



National Search and  
Rescue Secretariat

Secrétariat national  
Recherche et sauvetage

# SAR SCENE 2006 WORKSHOP PROGRAM

Gatineau, Québec

October 4 - 7



SEARCH  
AND  
RESCUE



RECHERCHE  
ET  
SAUVETAGE



Canada

# WELCOME TO SARSCENE 2006



**Jean E. Murray**  
Executive Director, National Search and Rescue Secretariat

The NSS, in cooperation with the Sûreté du Québec, is pleased to present the 15<sup>th</sup> annual SARSCENE Workshop in Gatineau, Québec, with the assistance of the Association québécoise des bénévoles en recherche et sauvetage.

This year's location in the beautiful Outaouais region is as inspiring as the people and technology being showcased at SARSCENE. The location also has two aspects of great importance for SARSCENE delegates.

First, it is an area of remarkable natural beauty situated between the Ottawa River and the Gatineau Hills. I hope you will take some time to explore this unique region.

Second, the proximity to the federal government community brings search and rescue closer to high-level decision makers within the federal government, many of whom have been invited to attend SARSCENE 2006 to experience the world of SAR.

As in past years, SARSCENE is an opportunity to share knowledge and experiences with colleagues from across Canada and around the world. This year's program, which includes over 70 presentations, demonstrations, displays and exhibits, has a few changes based on your feedback from previous years. We always appreciate your suggestions.

The cornerstone of search and rescue is reflected in this year's theme, *Strength in Community*. Over 20,000 people are on the front lines of SAR in Canada, and countless others provide a network of support. The NSS continues to be a proud member of this community.

I hope that you will take full advantage of the many opportunities throughout SARSCENE to strengthen the SAR community.



**M. Normand Proulx**  
Director General of the Sûreté du Québec

The Sûreté du Québec is proud to be the National Search and Rescue Secretariat's local host for the 15<sup>th</sup> annual SARSCENE workshop.

The Sûreté du Québec, which by its mandate provides SAR services in the province is pleased to share its expertise with SAR professionals from around the world, whether they are participating as speakers, learning as delegates, competing in the Games, or watching the Demonstrations.

It is with great pleasure that we welcome you to the beautiful Outaouais region. The members of the Sûreté du Québec join me in wishing you a great SARSCENE experience, and thank you for contributing to its success.



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## SARSCENE 2006 Organizing Committee

### National Search and Rescue Secretariat

Edward Hitchcock  
Elizabeth Katz  
Lori MacKay  
Kathleen McLeod  
Jennifer Reaney

### 2006 Sûreté du Québec Co-host Committee

Capt. Pierre Allaire  
Louis Arsenault  
Lt. Richard Bourdon  
Maj. Colin Duncan  
Sgt. Robert Lajoie  
Sgt. Arnold Lessard  
Suzie Malouin  
Capt. René Marchand  
Yves Nadeau  
Capt. Livio Paronuzzi  
Sylvie Pinel  
Raoul Proteau  
Capt. Jean-Marie Samson  
Sgt. Marc Saumure  
Cpl. Brad Willet

The 2006 Organizing Committee would like to thank all the volunteers who have helped to make SARSCENE 2006 possible. We couldn't have done it without you!

*Program Design and Layout*  
Lori MacKay, NSS

# TRAINING SESSIONS AND MEETINGS

## TRAINING SESSIONS

October 2-5

### Tracking Course

**Instructor:** Everett Savary

Monday, October 2: 8:00 - midnight

Tuesday, October 3: 8:00 - noon

### Wilderness First Aid Course

**Instructor:** Sirius Wilderness Medicine

Monday, October 2: 8:30 - 17:30

Tuesday, October 3: 8:30 - 17:30

### Search and Rescue K9 Training Seminar/Workshop

**Instructor:** Dave Walker

Tuesday, October 3: 13:00 - 24:00 (11 hours)

Wednesday, October 4: 9:00 - 18:00 (9 hours)

## MEETINGS

October 2-7

*Please note that some meetings are by invitation only.*

### Joint Meeting of the Interdepartmental Committee on Search and Rescue and the National Ground SAR Council of Canada

**Contact:** Edward Hitchcock

Tuesday, October 3: 8:30 - 12:00

**Location:** Suzor-Côté room, Hilton Lac Leamy

### National Ground Search and Rescue Council of Canada

**Contact:** Edward Hitchcock

Tuesday, October 3: 13:00 - 17:00

**Location:** Suzor-Côté room, Hilton Lac Leamy

### RCMP Interoperability Workshop

**Contact:** Sgt. Robert Lajoie

Wednesday, October 4: 10:00 - 12:00

**Location:** Julien room, Hilton Lac Leamy

### SARVAC Board of Directors

**Contact:** Harry Blackmore

Wednesday, October 4: 10:00 - 12:00

**Location:** Gagnon room, Hilton Lac Leamy

### Prevention Working Group — open to all

**Contact:** Valérie Beaulieu

Thursday, October 5: 16:00 - 17:00

**Location:** Morrice room, Hilton Lac Leamy

### SARVAC Information Meeting — open to all

**Contact:** Harry Blackmore

Thursday, October 5: 17:30 - 18:30

**Location:** Julien-Gagnon room, Hilton Lac Leamy

### RCMP POWPM

**Contact:** Sgt. Robert Lajoie

Saturday, October 7: 10:00 - 12:00

**Location:** Walker room, Hilton Lac Leamy

SARSCENE 2006

## SCHEDULE AT A GLANCE

### Monday, October 2 and Tuesday, October 3

All day: Closed meetings and training sessions

### Wednesday, October 4

8:00 to 16:00: SARSCENE Games

19:30 to 21:30: Meet and Greet for all delegates

### Thursday, October 5

8:30 to 10:00: Opening Ceremony

10:00 to 18:30: Trade show

10:30 to 16:30: Presentations

16:30 to 18:30: Spotlight on Exhibitors

19:30: Volunteer Appreciation Night

### Friday, October 6

8:00 to 16:30: Presentations

9:30 to 15:30: Trade show

10:40 to 13:00: Lunch with the exhibitors

19:00: SAR Awards Banquet

### Saturday, October 7

8:30 to noon: Presentations

13:00 to 16:00: Demonstrations

A special thanks to the following SARSCENE 2006 supporters:

- EMS SATCOM
- Seimac
- PROCON
- Osmoco
- Salus Marine Wear
- Mustang Survival
- Helly Hansen Canada
- Salamander Technologies
- Neo-Paws International



### SARSCENE Dress Guidelines for Uniformed Participants

To assist with ensuring uniformity among the various military, police, fire, ambulance and other uniformed participants at SARSCENE, the following guidelines are presented for your use.

- Workshops, presentations, exhibits, meetings: uniform Dress of the Day (work attire)
- Wednesday Meet and Greet: civilian casual attire
- Thursday Opening Ceremony: uniform Dress of the Day (if a speaker: tunic and tie; ribbons not medals). For playing of National Anthem hats on and salute
- Friday Awards Banquet: uniform tunic and tie; ribbons not medals

# IMPORTANT POINTS AND SPECIAL EVENTS

## Registration Desk Hours

The registration desk will be open as follows:

Tues. Oct. 4: 14:00 to 18:00  
Wed. Oct. 5: 10:00 to 20:00  
Thurs. Oct. 6: 07:00 to 18:00  
Fri. Oct. 7: 08:00 to 18:00  
Sat. Oct. 8: 08:00 to 10:00

Tickets for the Volunteer Appreciation Night and the Awards Banquet will be on sale at the registration desk.

## Program Changes

Please check every day for changes to the program, which will be posted at the registration desk and at the door of each presentation room.

## Name Tags

Name tags are needed for entry to presentation rooms, the trade show, and off-site events.

## Interpretation Headsets

Simultaneous interpretation is offered at every presentation. Headsets are available for loan and must be returned at the end of each session. ID is needed in exchange for the headset.

## SAR Awards Banquet Tickets

Tickets are \$35 and will be on sale at the registration desk until Thursday at 18:00. Tickets are limited this year, so be sure to pick up yours early. *Please bring your ticket to the banquet and present it upon request.*

## Working Dogs

Working dogs are permitted at the Hilton Lac Leamy. Please ensure that your dog is clearly identified as a working dog, that it is crated when left unattended, and that it is on a leash at all times.

## Evaluations

Help us make SARSCENE even better! There are two types of evaluation forms: individual presentations and an overall evaluation form.

- *Individual presentations:* Please fill out the forms for individual presentations and return them to the volunteers at the end of each session.
- *Overall evaluations:* The overall workshop evaluation form is in your registration kit. Return this completed form at the banquet or return it to the box located at the registration desk.

## Transportation to off-site activities

Round-trip transportation will be provided to the Volunteer Appreciation Night on Thursday, October 5<sup>th</sup>. The bus will run between the Hilton Lac Leamy and the Ramada Hotel to the Regional Headquarters of the Sûreté du Québec every 15 minutes between 19:30 and midnight.

## EVERY DAY

**Outdoor displays:** Visit the various displays throughout SARSCENE.

**Location:** Parking Lot 5, Hilton Lac Leamy

## WEDNESDAY, OCTOBER 4

### SARSCENE GAMES 8:00 to 16:00

The 10<sup>th</sup> annual SARSCENE Games begin at 8:00 with the team briefing and continue with the opening ceremony at 8:30. The lunch provided to volunteers is sponsored by Seimac.

**Location:** Lake Leamy Park

### MEET AND GREET 19:30 to 21:30

Following the Games, mingle with new and old friends at the Meet and Greet in the Beethoven Salon. A light dinner and a cash bar will be available. Games winners will be announced and prizes awarded. This event is sponsored by PROCON.

**Location:** Beethoven Salon, Hilton Lac Leamy

## THURSDAY, OCTOBER 5

### OPENING CEREMONY 8:30 to 10:00

The Opening Ceremony will begin at 8:30.

**Location:** Théâtre du Casino, Hilton Lac Leamy

### TRADE SHOW OPENING 10:00

Join us in the trade show for coffee and check out new ideas and products from this year's exhibitors. See page 18 for trade show hours and a list of exhibitors. **Location:** Beethoven/Mozart Salon, Hilton Lac Leamy

### SPOTLIGHT ON EXHIBITORS 16:30 to 18:30 (New!)

Enjoy a complimentary light dinner while visiting the exhibits. Join the fun and maybe win some prizes.

**Location:** Beethoven/Mozart Salon, Hilton Lac Leamy

### VOLUNTEER APPRECIATION NIGHT 19:30

The organizing committee is inviting you to a social evening to discover the strength of the SAR community. The SQ is offering a shuttle service from the Hilton to its regional headquarters, between 19:30 and 24:00; please use it! Tickets for the night (\$5 each) will be available at the registration desk. Welcome to all!

## FRIDAY, OCTOBER 6

### EXHIBITORS' LUNCH 11:15 to 13:00

Enjoy lunch in the trade show while visiting exhibits.

**Location:** Beethoven/Mozart Salon, Hilton Lac Leamy

### LIVE AUCTION 12:00 (New!)

Donated items will be auctioned off live at the Exhibitors' Lunch. Items will be on display beginning Thursday at noon. Funds raised will support the Association Québécoise des Bénévoles en Recherche et Sauvetage. Winners can pick up their items in the Volunteer Lounge located on the upper level on Saturday until 12:00.

**Location:** Beethoven/Mozart Salon, Hilton Lac Leamy

### SAR AWARDS BANQUET 19:00 to 23:00 (New day!)

Join us for an evening of cocktails and dinner in the Beethoven/Chopin Ballroom. This special evening honours the recipients of this year's Outstanding SAR Achievement Award and Certificates of Achievement. The evening begins with cocktails at 19:00 and dinner at 20:00. This event is sponsored by EMS SATCOM.

**Location:** Beethoven/Chopin Ballroom

## SATURDAY, OCTOBER 7

### SAR DEMONSTRATIONS AND DISPLAYS 13:00 to 16:00

This year's SAR demonstrations feature SAR water and aircraft from several organizations. Air and marine demonstrations begin at 13:00 and the displays will be in the park until 16:00. Both are subject to weather and SAR operational requirements.

**Location:** Lake Leamy Park.

### K9 DEMONSTRATION 14:15

Join several K9 teams who will demonstrate the skills required of a SAR K9 in obedience, agility, and search. **Location:** Lake Leamy Park.

### SURVIVAL GEAR FASHION SHOW 15:15

See some of your SAR colleagues and local personalities demonstrate the latest personal flotation devices and rescue wear for the rescue professional and the general public. Gear supplied by Mustang Survival, Helly Hansen Canada, and Salus Marine Wear. **Location:** Lake Leamy Park.

