bringing in approximately 1,700 pounds of food and a cash donation. In addition to the volunteer hours paramedics took part in there was some additional work available above and beyond the regular deployment. On a cost recovery basis we supported three separate movie production films in 2012 providing paramedic services for incidents during stunt shoots or other potentially risky scenes. All of the Soo Greyhound games also require a paramedic crew on standby as part of the OHL rules. These are scheduled separately and have no impact on regularly staffed ambulance operations.

With call volume ever increasing throughout the area we cover as far north as Montreal River and to Laird Township in the east, the number of rural and remote calls also climbs. We respond to many of these areas knowing the community volunteer fire departments are able to provide initial emergency medical response until the paramedics arrive and then assist with ongoing care as needed. To better support these partners providing life saving patient care in 2012 we arranged on-going medical training. This is organized in modules and scheduled for easy attendance to maintain the volunteers’ skills. In the past, an intense four day course was followed years later with another concentrated course. This new format with our training partners will ensure quality patient care and self confidence in our volunteer colleagues.



EMS Divisional Report

This past year also saw the first established new Response Time Performance Plan submissions to the Director of the Ministry of Health Long Term Care Emergency Health Care (MOH-LTC). All ambulance services in the province are now responsible for establishing, projecting and reporting on their response times for all emergency ambulance responses. The table submitted is a projection of performance expectations for the next calendar year. The MOH-LTC has established a time goal for cardiac arrests of six minutes for any defibrillator to arrive at the patient and for the most severe patients, a paramedic to arrive in eight minutes. Each service sets a percentage they expect to meet these goals and establishes goals for less severe patients as well. Patient severity is scored on a nationally used scale from one to five known as Canadian Trauma Acuity Scale (CTAS), one being highest and five the least urgent. Using past data and projecting call volumes and resources the EMS division prepared and submitted the table below.

Submitted October 2012: The projected 2013 Response Time Performance Plan

Type of Call	Response Time Target	Proposed Target %
Sudden Cardiac Arrest (SCA)	Six (6) minutes or less; Defibrillator response	40
CTAS Level 1- resuscitation or life threatening	Eight (8) minutes or less; Paramedic response	50
CTAS Level 2 - emergent	Ten (10) minutes or less; Paramedic response	75
CTAS Level 3 – urgent	Fifteen (15) minutes or less; Paramedic response	75
CTAS Level 4 – less urgent	Thirty (30) minutes or less: Paramedic response	75
CTAS Level 5 – non urgent	Sixty (60) minutes or less: Paramedic response	85



EMS Divisional Report

The evaluation of our performance as compared to our goals is to be submitted by March 1st of the following year (2014). The plan can be altered at any time by re-submission but for this first year we will be evaluating and planning through the year but expect our submitted goals to stand.



EMS Divisional Report

So what did we do on the over eleven thousand (11,176) emergency medical responses (calls) in 2012? As noted in the first section of this report the priority and general volume can be seen but the lists below break out what we hope are some interesting statistics.

Total calls for 2012: 11,176	
Average per Day	30.6
Dispatched "lights and siren" to scene	7,204
Transported to hospital "lights and siren"	1,417

Fleet statistics 2012	
Kilometers traveled	215,342
Average Kilometers per day	590

Results of calls	
Patients delivered to Sault Area Hospital	8,272
Patients who refused transport	1,129
Patient transfers to or from the airport	871
Calls to the Sault North area	227
No patient found at scene	263
Person left in police custody	69



Robert Rushworth
Manger - EMS Division





Sault Ste. Marie Fire Services

Fire Prevention & Public Education

Fire Prevention & Public Ed. Divisional Report



In 2012 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 2012, 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. Once again, compliance above the 90th percentile was achieved.



Fire Prevention & Public Ed. Divisional Report

Public Education Programs

In 2012 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 2012, the Prevention Division continued to provide educational messages in news print, pamphlets and our dynamic message sign board.