# SAR GAMES, DEMONSTRATIONS AND DISPLAYS

## SARSCENE GAMES — WEDNESDAY

The 10<sup>th</sup> annual SARSCENE Games take place in Lake Leamy Park on Wednesday, October 4<sup>th</sup>. The Games site is a 10 minute walk from the workshop hotel, the Hilton Lac Leamy. The on-site briefing for competitors begins at 8:00, followed by the opening ceremony at 8:30.

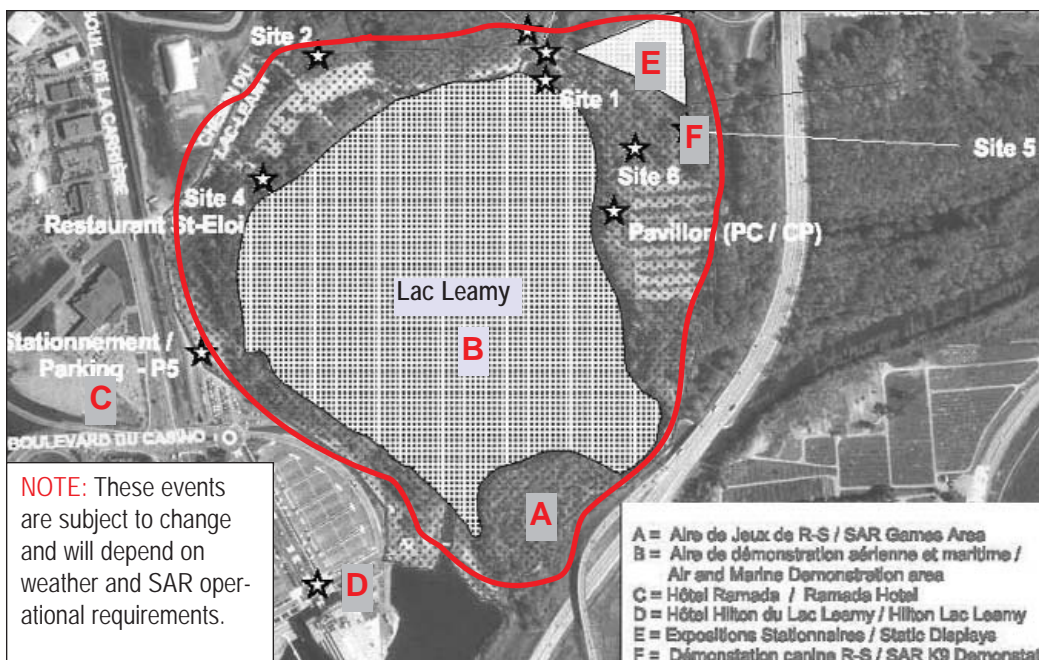
The Games consist of six refereed events that test many of the basic skills ground search and rescue teams are likely to use. Teams of four may be tested on navigation, rope tying and basic rescue, medical response, survival skills, search planning, and clues and evidence handling.

Established in 1997, the SARSCENE Games are held every year in conjunction with the workshop.

There are no K9 games this year, but stay tuned for SARSCENE 2007!



## SEARCH AND RESCUE DEMONSTRATIONS — SATURDAY



**NOTE:** These events are subject to change and will depend on weather and SAR operational requirements.

Canadian Forces search and rescue aircraft

- CH-146 Griffon

Royal Canadian Mounted Police — Air Division

- Eurocopter "A STAR" - AS 350

Royal Canadian Mounted Police — Marine Division (to be confirmed)

La Sûreté du Québec — Air Division

- Bell 412 HP
- Communications Research Centre and the Canadian Space Agency
- Portable communications system including satellite dish with two-way (Internet) access

### SAR K9 DEMONSTRATION

Lake Leamy Park at 14:15, area F on map

Beautiful Lake Leamy Park, a 10 minute walk from the Hilton Lac Leamy, is the setting for this year's SAR demonstrations and displays on Saturday, October 7<sup>th</sup>. The displays are open to the public from 12:00 to 16:00, with live air and marine demonstrations taking place at 13:00 on Lake Leamy.

### AIR AND MARINE DEMONSTRATION

Lake Leamy Park at 13:00, area B on map

Organized by Captain Livio Paronuzzi (air coordination) from the Joint Rescue Coordination Centre, Trenton, and Captain Pierre Allaire (marine coordination) of the Sûreté du Québec, the SAR demonstrations are scheduled from 13:00 to 14:00, and will include:

- Canadian Forces SAR CH-146 Griffon helicopter from 439 Squadron in Bagotville, QC
- Canadian Forces Hercules SAR aircraft from 424 Squadron in Trenton, ON
- Sûreté du Québec marine vessels
- La Sûreté du Québec, Bell 412 HP

The demonstration will simulate the rescue of crew members from a vessel in distress. A second scenario will feature a dog and handler hoisted down from a helicopter to locate and evacuate a victim.

### STATIC DISPLAYS

Lake Leamy Park, areas E and C on map

From 12:00 to 16:00, static displays are open to the public in Lake Leamy Park and Parking Lot 5 of the Hilton Lac Leamy, including:

Join several K9 teams, including three teams from the Hamilton Police Search and Rescue Unit (Ontario) and one team from the Sûreté du Québec, as they demonstrate the skills required of a SAR K9 in obedience, agility and searching for missing persons.

*The K9 demonstrations are organized by Dave Walker and Sgt. Denis Grenier.*

### SURVIVAL GEAR FASHION SHOW

Lake Leamy Park at 15:15, area E on map

See your colleagues from the SAR community demonstrate the latest personal floatation devices and rescue wear for the rescue professional and the general public.

# PRESENTATION SCHEDULE

THURSDAY, OCTOBER 5

Opening Ceremony from 8:30 to 10:00 in the Théâtre du Casino

	Suzor-Côté	Delfosse	Chopin	Julien-Gagnon	Walker
10:30 to 11:10	Exercise March Forward <b>Ed Czank,</b> <b>Tony Comella</b>	Train one, Save Many Fundraising Campaign <b>David Shepherd</b> <b>I</b>	Leading Leaders <b>Chris Long</b> <b>I</b>	Helicopter Rescue at the Sûreté du Québec <b>Karl Sasseville,</b> <b>Yves Girard</b>	Implementing the 2005 Changes to CPR and First Aid Training Programs <b>Rick Caissie,</b> <b>Tracey Braun</b>
11:15 to 12:00	COSPAS-SARSAT Programme Status, Developments <b>Daniel Lévesque,</b> <b>Cheryl Bertoia</b>	International Polar Year 2007-2008 <b>Marty Bergmann</b>	The Canadian Coast Guard Auxiliary: Serving Local Communities <b>Malcolm Dunderdale</b>	Level of Involvement of SAR Volunteers <b>Raoul Proteau</b>	What do those Numbers Mean Anyway? GPS <b>Bill Steer</b>
<b>LUNCH</b>					
13:00 to 13:40	Prevent Water Incidents <b>P. Garapick,</b> <b>C. Tucker-Reid</b>	Enhancement of Precipitation Analysis and Forecast at the MSC <b>Viateur Turcotte</b> <b>NIF</b>	Search Duration: when do you stop searching? <b>Jim McAllister</b>	JRCC, the CF and the new Canada Command <b>Maj. Tanguay,</b> <b>Maj. Duncan,</b> <b>Maj. MacDonald</b>	Using ATVs in Ground Searches <b>Michel Lafleur,</b> <b>Gilles Poirier</b>
13:45 to 14:25	The Avaluator: a Canadian avalanche safety decision tool for amateur recreationists <b>Dr. Pascal Haegeli</b> <b>NIF</b>	Maritime SAR in the United Kingdom <b>Mark Rodaway</b>	Ground Search Team Leader: planning for the SAR mission - The Film <b>Don Blakely,</b> <b>Jim Elderton</b> <b>NIF</b>	The Extended Maritime Survivor Locator (EMSL) <b>Dean Rowsell</b> <b>NIF</b>	Dementia Assistance Committee: a model for change in policing <b>Sgt. Jaswal</b>
<b>BREAK</b>					
15:00 to 15:40	SAR: A 360 degree perspective <b>Andy Olesen,</b> <b>Cst. Clayton</b>	Dealing with the Media at the Sûreté du Québec <b>Lt. Bourdon</b>	Impact of the Canada Labour Code on SAR Volunteers <b>S/Sgt. Erickson</b>	Geomatics as a Tool for SAR: GEOIDE <b>Dr. Chrisman</b>	SAR K-9 Selection, Training, and Being Deployed by Police Agencies <b>Dave Walker</b>
15:45 to 16:30	Lifeboat Operational Procedures <b>António J. Simões Ré</b>	Risk Management — isn't that a Human Resources' job? <b>Randy Servis</b> <b>I</b>	Distress Signalling <b>P. Garapick, J. Gullick</b>	Defence Research and Development Canada <b>Genviève Toussaint</b>	

**NIF** These presentations are based on SAR New Initiatives Fund projects

**I** - International Speaker

## Notes:

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**FRIDAY, OCTOBER 6**

	<b>Suzor-Côté</b>	<b>Delfosse</b>	<b>Chopin</b>	<b>Julien-Gagnon</b>	<b>Walker</b>
8:00 to 8:40	Civilian and Military Co-operation in UK SAR Flt Lt Taylor <b>I</b>	Grief and Condolences for Emergency Responders Cst. Olmstead	Facilitate a Meeting for Maximum Results Dave Brewer	TSB: Ship Stability Guy Bussières	Canine Augmentation Technology Project Dr. Ferworn
8:45 to 9:20	Royal National Lifeboat Institution Operational Update Dave Shepherd <b>I</b>	Safety While Sea Kayaking: new video (in English) Suzie Malouin, Martin Desrosiers	Using Tracking to its Full Extent in SAR Everett Savary	First on the Scene: supporting the TSB at an air crash site André Turenne	Third Party Child Abduction — a SAR unit's worst case scenario Don Blakely
<b>BREAK</b>					
9:45 to 10:25	Leadership in Crisis or Crisis in Leadership? Scott Wright	Communications Interoperability Project Neil Brewer <b>NIF</b>	Maritime SAR Needs Analysis Methodology Yves Leclerc	Dealing with the Media in Emergency Situations: the voluntary sector Don Shropshire	Dealing with Alzheimer in Québec Denis Théorêt
10:30 to 11:10	Space to the Rescue Jim King	SAR Management Technology Integration Neil Brewer <b>NIF</b>	New Marine Forecast Program Hamish Murray	Ice and Cold Water Immersion in Canada: Canadian Red Cross Michèle Mercier <b>NIF</b>	Technology for People at Risk of Wandering Elizabeth Steggles, James Leslie
<b>LUNCH IN THE EXHIBITS</b>					
13:00 to 13:40	Transform your Prevention Program with a Social Marketing Focus Barbara Byers	Safety While Sea Kayaking: new video (in French) Suzie Malouin, Martin Desrosiers	Caribbean Initiative: helping others to help themselves Como Tucker <b>I</b>	The Protection of a Crime Scene by a SAR Volunteer Guy Lapointe	Search Management at the Sûreté du Québec Agent Croteau
13:45 to 14:25	Small Craft Simulation Capt. Patterson	Terrain Guidelines for GSAR volunteers Jeff Haack	Vancouver USAR: Experiences from Hurricane Katrina TBA	SAR NIF 101 F. Bergeron, J-S. Park, M. Thomas <b>NIF</b>	'Real-time communication log' and 'POA grid' Martin Proulx, Claude Frégeau
<b>BREAK</b>					
15:00 to 15:40	Parks Canada Table-Top Exercise Program Michel Villeneuve	AdventureSmart Cyndie Jones <b>NIF</b>		National Sea Rescue South Africa Ian Strachan <b>I</b>	Training Challenges in a Multi-Jurisdictional Environment Nicolas de Breyne
15:45 to 16:30	Next Generation SAR Tracking: GPS Amit Nandi <b>NIF</b>	Hurricane Katrina Capt. Jones, Capt. Ripley <b>I</b>		Confined Space Rescue John Hughes	Accident Prevention: Centre d'avalanche de la Haute-Gaspésie Dominic Boucher
<b>SATURDAY, OCTOBER 7</b>					
8:30 to 9:10	Police and Volunteers Working Together Sgt. Webster, Sgt. Lajoie, Insp. Pinel, Harry Blackmore	Canadian Avalanche Association Clair Israelson			
9:15 to 9:55		Maritime Survival and Training Centre Jón Gunnarsson <b>I</b>			
<b>BREAK</b>					
10:30 to 11:10	Military and GSAR Teams Maj. Gagné	You're as Cold as Ice: hot facts about cold water Ted Rankine, Dr. Giesbrecht			
11:15 to 12:00	Canine SAR Carol Namur				



**NIF** These presentations are based on SAR New Initiatives Fund projects

**I** - International Speaker

# PRESENTATIONS

THURSDAY, OCTOBER 5

8:30

Opening Ceremony: Théâtre du Casino

10:30

**Leading Leaders**

*Chopin*

**Chris Long**

SAR incident leadership begins with the team leader (task level) and progresses up the chain of command to the incident commander (strategic level). Team leaders exercise their leadership skills directly with SAR workers progressing up the chain of command, leadership becomes "Leading Leaders" with changing methods, skills, and responsibilities. This session will examine the role of the leader at the strategic level.