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 2012, the Fire Prevention Division presented the “Tools Not Toys” program to our local kindergarten through Grade 3 elementary school children. The objective of the program is to help children recognize household items that are not safe to play with or use. Place cards displaying safe and unsafe household items are used during the lecture. Children are asked to distinguish between the items and separate them into their respective grouping. Matches and lighters, irons, stoves, space heaters are a few of the items that are reviewed. Each child is challenged to discuss these items with their family and to identify which are safe or not. A recurring theme in all our school programs is ensuring homes have working smoke alarms. We challenge the students to test their smoke alarm with their family when they go home. The Prevention Division is confident that a large percentage of these students did indeed test their alarms with their family.



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 “Tapp-C”. (The Arson Prevention Program for Children) 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.

The theme of the lecture is that Fire Services does not take “fire play” lightly. Fire Services discusses potential consequences, both personally and legally for acts such as lighting dumpsters, aerosol containers and various other dangerous fire related acts. We ensure the students understand that playing with fire is not “cool,” and has serious ramifications.

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.

Type	Amount
Building Inspection	563
Retrofit Inspections	41
Residential Smoke Alarm Insp.	741
Complaints	225
General Information	259
Miscellaneous	54
Flow Tests	1
Fire Alarm Tests	8
Building Re-Check Inspections	468
Retrofit Re-Check Inspections	73
Fire & Explosion Investigations	88
Vandalism & Arson Invest.	5
Burning Permit Re-Inspection	2,644
Burning Permit Inspections	707
Total	5,877

The Prevention Division follows the recommended Ontario Fire Marshal guideline ‘OFM-TG-01-2012’ 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.



Fire Prevention & Public Ed. Divisional Report

Type	Amount
Property File Search	\$62.00 + HST
Property Re-Sale Inspection	\$108.00 + HST
Day Care 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 2012 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 2012.

Type	Amount
Station Tours	47
Buildings / Site Plans Reviewed	2
Planning Department Reviewed	28
Committee of Adjustment Reviewed	75
Special Occasion Reviewed	15
Barrister File Searches	24
Lane / Street Closure Reviewed	15
Notice of Violation / Legal	20
Provincial Offenses	30
Smoke Alarm Tickets	7
Fire Safety Plans	79
Fire Safety Plans Reviewed	96
Fire Site Pre-Plans	169
Public Relations	111



Fire Prevention & Public Ed. Divisional Report

Fire Prevention Week

“Have Two Ways Out” was the theme for the 2012 Fire Prevention Week. Over the week of Oct 9th through to the 15th, Fire Services set up a manned display in the entrance of “Walmart.” The display consisted of various prevention messages such as , knowing two ways out of all buildings, having working smoke alarms, recognizing household hazard related to fire, etc. As patrons entered the store they were engaged by a Fire Prevention Officer to discuss fire related issues. Public education in this regard is a very good reminder to test and/or replace batteries in smoke alarms. A display of smoke alarms, batteries, carbon monoxide alarms was conveniently placed beside the display. By week’s end, a large percentage of the product was purchased.

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. Participants in the program are also assessed by mental health professionals. The 2012 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.



Fire Prevention & Public Ed. Divisional Report

Type	Amount
Apartments	182
Bars / Taverns	5
Barber / Beauty Shops	4
Churches	6
Community Halls	20
Daycare - Assembly	3
Daycare - Residential	12
Detention Facility	1
Dwelling - Residential	56
Garage / Auto Body	12
Grocery / Markets / Meats	2
Group Homes / Homes for Aged	42
Hospitals / Clinics	3

Type	Amount
Hotels / Motels	11
Industrial	33
Laundromat	2
Lumber	1
Miscellaneous Building	11
Offices	23
Printing	3
Restaurants	21
Rinks / Arenas	8
Schools	64
Stores	38
Total Building Inspections	563



Fire Prevention & Public Ed. Divisional Report

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	163
Lectures	239
Demonstrations	33
Fire Drills	55
School Presentations	272



Fire Prevention & Public Ed. Divisional Report

Risk Watch Coalition

In 2012 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 2012. 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 2012.

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 blue 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 Division

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 Communication Room, including operation of the CriSys Dispatch System, the Municipal Fire Alarm Monitoring System, the HazMat computer as well as radio and telephone procedures. Four new recruits were hired in 2012 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.