**HUSAR: Exercise March Forward 2006**

*Suzor-Côté*

**Ed Czank and Tony Comella**

Exercise March Forward was an exercise to assess the capacity of Canada's Heavy USAR teams to carry out demanding rescue scenarios that involve the full range of technical rescue skills in a realistic training environment. This presentation will review the exercise and highlight lessons learned.

**Train One, Save Many Fundraising Campaign**

*Delfosse*

**David Shepherd**

Find out how the Royal National Lifeboat Institution's Train One, Save Many fundraising campaign is geared up to raise £10 million (approx. \$20 million Cdn.) over the next five years to support crew training.

**Helicopter Rescue at the Sûreté du Québec**

*Julien-Gagnon*

**Karl Sasseville and Yves Girard**

Advanced helicopter rescue techniques save time and often represent the only survival chance for victims. This presentation will showcase some equipment, techniques and issues encountered while on mission.

**Implementing the 2005 Changes to CPR and First Aid Training Programs: the Canadian Red Cross training perspective**

*Walker*

**Rick Caissie and Tracey Braun**

In November 2005, the International Liaison Committee on Resuscitation released revised

guidelines for teaching and performing CPR as well as first aid. This session will outline an evidence-based approach to CPR/FA research and how it improves health and safety training; the revised CPR Guidelines and how they impact Canadian workplace legislation; the impact of the new guidelines on current certification and recertification; the best methods of training; and how to use the new guidelines to improve injury prevention in the workplace in various settings.

11:15

**The Canadian Coast Guard Auxiliary: serving local communities**

*Chopin*

**Malcolm Dunderdale**

Since its creation, the Canadian Coast Guard Auxiliary has relied on local volunteers to develop its SAR and Boating Safety programs. A strong local presence allows CCGA volunteers to serve their communities and be recognized as an active and dynamic asset. Reflecting on the SARSCENE theme, SAR: Strength in Community, the presentation will describe how local volunteers can make a real difference in saving lives on the water.

**COSPAS-SARSAT: status, developments and prospects**

*Suzor-Côté*

**Daniel Lévesque and Cheryl Bertoia**

The presentation provides a brief status of the Programme and an overview of recent and short term developments (International Beacon Registration Database, Phase-out of 121.5/243 MHz satellite processing). Longer term prospects featuring the implementation of the proposed MEOSAR system and the expected enhancements of Cospas-Sarsat services to SAR are also addressed.

**International Polar Year 2007-08**

*Delfosse*

**Marty Bergmann**

It is envisioned that the International Polar Year (IPY) 2007-2008 will be an intense, internationally coordinated campaign of research that will initiate a new era in polar science. IPY 2007-2008 will include a burst of research, both land and ocean-based, in the Canadian Arctic. Come learn about IPY and its implications for SAR.

**Level of Involvement of SAR Volunteers**

*Julien-Gagnon*

**Raoul Proteau**

**What do those numbers mean anyway? Educating others about the basics of using GPS to promote safety**

*Walker*

**Bill Steer**

The use of GPS is on the rise and it can save lives. People take the GPS unit out the box, turn it on and say: "what do those numbers mean anyway?" It is all about the relationship between the map, the compass and the GPS unit. Find out about standards and conventions needed in training colleagues and others in and around your community as well as the foundations of skills and knowledge when teaching GPS.

13:00

**Search Duration: when do you stop searching?**

*Chopin*

**Jim McAllister**

An interactive discussion on what should be considered an adequate search effort, with specific focus on the length of a search. Survivability, probability of detection and probability of area should be considered in the decision to continue or suspend search efforts; however, there are a number of other possible influences. The presentation will look at internal and external factors, with time for discussion on which should be considered during the decision process.

**Prevent Water Accidents by Knowing the Facts!**

*Suzor-Côté*

**Claire Tucker-Reid and Peter Garapick**

The Water Incident Research Alliance (WIRA) is Canada's only active database of water incident, injury and fatality information. Come and hear how WIRA collects and distributes timely information and hear firsthand the summary of summer long weekend fatalities Canada-wide for the last two years. Help WIRA increase the database and learn how to access this valuable information.

**Enhancement of Precipitation Analysis and Forecast at the MSC**

*Delfosse*

**NIF**

**Viateur Turcotte**

This is a presentation of the results of a project funded by the NSS to enhance liquid and solid precipitation analysis and forecasting. The resulting algorithms became part of the operational tools used by Environment Canada's meteorologists. These tools enhance forecasting and identification of

heavy precipitation areas throughout North America. Forecasts indicate if thunderstorms will be accompanied by one or more of the following: heavy precipitation, strong winds or gales, and big hailstones.

**The JRCC, the CF and the New Canada Command**

*Julien-Gagnon*

**Maj. Alain Tanguay, Maj. Colin Duncan and Maj. Grant MacDonald**

A discussion about how the three Joint Rescue Coordination Centres are run in Canada and the recent changes in the Canadian Forces, including the development of Canada Command and what this means for SAR.

**Using ATVs in Ground Searches**

*Walker*

**Michel Lafleur and Gilles Poirier**

**13:45**

**Ground Search Team Leader - planning and organizing for a SAR mission: the film**

*Chopin*

**Don Blakely and Jim Elderton**

In this project, funded by NIF, the Justice Institute of British Columbia (JIBC) created a training film for ground search team leaders. Using a mock documentary format, the film focuses on the often missed topic of how a team leader prepares and organizes his team once orders are received from the SAR

manager. The JIBC has added this tool to its training toolbox and has also made it, as well as the supporting materials, readily accessible by downloading. This will be the official launch of the film.

**The Avaluator: a Canadian avalanche safety decision tool for amateur recreationists**

*Suzor-Côté*

**Dr. Pascal Haegeli**

The Avaluator is a new support tool for amateur recreationists who are faced with potentially life threatening decisions when in avalanche terrain. This decision tool is the result of extensive research on historic avalanche accidents, existing decision making patterns among recreationists and state of the art risk communication approaches. This presentation will introduce the Avaluator in detail and discuss its implications for Canadian avalanche awareness education and beyond.

**Maritime SAR in the United Kingdom**

*Delfosse*

**Mark Rodaway**

This presentation is an overview of the UK SAR organization with focus on strategic initiatives aimed at enhancing SAR response operations in the short to medium term, covering topics such as the Auxiliary Coastguard review, SAR helicopter harmonization, the maritime incident response group and, the automatic identification system.

**The Extended Maritime Survivor Locator (EMSL)**

*Julien-Gagnon*

**Dean Rowsell**

The EMSL was developed as a person-over-board alerting solution that notifies authorities in situations where the individual's vessel is unable to provide an immediate rescue. It comprises two components — a personal alerting device donned by each occupant of a vessel, and a vessel-based transponder that relays a distress message via satellite to the authorities.

**Dementia Assistance Committee — a model for change in policing**

*Walker*

**Sgt. Uday Jaswal**

This presentation will explore how a grass roots community partnership has benefited the Ottawa Police Service SAR program and how this model can be applied in other jurisdictions.

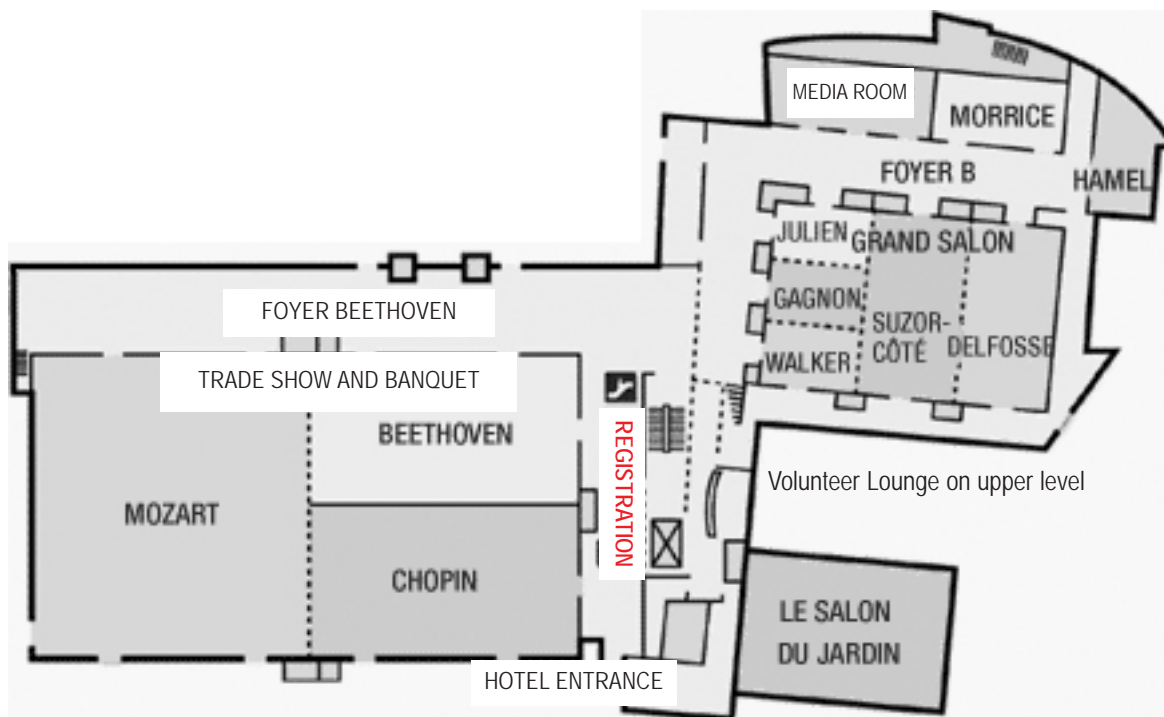
**15:00**

**Impact of the Canada Labour Code on SAR Volunteers**

*Chopin*

**S/Sgt. Dennis Erickson**

The Canada Labour Code and Bill C-45 impact organizations and individuals within, but also far outside, the federal government. Bill C-45 applies to all persons in an employer/employee relationship. In the spirit of insuring an overall safe working environment,



# PRESENTATIONS

what are your responsibilities as a SAR volunteer, full time emergency or SAR responder or tasking agency? This session looks at the requirements and responsibilities placed upon individuals, agencies and groups by the Canada Labour Code and Bill C-45.

## **SAR: a 360 degree perspective**

*Suzor-Côté*

**Andy Olesen and Cst. Bill Clayton**

By working outside the box and developing relationships with local partners not traditionally related to SAR, any group can improve its profile and capabilities in its region. Three innovative projects will be highlighted to show how any SAR team can benefit from these relationships.

## **Dealing with the Media at the Sûreté du Québec**

*Delfosse*

**Lt. Richard Bourdon**

Should media cover a search and rescue incident? Who should do it? When and how? What are the advantages and disadvantages? This presentation will allow you to better understand the strategies used with media according to each situation.

## **Geomatics as a Science and a Tool for SAR: the GEOIDE Network's perspective**

*Julien-Gagnon*

**Dr. Nicholas Chrisman**

Geomatics is the discipline that enables us to collect, process, analyze and diffuse information related to the territory. This presentation will discuss how geomatics can serve as a way to gather and manage information for SAR operations, both to model movement and behaviour, and to deploy and track search resources. A risk model of marine activities will be presented. In this GEOIDE project, led by Dr. Ron Pelot (Dalhousie University), incident rates and risk factors for various activities are being assessed.

## **SAR K-9 Selection, Training, and Being Deployed by Police Agencies (90 minutes)**

*Walker*

**Dave Walker**

Thinking of becoming a SAR K9 handler? This 90 minute classroom session will demonstrate to, and inform participants of, the proper selection, training, certification and deployment of SAR K9s. Actual cases of SAR K9 deployment will be discussed. Both novice and experienced handlers will find the seminar informative and educational.

**15:45**

## **Distress Signalling: not-for-profit, private industry and government working together to provide boating safety education**

*Chopin*

**Peter Garapick and John Gullick**

Canadian Power & Sail Squadrons, CIL Orion and the Office of Boating Safety work together to produce educational material on distress signalling. This presentation will be of particular interest to those who use and/or teach about the use of pyrotechniques. You will be able to actually see how all types of flares perform in different situations. DVDs and training manuals will be made available.

## **The Operational Performance of Commercial Liferrafts in Tow and Drift Conditions**

*Suzor-Côté*

**António J. Simões Ré**

Current IMO standards only require liferafts to be tested in calm benign conditions to achieve certification for commercial usage. A goal of this project is to assess the performance of liferafts in varying weather conditions. A 16- and 42-person liferaft were tested in varying conditions during tow tests with a Fast Rescue Craft and in drift conditions.

## **Risk Management — isn't that a Human Resources' job?**

*Delfosse*

**Randy Servis**

All too often risk management is only thought of as someone else's job. Yet it should be the one thing we all are thinking about and practicing at all times. This session will include a discussion about how risk management applies to each of us in SAR, a look at Accident Potential Theory and a Danger Analysis Algorithm.

## **Operational Research Contribution to AIMS System and its SAR Application**

*Julien-Gagnon*

**Geneviève Toussaint**

**FRIDAY, OCTOBER 6**

**08:00**

## **How to Effectively Organize and Facilitate a Meeting to Achieve Maximum Results**

*Chopin*

**Dave Brewer**

Who should attend this presentation? Persons responsible for planning, organizing and managing meetings for any group or organization. This presentation will provide a check-list of important items to be considered when planning, organizing and facilitating a meeting of any size.

## **Civilian and Military Co-operation in the United Kingdom SAR Environment**

*Suzor-Côté*

**Flt Lt Gerry Taylor**

An overview of how Aeronautical Rescue Coordination Center in Kinloss interacts with the UK Civilian Emergency Services with emphasis on recent improvements in command and control arrangements.

## **Grief and Condolences for the Emergency Responder**

*Delfosse*

**Cst. Paul Olmstead**

The effect of emergency workers' words and actions is profound when dealing with people in crisis situations. How you approach a person and the words you choose when speaking to them has a long lasting impact. This presentation will provide useful and compassionate methods to use when dealing with death notifications and when working with survivors who are bereaved or in various stages of grief.

## **Transportation Safety Board: Ship Stability**

*Julien-Gagnon*

**Guy Bussièrès**

What are the main causes of marine accidents? What is the role of the TSB and what are we doing? This presentation will touch on the basic notion of vessel stability and provide both statistics on marine accidents and prevention of these accidents. The status requirements of ships, both international and domestic, will also be covered.

## **Canine Augmentation Technology Project**

*Walker*

**Dr. Alexander Ferworn**

This session will examine the potential capabilities, challenges and benefits of a dog-

mounted telecommunication component for SAR. Ryerson University is working with the Ontario Provincial Police's Provincial Emergency Response Team canine handlers. The technology may be applicable for rapid USAR applications where many collapsed or condemned buildings may need to be searched quickly and in settings where the speed of the dog may not be matched by the speed of the handler.

**08:45**

### Using Tracking to its Full Extent in SAR

*Chopin*

**Everett Savary**

This session explores how the resource skills in tracking can enhance SAR tasking and the importance of keeping a log.

### Royal National Lifeboat Institution Operational Update

*Suzor-Côté*

**David Shepherd**

An update on RNLi operational matters including putting new lifeboats into service, beach lifeguards, competence-based training and the volunteer commitment.

### Safety while Sea Kayaking in a Marine Environment — new video (English only)

*Delfosse*

**Suzie Malouin and Martin Desrosiers**

Before going kayaking at sea, all kayakers should know the elements influencing sea conditions and the hazards they can represent. In 2001, the awareness and safety organization for sea kayaking implemented an awareness, prevention and training program that educates kayakers on the dangers of the marine environment. This program is improving both the application of regulations and the promotion of safe kayaking practices.

### First on the Scene: supporting the Transportation Safety Board at an air crash site

*Julien-Gagnon*

**André Turenne**

The dos and don'ts for first responders and people involved on accident scenes. This presentation will cover lessons learned and safety when working a crash scene.

### Third Party Child Abduction — a SAR unit's worst case scenario

*Walker*

**Don Blakely**

The experiences of Vernon SAR in its recent

search in British Columbia, which gained national attention, for a child who was abducted but had a successful conclusion (over 95 per cent of such victims are killed by their abductors). The presentation will focus on the unique challenges faced by SAR units in such cases and identify lessons learned.

**09:45**

### Maritime SAR Needs Analysis Methodology

*Chopin*

**Yves Leclerc**

During this session, learn about the methodology used by the Canadian Coast Guard to assess regional SAR needs in order to determine SAR requirements and assets tasked for each region.

### Leadership in Crisis or Crisis in Leadership?

*Suzor-Côté*

**Scott Wright**

The challenge of leadership is to create an efficient, effective organization that draws the most from the skills of people in that organization. This presentation will look at leadership and management skills both in the moment of crisis, events of high urgency, and during the preparation for these events. Attendees will be challenged to assess their own leadership skills, understand where they are at in the leadership continuum and where they could be!

### Communications Interoperability Project

*Delfosse*

**NIF**

**Neil Brewer**

This presentation will cover the development and implementation of a province-wide project to improve communications on ground and inland water SAR incidents. By providing volunteer SAR groups with standardized VHF radio equipment and co-ordinating the programming, each group has the ability to respond to calls for mutual assistance on large incidents. This equipment will be used on many of the 900+ GSAR incidents in B.C. each year.

### Dealing with the Media in Emergency Situations: a voluntary sector perspective

*Julien-Gagnon*

**Don Shropshire**

A critical factor in the effectiveness of an emergency relief operation is the extent to which the humanitarian relief effort and services available are understood by and well communicated to the victims, their community and its leaders, and with other organizations/corporations providing services during an

emergency. The Canadian Red Cross has experience dealing with the media during emergencies and will share its lessons learned which could help ensure and improve effective relationship with the media during a crisis.

### Dealing with Alzheimer in Québec

*Walker*

**Denis Théorêt**

**10:30**

### The New Marine Forecast Program

*Chopin*

**Hamish Murray**

The Meteorological Service of Canada will soon be introducing changes to the national marine forecast and warning program. This presentation will give a sneak preview of the highlights of the changes and the new products becoming available for mariners.

### Space to the Rescue

*Suzor-Côté*

**Jim King**

Hear how different space and ground communications systems can be combined to improve SAR operations. The next generation distress alerting satellites systems, MEOSAR, are now being designed, new communications systems are being developed (REMSAT, SDR), and SAR forces can now have high-speed communications links anywhere in Canada with new small, Ka-band satellite user terminals.

### SAR Management Technology Integration

*Delfosse*

**NIF**

**Neil Brewer**

The development, submission and implementation of a project to integrate SAR management software with mapping, GPS and APRS. The goal was to make effective use of the technology and products currently available, to enhance search management in ground and inland water SAR incidents.

### Ice and Cold Water Immersion in Canada: facts and results from 10 years of research conducted by the Canadian Red Cross

*Julien-Gagnon*

**NIF**

**Michèle Mercier**

Death in cold water is frequent in northern countries such as Canada. Cold-water immersion, often sudden, unexpected and preventable, was associated with at least 35 per cent of all cases of drowning and total immersion hypothermia in Canada during 1991-2000, accounting for at least 2007 deaths. Special public education should be provided each fall

# PRESENTATIONS

and spring season to raise greater awareness of all Canadians of the specific hazards of cold immersion.

## **The Utility of Locating Technology for Use by People who are at Risk for Wandering** *Walker*

**Elizabeth Steggles and Jamie Leslie**

This presentation describes the outcome of a partnership, between the School of Rehabilitation Science at McMaster University and the Ontario Ministry of Community and Social Services, focused on gaining a better understanding of the complex realities related to using locating technology with citizens who are at risk of wandering and subsequently becoming lost. The utility of the technology and consumer feedback will be addressed.

**13:00**

## **Caribbean Initiative — helping others to help themselves**

*Chopin*

**Commodore Everette Tucker**

The presentation outlines the ongoing initiative undertaken by the United States Coast Guard Auxiliary in 2001 with the assistance of Caribbean volunteer and government organizations. The initiative seeks to enhance the safety of life on the Caribbean waters by encouraging Caribbean nations to establish and support volunteer SAR organizations, to develop boating safety education and awareness programs, and to foster the use of volunteer assets in disaster relief and recovery operations. Progress and plans for the future will be addressed.

## **Transform your Prevention Program with a Social Marketing Focus**

*Suzor-Côté*

**Barbara Byers**

Take your campaign to the next level by focusing on the message. Many prevention programs are education or informative based and do not lead to behavioural change. This presentation builds on the "Getting into the Pockets of your Target Group" presentation by going one step further — by focusing on the 'crafting' of the message. Examples of boating safety and water safety campaigns will be provided to illustrate the effectiveness of incorporating a social marketing focus.

## **Safety while Sea Kayaking in a Marine Environment — new video (French only)**

*Delfosse*

**Suzie Malouin and Martin Desrosiers**

Before going kayaking at sea, all kayakers should know the elements influencing sea conditions and the hazards they can represent. In 2001, the awareness and safety organization for sea kayaking implemented an awareness, prevention and training program that educates kayakers on the dangers of the marine environment. This program is improving both the application of regulations and the promotion of safe kayaking practices.

## **The Protection of a Crime Scene by a SAR Volunteer**

*Julien-Gagnon*

**Guy Lapointe**

This session aims to educate SAR responders to different evidentiary elements and how to handle them.

## **Search Management at the Sûreté du Québec**

*Walker*

**Agent Alain Croteau**

The presentation will address missing person behaviours and the methods used by SQ specialists to find them. Mr. Girard will highlight the Québec environment and statistics developed by various search professionals.

**13:45**

## **Vancouver USAR: experiences from Hurricane Katrina**

*Chopin*

**TBA**

This presentation will cover highlights and lessons learned from the deployment of the Vancouver Urban Search and Rescue team during Hurricane Katrina.

## **Small Craft Simulation**

*Suzor-Côté*

**Capt. Tony Patterson**

Memorial University of Newfoundland has been developing small craft simulators for rescue and safety operations. The latest project, conducted in collaboration with the Canadian Coast Guard Auxiliary (Pacific), focuses upon the development of a simulator which can be used to train FRC crews. The presentation will provide an overview of small craft simulation and summarize the progress being made with the CCGA(P) FRC program. A short demonstration of a web-based simulator will also be given.

## **Terrain Guidelines for GSAR Volunteers**

*Delfosse*

**Jeff Haack**

SAR personnel regularly respond to incidents in a wide variety of terrain and in all types of conditions. SAR managers frequently ask volunteers to carry out assignments with limited knowledge of local conditions and an understanding of the type of terrain that the volunteer is being asked to travel in. A standardized approach to terrain classification would ensure appropriately trained personnel are used to carry out assignments in specific terrain.

## **SAR NIF 101**

**NIF**

*Julien-Gagnon*

**France Bergeron, Jae-Sang Park and Mary Thomas**

The purpose of this presentation is to provide potential applicants with an overview and introduction to the Search and Rescue New Initiatives Fund (SAR NIF) that is administered by the National Search and Rescue Secretariat in collaboration with federal, provincial and territorial partners. The presentation will deal with the eligibility requirements of the SAR NIF, as well as the application process.

## **Software: 'Real-time communication log' and 'POA grid'**

*Walker*

**Martin Proulx and Claude Frégeau**

"Real-time communication log" is software to record the exchange in communications on a laptop. Each exchange is easily traceable because they are on separate files. "POA grid" is a worksheet able to cumulate the opinions of ground searchers and automatically calculate them.

**15:00**

## **Parks Canada Table-top Exercise Program (A community based project)**

*Suzor-Côté*

**Michel Villeneuve**

The concept of tabletop exercises has been around for a number of years. The Canadian Table-top Exercise Program is known for its community approach to integrate emergency services. This project gave all 32 Canadian sites visited an opportunity to work with their regional partners in order to pool their SAR resources. This presentation highlights the preparatory work involved in delivering a tabletop exercise, the required steps to success and the motivation for participating agencies to develop their own partnerships in SAR.

### **AdventureSmart**

*Delfosse*

**Cyndie Jones** NIF

AdventureSmart is a public safety education program created to provide knowledge and understanding concerning the risks associated with participating in outdoor recreational activities. The goal of AdventureSmart is to provide outdoor users with information to assist them in making wise choices to reduce and prevent the chance of becoming lost, injured, or killed when enjoying the great outdoors.