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



Support Services Divisional Report

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 the system administrator in 2012. The benefits of this training and new product information will be used this coming year. This system was updated per our maintenance and hardware agreement with CriSys in the late fall of 2012. 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 for over one year now with over 120 persons registered to date. This provides valuable information in the event of an emergency involving a registered vulnerable person.



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 Divisional Report

Fire Stations

Maintenance of four fire stations is part of Support Services' responsibility. There were some major renovations to fire stations in 2012. The main station had natural gas radiant heaters installed to replace the existing electrical floor heating and infra-red ceiling heaters. The energy savings are estimated to pay back the costs in 4.5 years based on the consultants audit report. Lighting in #1, #2, #3 halls was upgraded and motion sensors added to improve energy efficiencies. Headquarters office was reconfigured to provide more privacy in work areas to enhance productivity and efficiency. Installed secure parking compound at rear of # 1 station for employee vehicles in an effort to reduce ongoing vandalism.

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 2012. 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 ambulance fleet also. 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 Divisional Report

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, 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 upgrades of maintenance procedures for various Fire and EMS equipment. Other technical seminars for mechanics are held in house during the year.



Jim St. Jules
Assistant Fire Chief Support Services





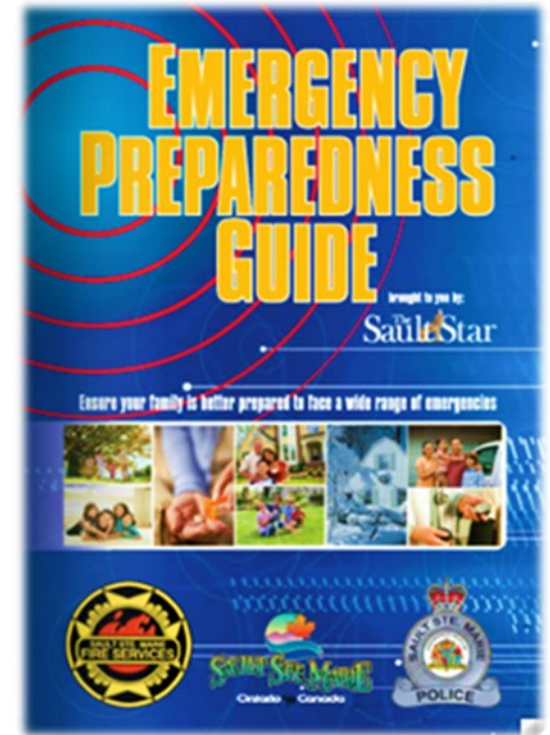
Community Emergency Management Coordinator

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 potential hazards, designing and implementing strategies to reduce or eliminate these hazards, preparing a community for response to hazards, and assisting with the direction of a community's response, should an event occur.



Community Emergency Management Coordinator

Emergency Management Program

Sault Ste. Marie's Emergency Management Program focus' on those hazards that have been identified as having the greatest likelihood of occurrence and the greatest potential impact, ensuring wherever possible that our community is prepared to respond to an event. Preparing for a potential emergency can be done through preplanning, public education, training and exercises.

Preplanning

City's Emergency Response Plan

The Emergency Management Coordinator 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 updated Emergency Response Plan visit the *Emergency Preparedness* section on the City's website.

Emergency Shelter Survey

A part of the City's preplanning includes making preparations in the event we would require people to evacuate their homes and take shelter in a safe location. Working with the Red Cross we have surveyed and approved two new sites that could be used as shelter locations.



Community Emergency Management Coordinator

Public Education

Emergency Preparedness Showcase

In 2012, Emergency Management partnered with the Canadian Red Cross to host the first annual Emergency Preparedness Showcase. This interactive Showcase featured local emergency response partners who were on hand to discuss what their roles would be during a large-scale emergency. The Showcase was a great wrap up to Emergency Preparedness Week, a national initiative that runs the first full week of May which raises awareness on individual and family preparedness.