### **National Sea Rescue South Africa**

*Julien-Gagnon*

**Ian Strachan**

National Sea Rescue Institute South Africa (NSRI) was established in 1967, and since then, volunteer crews have carried out 12,334 rescue missions, assisted 19,720 people and saved 2,005 lives. The NSRI has 28 coastal and two inland stations and fleet of 53 rescue craft.

### **Training Challenges in a Multi-Jurisdictional Environment**

*Walker*

**Nicolas de Breyné**

Based in the National Capital Region, SAR Global 1 operates in both Ontario and Quebec. As a result, members must certify to three separate training standards: the standard of each provincial SAR association, as well as internal training standards. The presentation will identify the team's unique situation, its training program, the challenges, and lessons learned.

### **15:45**

#### **Next Generation of SAR Tracking: GPS satellite transmitter field trial, requirements and recommendations**

*Suzor-Côté*

**Amit Nandi** NIF

Government agencies and local volunteer SAR organizations require better tools to enhance ground SAR response cost-effectively. This session will review the results of a SAR NIF project to evaluate new GPS position tracking technology based on satellite transmitters. The goal of the project is to create a device designed for ground SAR applications founded on Canada-wide input from EMOs, SAR volunteer groups, provincial police, RCMP and Parks Canada personnel.

### **Hurricane Katrina**

*Delfosse*

**Capt. Les Jones and Capt. Brian Ripley**

The Tennessee Wildlife Resources Agency was on the front lines of the search and rescue effort of Hurricane Katrina, when it hit the Gulf Coast in August 2005. Katrina was one of the strongest hurricanes ever recorded in that area. Agency personnel will give their first-hand account of the event and the lessons learned from this devastating incident.

### **Confined Space Rescue**

*Julien-Gagnon*

**John Hughes**

This presentation will include a description of a confined space, its potential hazards, security measures to consider in a rescue case, and basic techniques.

### **Accident Prevention: Centre d'avalanche de la Haute-Gaspésie (CAHG)**

*Walker*

**Dominic Boucher**

Avalanches are the second most deadly natural hazards in Québec, killing more than 80 people since 1825. In an effort to reduce the impact of avalanches across Québec, the CAHG is working on preventing accidents and developing and maintaining specific expertise in this unique field in Eastern Canada.

## SATURDAY, OCTOBER 7

### **08:30**

#### **Police and Volunteers Working Together (90 minutes)**

*Suzor-Côté*

**Sgt. Don Webster (OPP), Insp. Pierre Pinel (SQ), Sgt. Robert Lajoie (RCMP) and Harry Blackmore (SARVAC)**

This session will address how to promote positive interaction between SAR volunteers and police in order to further strengthen these partnerships. These partnerships vary across Canada and in sharing information they will become more effective.

### **09:15**

#### **ICE-SAR — Maritime Survival and Training Centre**

*Delfosse*

**Jón Gunnarsson**

Find out how Iceland's experiences offer lessons learned for SAR in Canada.

### **10:30**

#### **You're as Cold as Ice: the hot facts about cold water (90 minutes)**

*Delfosse*

**Ted Rankine and Dr. Gordon Giesbrecht**

Cold water is a hot topic when it comes to SAR. This summer the state of Alaska and the University of Manitoba began production of the ultimate demonstration video on the effects of cold water immersion, which won't be released until the new year. This review of the video's compelling and real demonstrations presents critical facts about survival in cold water and important information on the treatment of the hypothermic patient. An overview of current work with vehicle submersions and their upcoming project, Cold Water Boot Camp, will also be provided.

### **Integration of Military Ground Support with Volunteer Search Teams**

*Suzor-Côté*

**Maj. Sylvain Gagné**

Similarities exist between the GSAR incident command system and the military way of doing GSAR. By understanding the similarities and differences, both organizations will be able to work and understand each other. This is important since military units have often participated in searches within their area either as volunteers or as authorized elements. The military brings a lot of expertise and specialized equipment, but are not normally familiar with the technical search protocols and statistical tools taught in NASAR programs.

### **11:15**

#### **Canine SAR**

*Suzor-Côté*

**Carol Namur**

# PRESENTER PROFILES

## Bergeron, France

Ms. Bergeron joined the NSS in January 2005 and concentrated her efforts on the Treasury Board renewal of the contribution program in support of the SAR NIF. She is now acting in the position of Director, Coordination. After serving as a Chaplain in the Canadian Forces, she joined the federal government in 1999 and worked in fields as diverse as forest protection, multiculturalism, modern management, health, and public security.



## Bergmann, Marty

Mr. Bergmann has focused most of his 21 year Fisheries and Oceans career on issues related to arctic, marine and freshwater science program activities and functions. He has made great strides in developing innovative partnerships between federal and provincial departments, universities and non-government agencies, and international departments and agencies.



## Bertoia, Cheryl

Ms. Bertoia is the Principal Operations Officer at the Cospas-Sarsat Secretariat. She has nearly 20 years experience working with operational satellite programs. Ms. Bertoia recently moved to Cospas-Sarsat from a position with the U.S. National Oceanic and Atmospheric Administration (NOAA) as Deputy Director of the National Ice Center in Washington, D.C.



## Blackmore, Harry

A retired professional fire captain after 32 years in the fire service, Mr. Blackmore has been involved in search and rescue for the past 36 years. He is President of Newfoundland SAR Association, SAR Volunteer Association of Canada and the Recreation Boating Council. He received SAR Certificates of Achievement in 1999 and 2004.



## Blakely, Don

Mr. Blakely is a former infantry officer and a founding member of SARVAC. A lawyer by profession, he has 18 years experience in SAR and is currently a SAR Manager with Vernon SAR. A founding member of Fort Nelson SAR and co-developer of B.C.'s Ground SAR Team Leader Program, Mr. Blakely was B.C.'s 1999 SAR Volunteer of the Year. He was responsible for the creation of the National GSAR Liability Insurance Program and participated in the development of B.C.'s GSAR training standards.



## Boucher, Dominic

After completing a Master of Arts degree in Geomorphology specializing in snow avalanches, Mr. Boucher was hired in 1999 by the MRC de la Haute-Gaspésie to establish a centre of expertise on avalanches. Since its launch, he has worked at the centre as its coordinator and forecaster.



## Bourdon, Lieutenant Richard

For the past 29 year, Lt. Bourdon has served with the Sûreté du Québec as a patrol officer and investigator. For the past 22 years, he has been working in communications, acting as a spokesperson for the Outaouais district and the Montreal headquarters.



## Braun, Tracey

Ms. Braun is the National First Aid Coordinator and Master Instructor Trainer for the Canadian Red Cross. She started teaching CPR in 1982 and joined the Red Cross in 1992 to work on various national projects. Ms. Braun became the National First Aid Coordinator in September 2004 and is a Master Instructor Trainer for Red Cross First Aid, CPR, AED, First Responder and Emergency Medical Responder.



## Brewer, Dave

As the President of the B.C. SAR Association and as past chair of the B.C. SAR Advisory



Committee, and as a recently retired Administrator at Capilano College, Mr. Brewer has had many opportunities to plan, organize and manage meetings. With 40 years of SAR service, Mr. Brewer has developed a system for planning, organizing and managing meetings that will achieve results.

## Brewer, Neil

Neil Brewer is a 16-year member of Kent Harrison Search and Rescue, a volunteer GSAR group located in Agassiz, British Columbia. He has been heavily involved with the Provincial SAR Advisory Committee and created a business plan for the province's SAR service in 2003.



## Bussières, Guy

Mr. Bussières is a naval architecture specialist with the Transportation Safety Board. Mr. Bussières spent the greater part of his career working with Transport Canada, Marine Safety, as a ship inspector, specializing in plan approvals, calculations, technical support to other staff, and foreign vessel salvage and inspection requirements.

## Byers, Barbara

Ms. Byers brings over 10 years of marketing and advertising experience to her current role as the Public Education Director for the Lifesaving Society, Canada's lifeguarding experts. She is responsible for developing the strategic and executional components for the Lifesaving Society's annual Water Smart campaign. It is directed at changing the behaviour of Canadians to prevent drowning and water-related injuries. Ms. Byers is the past chair of the Canadian Safe Boating Council.



## Caissie, Rick

Mr. Caissie is the National First Aid Manager and Atlantic Director of Injury Prevention Services with the Canadian Red Cross. He has 18 years experience in the medical and paramedical field, in roles such as Emergency Medical Technician and Diver Medical Technician. He holds certifications in Hyperbaric and Undersea Medical Training, Advanced Care



Paramedic, and Advanced Diver Medical technician. He is also a Master Instructor Trainer for Red Cross First Aid, CPR, AED, First Responder, Emergency Medical Responder, Lifeguard, and Water Safety programs.

**Chrisman, Dr. Nicholas**

Dr. Chrisman completed a Ph.D. in Geography at the University of Bristol (UK) in 1982. From 1982-87 he was Assistant Professor at University of Wisconsin-Madison in Landscape Architecture and Environmental Studies. From 1987-2004 he was in the Department of Geography at the University of Washington. Since 2005, he has been the Scientific Director for the GEOIDE Network, a pan-Canadian Network of Centres of Excellence in Geomatics.



**Clayton, Cst. Bill**

Cst. Clayton has served 10 years as a uniform officer for the Halton Police and for the past two years he was assigned to the Joint Forces Marine Unit. Cst. Clayton has been involved in the marine environment for many years as a Coast Guard Auxiliary member, certified diver, and marine officer.

**Croteau, Cst. Alain**

Cst. Croteau holds a Bachelor of Arts Degree in Education and has been a member of the Sûreté du Québec since 1993. For the past six years, he has worked in emergency services and as a SAR technician for the last three years. He is a co-founder of GPS training for policing services in Québec.



**Czank, Ed**

Mr. Czank has over 20 years of national and international experience ranging from first responder to senior management in a variety of projects in emergency management in both a public and private sector capacity. Currently, he is the Federal Program Manager for the HUSAR portfolio with the Department of Public Safety.



**de Breyne, Nicolas**

Mr. de Breyne has been actively involved in search and rescue since 1995. In that time, he has been a member of SAR teams in Alberta, and for the past six years, he has been a member of SAR Global 1, where he holds the position of Search Manager in Command. Additionally, Mr. de Breyne is an ERI Canada instructor for the Basic SAR Skills and the Initial Response Incident Commander courses.



**Desrosiers, Martin**

M. Desrosiers is the co-founder of OPS Kayak de mer (2001), a technician in recreation and intervention (1990), a guide and expedition team leader (1995) and a national trainer in sea kayak for the Fédération québécoise du canot et du kayak(1999). He has spent the last 15 years working in animation and ecotourism. He is actually employed as an economic development officer (SADC Côte-Nord).



**Duncan, Major Colin R.**

Maj. Duncan joined the Canadian Forces in 1989 and earned his pilot wings in 1993. After being posted at SAR Squadrons in Greenwood, Nova Scotia and Trenton, Ontario, Maj. Duncan was posted back to Trenton, Ontario, as the Officer in Charge of the Joint Rescue Coordination Centre.

**Dunderdale, Malcolm**

Mr. Dunderdale, the President and Chairman of the Canadian Coast Guard Auxiliary (CCGA) National Board of Directors, has been with the CCGA for 28 years. He has received four awards from the CCGA and one from the U.S. Coast Guard for his commitment to volunteers and boating safety.



**Elderton, Jim**

Mr. Elderton has worked in the entertainment industry for many years and has recently completed a unique SAR training film for the Justice Institute of B.C.

**Erickson, S/Sgt. Dennis**

S/Sgt. Dennis Erickson is the RCMP Emergency Operations Program Manager in B.C. He has been a member of the RCMP for 26 years with most of his service in B.C., working in General Duties, Federal and Specialized Unit positions, including the position of "E" Division Underwater Recovery Team Co-ordinator. Some of his current responsibilities include RCMP liaison to B.C.'s Provincial Emergency Program and the province's 4,700 SAR volunteers.



**Ferworn, Dr. Alexander**

Dr. Ferworn is an Associate Professor in the department of computer science at Ryerson University in Toronto. His research interests include Human-Robot Interaction and Canine SAR. He is a member of the standards committee for homeland security applications — ASTM E54.08.01 working group on human-system interaction for US&R robots.



**Frégeau, Claude**

Mr. Frégeau is the National Commander of Québec Sauvetage.



**Gagné, Maj. Sylvain**

Maj. Gagné volunteers with a local GSAR team and is a graduate of the NASAR Managing Lost Person Incident training program. He commanded the Canadian Forces Base Gagetown military ground SAR organization from 2004-06 and was recently appointed the Deputy Commander of a unit at CFB Petawawa. He is a qualified parachutist and advanced rescue scuba diver.



**Garapick, Peter**

Mr. Garapick is the Regional Manager for Boating Safety, Ontario at Transport Canada and received the Canadian Safe Boating Council's 2005 Marine Professional of the Year award. He grew up on the water in Nova Scotia, taught sailing, raced and delivered yachts, crewed



# PRESENTER PROFILES

two years on the Bluenose II and commanded a seasonal Canadian Coast Guard SAR unit.

## Giesbrecht, Dr. Gordon

Dr. Giesbrecht operates the Laboratory for Exercise and Environmental Medicine at the University of Manitoba where he studies human responses to exercise/work in extreme environments. He has conducted hundreds of cold water immersion studies that have provided valuable information about cold stress physiology and pre-hospital care for human hypothermia.



## Girard, Cst. Yves

Cst. Girard has been a member of the Sûreté du Québec Emergency Services since 1989 and has been a SAR technician for the last 14 years. He has been an operator of the video camera and thermal imaging systems (WESCAM and FLIR) since 1994, and current tasking officer of the Bell 412, and a trainer for the thermal imaging system since 1996.



## Gullick, John

Mr. Gullick is a senior manager with over 35 years experience in the camping, recreation, social service and health care fields. He is the Deputy Executive Director for the Canadian Power and Sail Squadrons and is Past Chairman of the Canadian Safe Boating Council.



## Gunnarsson, Jón

Mr. Gunnarsson is the Director of ICE-SAR in Iceland.

## Haack, Jeff

As the SAR Specialist with the Provincial Emergency Program of the Province of B.C., Mr. Haack coordinates the volunteer GSAR program. Formerly a GSAR volunteer and a past manager of mountain safety programs, he works daily with GSAR volunteers across B.C. Mr. Haack has over 10 years of operational experience in GSAR, in both the private and public sectors.



## Haegeli, Dr. Pascal

Dr. Haegeli is the project manager for the ADFAR project of the Canadian Avalanche Association. He has worked extensively on different aspects of avalanche safety in collaboration with the CAA and commercial backcountry operators. Dr. Haegeli currently holds a post-doctoral fellowship at the School for Resource and Environmental Management of Simon Fraser University.



## Hardy, Marion

An active SAR Dog Handler for 15 years and author of a number of water search papers and a "how-to" manual, Ms. Hardy has been particularly active both nationally and internationally in encouraging the use of dogs as a resource in water search operations.

## Hughes, John

Mr. Hughes is a health and security and risk management professional. He has more than 29 years of experience, half of which is in railways and marine areas.



## Jaswal, Sgt. Uday

Sgt. Jaswal is a member of the Ottawa Police Emergency Services Unit — a specialized team of officers responsible for SAR and public order response. He is a qualified Search Master under both the NASAR and ERI search systems and has substantial experience in conducting ground searches for missing persons and evidence searches related to criminal investigations. He is currently the SAR Program Coordinator for the Emergency Services Unit.



## Jones, Cyndie

Ms. Jones is the Project Manager for AdventureSmart, a project developed and managed through the Provincial Emergency Program B.C. She is formerly an Operations Officer in the Emergency Coordination Centre at the Provincial Emergency Program and has been an active volunteer member of ground and air SAR teams for the last 10 years.



## King, Jim

Mr. King, a Director at Industry Canada's Communications Research Centre, has over 25 years experience working on various Canadian and international satellite programs. He participated in the testing and launch of the first Sarsat satellite, helped developed a new broadband satellite system which provides high speed access everywhere in Canada, and worked on satellite systems for emergency management. He has a Master's Degree in Engineering, specializing in satellite communications.



## Lafleur, Michel

Until his retirement in 1995, Mr. Lafleur worked as a police officer in Montreal. He is now serving as regional director of the Fédération québécoise des clubs Quads (FQCQ). He also served two terms as vice-president of the northwest chapter of the FQCQ. Further, he developed and wrote the signalization manual for the Fédération.



## Lajoie, Sgt. Robert

Sgt. Lajoie is the recently-appointed National Search and Rescue Coordinator for the RCMP. He has been a member of the RCMP for 19 years and has served the majority of his career in "E" Division, B.C., where he was involved with search and rescue for several years.



## Lapointe, Guy

As a member of the RCMP for the past 27 years, Mr. Lapointe has been in charge of Sauvetage canin des Laurentides for the past 13 years. He is a volunteer coordinator for the Sûreté du Québec volunteer administration program. He was called in twice as an expert witness on the use of volunteer dog teams in search and rescue.



## Leclerc, Yves

Mr. Leclerc is a Senior Program Development Officer for SAR at the Canadian Coast Guard. He has been the Superintendent of SAR



Operations and Training in the Maritimes Region and the Assistant Maritime Controller at JRCC Halifax

**Leslie, James**

Mr. Leslie graduated from Mohawk College in Hamilton as an Electronics Technologist and has worked as a Rehabilitation Technologist for over 20 years. Currently, Mr. Leslie manages Independence Technologies, Hamilton Health Sciences and is a Professional Associate of McMaster University, School of Rehabilitation Science.



**Lévesque, Daniel**

Mr. Lévesque joined the French Space Agency (CNES) in 1979 and served from 1982 as Head of the French delegation in the Cospas-Sarsat Steering Committee. In 1987, he joined Inmarsat, London, as Head of the newly-established Cospas-Sarsat Secretariat. The Secretariat moved to Montreal in 2005.



**Long, Chris**

Mr. Long has been the Washington State SAR Coordinator for 14 years and has also served three terms on the NASAR Board of Directors. He is a Lt. Col. (retired) US Army and has 22 years experience in command and operations.



**Malouin, Suzie**

Ms. Malouin is a biologist and a public security and emergency measures specialist for the national parks in Quebec. She serves as the federal coordinator of Parks Canada Agency for the civil protection network. She worked on the public security and emergency measures programs of the Mingan Archipelago National Park for seven years before joining the Quebec Professional Services Centre in 2005.



**McAllister, Jim**

As the Manager of Training and Volunteer Programs with the Provincial Emergency Program of B.C., Mr. McAllister oversees the Public Safety



Lifeline volunteer services, including SAR. Formerly the SAR Specialist with PEP, he continues to work closely with the Provincial SAR Advisory Committee, the B.C. SAR Association, PEP Air (CASARA), police and other agencies involved in SAR. He has over 25 years as a GSAR volunteer in search management, rope rescue and swift water rescue plus extensive experience in emergency management.

**Mercier, Michèle**

Ms. Mercier has over 25 years experience in the swimming, water safety and life guarding field. She is a Master Instructor Trainer in Swimming and Water Safety, and a First Aid Trainer for the Canadian Red Cross as well as other organizations. She joined the Canadian Red Cross in 1987 and has coordinated and managed injury prevention programs at regional, provincial and national levels.



**Murray, Hamish**

Usually an operational meteorologist with DND in Comox on Vancouver Island, Mr. Murray now finds himself caught between the rocks on either coast working on an assignment for the National Service Office — Marine based in Gander, NL. As an avid sailor and ocean kayaker he has often taken complaints from himself about his marine forecast going wrong.



**Namur, Carol**

Active in SAR and Emergency Management in Canada since 1970, Ms. Namur is the President/Director General of the volunteer group Sauvetage Canada Rescue. Her hard work has been recognized by many, including Her Excellency, the Governor General of Canada. Ms. Namur has been involved in dog training for the past 45 years and SAR dog training since 1980. In 1990, she organized the "First Canada/USA SAR K9 Training School," as well as multidisciplinary international exercises for which she received a SAR Certificate of Achievement.

**Nandi, Amit**

Mr. Nandi has worked in Software Engineering, IP routing, optical networking and satellite networks over his 13-year career. He has held Senior Engineering and Product Management positions at Nortel and has navigated Guardian Mobility to new markets and opportunities over the past three years. Mr. Nandi has a B.Eng in Aerospace Engineering.



**Olesen, Andy**

Mr. Olesen served as a police officer for 18 years, and for the last six years, has been assigned to the Joint Forces Marine Unit with the Hamilton/Halton Police Services. He has been involved in the creation and development of a number of programs at the national, provincial and local levels.

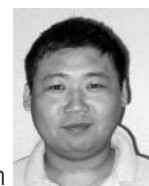
**Olmstead, Cst. Paul**

Cst. Olmstead is a member of the Edmonton Police Service and works as a search manager and member of the Flight Operations Unit. During his 27 years he has worked to identify and train volunteers for SAR. His life is dedicated to SAR, his own company, and in 2003 was awarded the NSS SAR Achievement award.



**Park, Jae-Sang**

Mr. Park joined the NSS in January 2006, as the acting manager of the renewed SAR NIF. He has previously worked for the Department of Canadian Heritage, primarily in the area of Grants and Contributions with the Multiculturalism Program and the Publications Assistance Program. Mr. Park has been with the federal public service since 2000.



**Patterson, Capt. Anthony**

Capt. Patterson is the Director of the Centre for Marine Simulation at the Marine Institute in St. John's, Newfoundland. He graduated from the Canadian Coast Guard College and Memorial University of Newfoundland, and holds a Master Mariner's certificate. Capt. Patterson served with the



# PRESENTER PROFILES

Canadian Coast Guard for 20 years in a variety of positions. He was responsible for the Canadian SAR research program and served as the officer responsible for maritime SAR off the coasts of Newfoundland.

## **Pinel, Insp. Pierre**

Insp. Pinel has been with the Sûreté du Québec for 26 years and is the commander of the north shore region. He is also the provincial coordinator for the administration of SAR volunteers for the Sûreté du Québec. With his civilian and police partners, he oversees the coordination of SAR volunteer mobilization throughout the province.



## **Poirier, Gilles**

Mr. Poirier worked as a police officer until his retirement in 1992. Since 1999, he has been an off-road vehicle enthusiast with VHR MotoQuad (club and federation).

## **Proteau, Raoul**

Mr. Proteau has worked in GSAR since 1977 and has been involved in air search since 1983. He has been the president of Sauvetage et recherche aériens du Québec (SERABEC) since 1984.



## **Proulx, Martin**

Mr. Proulx is the Commander of District 07 (Outaouais) for Québec Sauvetage.



## **Rankine, Ted**

Mr. Rankine is a recreational boater and promoter of boating safety. He is an active volunteer with the Canadian Safe Boating Council, serving in a variety of roles including chairman, and has created numerous boating safety television shows and integrated safety programs in Canada and the United States.



## **Rodaway, Mark**

Mr. Rodaway joined Her Majesty's Coastguard in 1989 and is a district officer. He is also the Rescue Co-ordination Center (RCC) Manager, Portland Coastguard and as

such, he manages the second busiest marine RCC in the United Kingdom. Mr. Rodaway has twice been awarded the Chief Coastguards commendation for Meritorious Service during his 17-year career.

## **Rowell, Dean**

Mr. Rowell is a Senior Project Engineer with C-CORE and a registered professional engineer. He received his degree in electrical engineering at Memorial University of Newfoundland in 1992, and has since worked primarily in the design and development of electronic and signal processing systems for maritime environments.



## **Sasseville, Karl**

Mr. Sasseville has been a police officer with the Sûreté du Québec for 17 years. He has been a member of the SWAT team (western division) for the last 10 years, eight of these years, he was in charge of rescue. Mr. Sasseville is a specialist technician in SWAT and in helicopter rescue and evacuation.

## **Savary, Everett S.**

Mr. Savary has been tracking for over 40 years and recently started Paqism Training School to share his skill and knowledge of tracking and survival techniques. He has been teaching tracking for 15 years providing workshops for Parks Canada and SAR Teams across Canada. His SAR experience includes 20 years as Assistant Director for Lunenburg County Ground SAR; searcher for Halifax Regional SAR; and, in 1993, became SAR TECH II course Certification Coordinator.



## **Servis, Randy**

After a 24 year career in SAR, Mr. Servis retired from the Coconino County Sheriff's Office in Arizona. He has performed, led, managed, and conducted training on man tracking, alpine rescue, rope rescue, water rescue, helicopter rescue, ground search, mounted search, and all-risk incident management. Mr. Servis is currently serving his third term as President of the National Association for SAR.



## **Shepherd, David**

In September 2006, Mr. Shepherd was appointed the Staff Officer Training at RNLI headquarters. From 1997 to 2006, he was responsible for the delivery of operational training to volunteer crews for 42 lifeboat stations. He was a Royal Navy Submariner from 1977 to 1997.



## **Shropshire, Donald D.**

Mr. Shropshire is the National Director, Disaster Management at the Canadian Red Cross. He has always been highly involved and responsible for core programs and major dossiers related to emergency planning, preparedness and response for the past 20 years. He has a proven track record of situations where he has managed crisis and emergencies at every level, from municipal to international levels, and from small-scale to large-scale emergencies.