Community Emergency Management Coordinator

Emergency Preparedness Guide

In collaboration with the Sault Star, the Emergency Preparedness Guide was updated and redistributed throughout the Algoma District as a valuable resource to prepare individuals for emergencies. This guide highlights steps that can be taken before, during and after an emergency to ensure the safety and resiliency of our community members. This guide lists valuable contact information, templates and a variety of services throughout the community and can be accessed on the City's website under *Emergency Preparedness*.

Training and Exercises

TransCAER

The Huron Central Rail Yard sponsored the Transportation Community Awareness and Emergency Response (TransCAER) session a nationwide community outreach program administered by manufacturers and transporters of dangerous goods. The training addressed community concerns about dangerous goods through planning and cooperation with local emergency response agencies and ended off with a tour of the Rail Yard for participants.



Community Emergency Management Coordinator

Bridge Evacuation Functional Exercise

In March of 2012 Sault Ste. Marie, Ontario and Michigan participated in a joint exercise to test the updated plans for the evacuation of the International Bridge and Cross- Border Patient Transfers. Over 40 emergency management and law enforcement representatives from both sides of the border participated in the exercise providing a successful opportunity to ensure that a long-term strategy and plan are in place for the ultimate benefit of protecting this region, on both sides of the border.



Community Emergency Management Coordinator

ARES Communications Exercise

Sault Ste. Marie's local Amateur Radio Emergency Services (ARES) Group participation in a national exercise to test emergency communications. Amateur Radio operators are most likely to be active after disasters that damage regular lines of communication, and can be used to relay information to emergency services and officials at the provincial level. This exercise tested communications from all the possible relay locations in the Sault including all four fire halls, all Mac's convenience stores, the Police building and the Sault Area Hospital.



Lauren Perry
CEMC





Sault Ste. Marie Fire Services

Community Outreach

Community Outreach



It is my pleasure to present Fire Services' second "Community Involvement" report. As a fire service we continue to involve our community in our everyday operations. Fire Prevention Division has reported on 2012 school programs and the involvement Fire Prevention and Suppression divisions have with children and the safety messages we promote. In addition, we continued to involve our Community with the Annual 24 hour Hockey Marathon; Pancake Breakfast; Pasta Dinner and Bake Sale. Sault Ste. Marie Fire Services participated in the Easter Seals telethon held at the Civic Centre and Firefighters were on hand twice with Boot Drives

at local malls. Our fun game of baseball with our good friends from TAPS (treat all people special) has been growing in popularity over the past ten years. Firefighters were also busy golfing in numerous fundraising events throughout the summer.

We have planned a number of training sessions to be held at senior facilities and commercial businesses in the coming year to demonstrate what firefighters do and how they do it. We encourage the public to come out, visit us and ask questions.

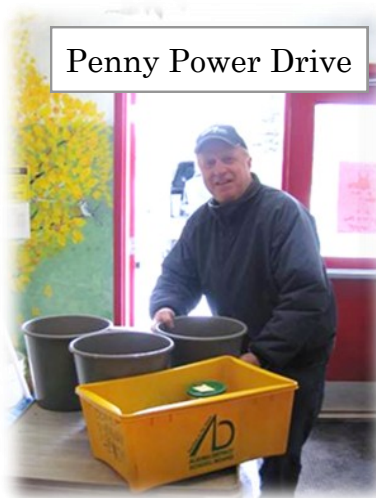
Following is a collection of pictures from some of our Community Involvement events held during 2012.

Dave Lang
Platoon Chief - Suppression Division





TAPS Softball Game



Penny Power Drive



Stove Donation
to Etienne
Brule School



24 Hour Hockey Marathon



Community Outreach Beyond 911 Responses

Contact Information

Emergency

Dial 911

Fire Services

Fire Burning Permit Hotline

705-949-9898

or

Go to Sault Ste. Marie Website:
www.cityssm.on.ca

Fire Prevention

705-949-3377

C.E.M.C

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

E.M.S

#5 EMS Station

(705) 575-6260

EMS Services

(705) 949-3387

Regional Emergency Services Complex (RESC)

(705) 946-4254





Sault Ste. Marie Fire Services • www.city.sault-ste-marie.on.ca