## **Simões Ré, António J.**

Mr. Simões Ré is a Senior Research Officer with the National Research Council of Canada, Institute for Ocean Technology. He is the Principal Investigator for an escape evacuation and rescue research program aimed at quantifying the limiting performance of marine evacuation and retrieval systems.



## **Steer, Bill**

Mr. Steer is the originator of the Canadian Ecology Centre, with most of his working experience in the field of environmental education. He is employed as the Director of the National Green Check GPS Certification Program. Mr. Steer holds degrees and diplomas from Durham College and McMaster and Laurentian universities.



## **Steggles, Elizabeth**

Ms. Steggles graduated as an occupational therapist in the UK where she developed an interest in assistive technology and was director of occupational therapy at the Nuffield, Oxford. She currently manages Independence Technologies,



Hamilton Health Sciences and is a Professional Associate of the School of Rehabilitation Science at McMaster University.

#### **Strachan, Ian**

Mr. Strachan has worked with the National Sea Rescue Institute in South Africa for the past 36 years as a crewman, coxswain and Station Commander. For the past 18 years, he has been the Director of the Institute.

#### **Tanguay, Maj. Alain**

Maj. Tanguay was appointed the Officer in Charge of the Canadian Mission Control Center and the SAR Network Operations Command Center in Trenton, Ont. as of August 2005. He joined the military in 1987 and has accumulated over 4,400 hours of military flying time on helicopters and fixed-wing aircraft. Before going to Trenton, his last six years of flying were spent in the SAR community as a SAR helicopter pilot at 439 Squadron Bagotville, QC.



#### **Taylor, Flt Lt Gerry**

Flt Lt Taylor is a former SAR helicopter navigator/winch operator with operational experience at four UK SAR bases and one in Cyprus. He has served at ARCC Kinloss for six years, initially as both a Controller and Unit Training Officer and as Flight Commander/Deputy Officer Commanding since April 2005.



#### **Théorêt, Sgt. Denis**

Sgt. Théorêt is a career police officer. He started working in the municipality of L'Île-Perrot in 1976 and later joined the Sûreté du Québec in 2002. Since 2003, he has been working as an advisor to the policy-makers at the Sûreté du Québec on consolidating prevention programs.



#### **Thomas, Mary E.**

A Senior Program Officer at the National SAR Secretariat, Ms. Thomas is involved in SAR program coordination, including the \$8.1M SAR New Initiatives Fund (NIF) and the Interdepartmental Committee on SAR.



#### **Tucker, Commodore Everette**

Commodore Tucker is the Director, United States Coast Guard Auxiliary International Affairs, and is responsible for the ongoing Caribbean Initiative and relations with the Canadian CG Auxiliary and Canadian Power and Sail Squadrons. He served 30 years in the US Army Corps of Engineers and has been in the Auxiliary since 1974 and serves on the Executive Council, International Maritime Rescue Federation.



#### **Tucker-Reid, Claire**

Ms. Tucker-Reid is currently the Executive Director of the Water Incident Research Alliance (WIRA). WIRA was formed by the Coast Guard, Transport Canada, Lifesaving Society, Red Cross, Search and Rescue, Ontario Provincial Police and a host of other prominent stakeholders. The alliance collects, verifies and summarizes water incident, injury and fatality data in Canada. WIRA plays a key role in the drowning prevention continuum as with solid data and prevention strategies that are meaningful and effective.



#### **Turcotte, Viateur**

Mr. Turcotte has been a meteorologist with the Meteorological Service of Canada since 1977. He is a specialist in severe weather, supervisor, chief of development in meteorology and chief of the national laboratory on hazardous weather conditions. He has a Master's Degree in Nuclear Physics from Laval University.



#### **Turenne, André**

Mr. Turenne has been in the aviation business since 1975 as an aircraft mechanic and later as a manufacturing specialist and project coordinator for a large helicopter manufacturer. He has been an Air Safety Investigator for the TSB since 1990 and involved in numerous investigations of all magnitudes in Canada and at the international level.



#### **Villeneuve, Michel**

Mr. Villeneuve is a Park Warden with Parks Canada. Since 1979, he has worked at several National Parks in various functions (resource management, law enforcement, public safety and fire) where he was also an instructor in ground SAR, first aid, wilderness first aid and ice rescue. Mr. Villeneuve is presently with the National Office in Gatineau working as the Public Safety Specialist, coordinating the National Public Safety Program.



#### **Walker, Dave**

Mr. Walker has been a supervisor with Correctional Services for the province of Ontario for the past 23 years. He is also employed as the trainer for the Hamilton Police Service Canine Unit and volunteers as a SAR canine handler/trainer for the Hamilton Police SAR Unit. He is recognized as an internationally-certified police canine instructor and judge under the United States Police Canine Association and has over 25 years experience in this field.



#### **Webster, Sgt. Don**

Sgt. Webster, the Ontario provincial SAR Co-ordinator, has been a police officer for 26 years and has worked as a member of the Ontario Provincial Police Tactics & Rescue Unit and the Central Region Emergency Response Team (ERT) for a combined period of 16 years. As the Central Region ERT Co-ordinator from 1996-2002, he was the operational search manager for several successful missing person searches involving Alzheimer patients.



#### **Wright, Scott**

Mr. Wright has had the privilege of fulfilling leadership roles over the last 15 years in Agriculture Canada, the Alberta and Saskatchewan governments, SAR Regina, and Search and Rescue Saskatchewan Association of Volunteers (SARSAV). His 'outside' activities include ground SAR training and search management, and delivering Executive Coaching and Leadership Development.



# TRADE SHOW

## Trade Show Hours

### Thursday, October 5

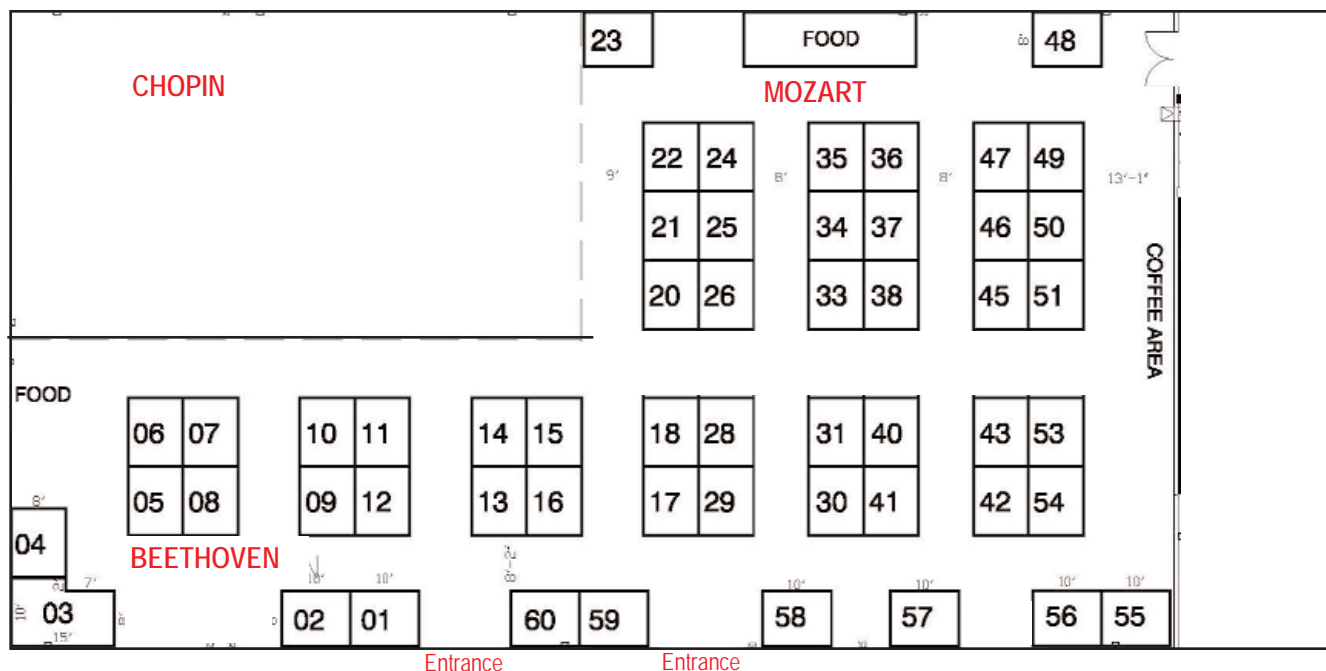
10:00 to 18:30

16:30 to 18:30 Spotlight on exhibitors

### Friday October 6

9:30 to 15:30

10:40 to 13:00 Lunch with exhibitors



## Booth Listing

- |   |   |   |
|---|---|---|
| 1. The Québec Federation of Quad Clubs              | 18. Impact Cases  | 40. Helly Hansen Canada                         |
| 2. The Québec Federation of Quad Clubs              | 20. SARSCENE 2007 Local Host — B.C. PEP                         | 41. ESRI Canada                                 |
| 3. Virtual Marine Technology                        | 21. FERNO Canada EMS, Inc.                                      | 42. M.D. Charlton                               |
| 4. Virtual Marine Technology                        | 22. FERNO Canada EMS, Inc.                                      | 43. Advanced Rescue Techniques School of Canada |
| 5. Canadian Coast Guard Auxiliary                   | 23. Salamander Technologies                                     | 45. Draeger Safety Canada                       |
| 6. Joint Rescue Coordination Centres: Trenton       | 24. Salus Marine Wear   | 46. SERABEC                                     |
| 7. Parks Canada Agency                              | 25. SARSCENE 2006 Local Host — Sûreté du Québec                 | 47. Royal Canadian Mounted Police               |
| 8. Festival Promotions                              | 26. Defence Research and Development Canada — Valcartier (DRDC) | 48. Ontario Drive and Gear (Argo)               |
| 9. OEA Technologies                                 | 28. Impact Cases  | 49. Lifesaving Society                          |
| 10. Canadian Hydrographic Service                   | 29. Sirius Wilderness Medicine                                  | 50. Icom Canada                                 |
| 11. Neo-Paws International                          | 30. Action Meals  | 51. Icom Canada                                 |
| 12. Rosborough Boats                                | 31. PWGSC Government Satellite Services                         | 53. Project Lifesaver Technology                |
| 13. EMS SATCOM                                      | 33. IMP Group Marine  | 54. Hardigg                                     |
| 14. Zoll Medical Canada                             | 34. Mustang Survival Corp.                                      | 55. Oceanid Water Rescue Craft                  |
| 15. Public Safety and Emergency Preparedness Canada | 35. Kenwood Electronics   | 56. Canadian Red Cross                          |
| 16. EMS SATCOM                                      | 36. PROCON  | 57. Guardian Mobility                           |
| 17. Integral Designs                                | 37. Environment Canada  | 58. Tulmar Safety Systems                       |
|   | 38. Rutter Technologies   | 59. Seimac Ltd.                                 |
|   |   | 60. Seimac Ltd.                                 |

# EXHIBITOR PROFILES

Descriptions are provided by the exhibitors.

## Action Meals Booth #30

21 Faircrest Blvd  
RR1  
Kingston ON K7L 4V1  
Tel.: (613) 546-4567  
Fax: (613) 546-5031  
info@actionmeals.com  
www.actionmeals.com  
Hot Pack® Self-Heating Action Meals® — hot nutritious meals for responders in remote areas where hot food is not available. Lightweight kit contains a pre-cooked meal and heater, providing hot food in 12 minutes without matches, fire, stove or electricity. A favourite with EMS, Foresters, Fire Fighters, Police, Coast Guard, and SAR personnel.

## Advanced Rescue Technologies School of Canada Booth #53

5334 Yonge Street, Unit 609  
Toronto ON M2N 6V1  
Tel.: (416) 222-2223  
Fax: (905) 887-1951  
info@equinoxadventures.com  
www.equinoxadventures.com  
For over 25 years, the Advanced Rescue Techniques School of Canada has specialized in high angle rescue, confined space rescue, water and ice rescue training including awareness, operational, technician, and trainer level programs. We are the original designers and sole suppliers of the high angle rescue "Train the Trainer" courses in Canada.

## Canadian Coast Guard Auxiliary Booth #5

200 Kent Street 5th Floor, 5041  
Ottawa ON K1A 0E6  
www.ccg-a-gcac.org  
The Canadian Coast Guard Auxiliary is a national volunteer organization dedicated to the prevention of loss of life at sea. It operates nationally in conjunction with the Canadian Coast Guard (CCG) to provide search and rescue response particularly in areas where there are no CCG resources.

## Canadian Hydrographic Service (CHS) Booth #10

615 Booth Street  
Ottawa ON K1A 0E6  
chinfo@dfo-mpo.gc.ca  
www.charts.gc.ca  
CHS is responsible for the surveying, measuring, describing, and charting of the physical features of Canada's oceans, seas, rivers and

lakes. The data are then used to produce nautical material including nautical charts (in both paper and digital formats), Sailing Directions, bathymetric maps and Tides and Current Tables.

## Canadian Red Cross Booth #56

170 Metcalfe Street, Suite 300  
Ottawa ON K2P 2P2  
Tel.: (613) 740-1961  
Fax: (613) 740-1911  
cgagnon@redcross.ca  
www.redcross.ca  
The Canadian Red Cross is a non-profit organization, responding to disasters for over 100 years. Programs offered include water and boating safety, First Aid, disaster services, Respect-Ed, home support and health equipment loan program.

## Defence R&D Canada — Valcartier Booth #26

2459 Pie-XI Blvd North  
Val-Bélair QC G3J 1X5  
Tel.: (418) 844-4000  
Fax: (418) 844-4635  
www.valcartier.drdc-rddc.gc.ca  
Defence R&D Canada — Valcartier is one of six R&D Centres operated by Defence R&D Canada, an agency of DND. The Centre provides impartial expertise to the Canadian Forces and carries out research in the fields of Electro-Optics, Command and Control, Explosives and Aerodynamics. It also provides business opportunities for collaboration with interested business partners.

## Draeger Safety Canada Booth # 45

7555 Danbro Cres.  
Mississauga ON L5N 6P9  
Tel.: (905) 821-8988 / 1(877) 372-4371  
Fax: (905) 821-2565  
sales.canada@draeger.com  
www.draeger.com  
Draeger Tubes detect over 500 different gases. Our gas Analyzer CMS combines high accuracy with simplicity and flexibility. Portable and fixed gas detection are available for many toxic and combustible gases. Draeger's respiratory line ranges from half mask cartridge respirators to S.C.B.A.'s. We also specialize in Confined Space Training Trailer, the Live Fire Training Systems, the Swede Survival Flashover Systems and Submarine Escape Devices.

## EMS SATCOM Booths #13 and #16

1725 Woodward Drive  
Ottawa ON K2C 0P9  
Tel.: (613) 727-1771  
Fax: (613) 727-8633  
lannon.k@emssatcom.com  
www.emssatcom.com  
EMS SATCOM's long history with SAR applications extends to the industry's beginnings in 1978. This is reflected in the number of systems the company has developed and deployed world-wide, resulting in more than 18 000 lives saved. The company's recent new Medium Earth Orbit Local User Terminal (MEOLUT) will enable real-time data transmission by combining speedy detection of distress beacons with global coverage and positioning determination capabilities.



## Environment Canada Booth #37

Meteorological Service of Canada  
10 Wellington Street  
Gatineau QC K1A 0H3  
Tel.: 819-953-5781  
Daniel.villeneuve@ec.gc.ca  
www.ec.gc.ca  
Environment Canada has a long tradition of providing meteorological support during natural or man-made disasters and life-threatening events ranging from forest fires to chemical spills to search and rescue operations. Drop by the Environment Canada booth to see our weather web site and to get a refresher on radar interpretation.

## ESRI Canada Limited Booth #41

1600 Carling Avenue, Suite 710  
Ottawa ON K1Z 1G3  
Tel.: (613) 234-2103  
Fax: (613) 234-6288  
arebane@esricanada.com  
www.esricanada.com

# EXHIBITOR PROFILES

Established in 1984, ESRI Canada is a Canadian owned company specializing in geographic information systems (GIS) solutions. We provide organizations with complete solutions based on the world's leading GIS technologies. ESRI Canada also provides professional services including training, technical support, and enterprise GIS implementation services. ESRI Canada has 13 regional offices across the country, with headquarters in Toronto, Ontario.

## **FERNO Canada EMS Booths #21 and #22**

755 The Queensway East, Unit 12  
Mississauga ON L4Y 4C5  
Tel.: (905) 615-0909  
Fax: (905) 615-1199  
bfairweather@ferno.com  
www.ferno.com

FERNO Canada offers solutions to the SAR, military, fire, and police markets. With nationwide, manufacturer direct representation, FERNO ensures that every responder is "Rescue and Response Ready". Drop by the FERNO Canada booth to see how FERNO can play a role with your organization. Enjoy SARSCENE 2006!

## **Festival Promotions Booth #8**

116-42 Antares Drive  
Nepean ON K2E 7Y4  
Tel.: 1 800 265-2344  
Fax: (613) 723-9449  
jay@festival.net  
www.festival.net

Festival Promotions is a promotional products company located in Ottawa. We have been in business since 1988 providing over 500,000 promotional and advertising specialties to organizations, government, and private industry across North America.

## **Guardian Mobility Booth #57**

116 - 15 Capella Court  
Ottawa ON K2E 7X1  
Tel.: (613) 225-8885  
Fax: (613) 225-7762  
anandi@guardianmobility.com  
www.guardianmobility.com

Guardian Mobility Corporation offers a new generation of innovative wireless data communications platforms that can be used to locate and monitor people and equipment almost anywhere. Ideal for operation in isolated regions where wireline infrastructure or terres-

trial wireless networks are not readily available or are inadequate. Our products make wireless data communications available to new applications through their affordability, ease of use and dependability. Product flexibility can be customized for a diverse range of operations, from firefighting, mountaineering and mining to oil and gas monitoring, sensor monitoring, and conducting high-end covert surveillance.

## **Hardigg Booth #54**

17-915 Inverhouse Drive  
Mississauga ON L5J 4B2  
Tel.: (905) 399-2827  
www.hardigg.com  
www.stormcase.com

Hardigg has taken waterproof cases to a new level in high-performance, functionality and durability with their Storm Cases — with cushion handles and high performance HPX resin to provide better impact resistance. Hardigg has been designing transportation solutions for harsh environments since 1954. SAR providers can count on our experience and innovation when it comes to protecting their gear.

## **Helly Hansen Canada Ltd. Booth #40**

300 Willow Road, Suite 204  
Guelph ON N1H 7C6  
Tel.: 519-836-5000  
www.helly.ca

Helly Hansen Canada Limited acquired Nautilus by Protexion and Buoy-O-Boy brands of flotation gear. The company has the most extensive line of PFDs, Life Jackets and Inflatable PFDs in Canada. Helly Hansen Canada's head office & ISO 9001 accredited manufacturing facility is located in Dartmouth, NS. The state of the art Design and Engineering Group enables the company to develop products for a wide range of clients.

## **ICOM Canada Booths #50 and #51**

#150 6165 Hwy 17  
Delta BC V4K 5B8  
Tel.: (604) 952-4206  
Fax: (604) 952-0090  
www.icomcanada.com

ICOM has the broadest range of high quality radio equipment of any manufacturer, including commercial land mobile, marine, air band, amateur, receivers (scanners) and wireless LAN products.

## **IMP Group Marine Booth # 33**

P.O. Box 8560  
St. John's NL A1B 3P4  
Tel.: (709) 722-4221  
Fax: (709) 722-9736  
rhod.mcleman@impmarine.com  
www.impmarine.com

IMP's Marine Division, a wholly-owned subsidiary of the IMP Group's Commercial Core Group of Companies, operates through 12 branch locations throughout Atlantic Canada and one wholly-owned subsidiary in the USA. The company is a distributor, manufacturer and service provider catering to industrial, marine, fishing and offshore oil and gas sectors. The Central Administration of the company is located in Dartmouth, Nova Scotia.

Congratulations to the Civil Air Search and Rescue Association (CASARA) which celebrates its 20<sup>th</sup> anniversary this year.



## **Impact Cases Booths #18 and #28**

20 Steelcase Road W., Unit 6  
Markham ON L3R 1B2  
Tel.: (905) 470-7888  
Fax: (905) 470-7843  
khalh@impactcases.com  
www.impactcases.com

Manufacturer of specialized carrying cases and shipping containers for rapid deployment applications. Complete in-house design and CNC automated manufacturing facility. Cases and containers manufactured to meet/exceed specifications including: ATA-300, MiL-STD 810, MiL-STD-648 and MiL-C-4150

## **Integral Designs Booth #17**

5516 3rd Street SE  
Calgary AB T2H 1J9  
Tel.: (403) 640-1445  
Fax: (403) 640-1444  
info@integraldesigns.com  
www.integraldesigns.com

Integral Designs special purpose gear has been designed for specialized police, military, park rangers, EMS, and search and rescue groups. Many of these folks have to spend

extended time in the outdoors, regardless of the weather conditions, and need gear that works. Our special purpose gear has evolved from our range of proven expedition gear, and is made with specific fabrics and features required by the specialized groups to help them do their jobs.

**Joint Rescue Coordination Centres  
Booth #6**

JRCC Trenton  
PO Box 1000 Station Forces  
Astra ON  
Canada K0K 3W0  
Tel.: (613) 965-3660  
Fax: (613) 965-7190  
www.forces.gc.ca  
The Joint Rescue Coordination Centre (JRCC) booth for SARSCENE 2006 will be hosted by JRCC Trenton. The booth will be staffed by both Air Coordinators from the Department of National Defence and Marine Coordinators from the Canadian Coast Guard. Our experienced staff will provide information on the capabilities of the centres and the primary SAR resources employed to conduct rescue missions all across Canada.

**Kenwood Electronics Booth #35**

6070 Kestrel Road  
Mississauga ON L5T 1S8  
Tel.: (905) 670-7211  
Fax: (905) 670-7248  
bharvey@kenwood.ca  
www.kenwood.ca  
ISO 9001 manufacturer of Lowband, VHF, UHF, 900 and 900 MHz analog and digital communication transceivers including mobile, portable, base station, repeaters and trunking systems. Ancillary products include AVL/GPS, text messaging, MDT Terminals, and a full line of accessories.

**Lifesaving Society Booth #49**

287 McArthur Avenue  
Ottawa ON K1L 6P3  
Tel.: (613) 746-5694  
experts@lifesaving.ca  
www.lifesaving.ca  
The Lifesaving Society is a not-for-profit organization dedicated to providing Canadians with comprehensive water safety expertise. As Canada's only representative on the International Lifesaving Federation, the Lifesaving Society is the Canadian authority in

swimming, lifesaving, lifeguarding and drowning prevention education.

**M.D. Charlton Booth #42**

P.O. Box 153  
Brentwood Bay BC V8M 1R3  
Tel.: (250) 652-5266  
Fax: (250) 652-4700  
liz@mdcharlton.ca  
www.mdcharlton.ca  
M.D. Charlton is one of the largest law enforcement and emergency services distributors in Canada. For over 25 years, we have been providing customers with quality equipment and honest, reliable service that is second to none. With offices across Canada, we are ready to take care of your SAR needs from portable field desks to flashlights! We offer you only the finest equipment with exclusive lines, such as Storm cases, WileyX protective eyewear and ASP batons. We are also very pleased to be the exclusive Canadian distributor for TacWear, CoolMax and Nomex performance clothing. We look forward to seeing you at SARSCENE!

**Mustang Survival Corp. Booth #34**

3810 Jacombs Road  
Richmond BC V6V 1Y6  
Tel.: (604) 270-8631 / 1 800 661-6181  
Fax: (604) 273-5882  
lberbert@mustangsurvival.com  
www.mustangsurvival.com  
"WE SAVE LIVES FOR A LIVING." Mustang Survival is dedicated to the design, development, manufacture and marketing of personal flotation and survival garments serving land, sea and air environments. Mustang Survival is a proven product leader and continues to create innovative products through operational excellence and constant technological advancement.

**Neo-Paws International Booth #11**

125 River Street,  
Toronto ON M5A 3P5  
Tel.: 1-888-364-7463  
Fax: (416) 594-3882  
www.neopaws.com  
At Neo-Paws™ International we believe that an ounce of prevention is worth a pound of cure. Your dog's safety is of the utmost importance and it is an owner/handler's responsibility to ensure this. That's why we have designed a full line of high quality,

innovative and easy to use products with the animal's safety, comfort and performance in mind.

**Oceanid Water Rescue Craft Booth #55**

7277 Cascade  
Boise ID 83704  
Tel. and Fax: (208) 322-3600  
kris@oceanid.com  
www.oceanid.com  
Oceanid Water Rescue Craft produces the RDC emergency response craft designed specifically for ice, swift water, low head dam, and flood environments. The Rapid Deployment Craft can be towed behind an RWC or snowmobile or paddled through broken ice and water to provide rescuers with an exceptionally safe platform in a hazardous chaotic water environment.

**OEA Technologies Booth #9**

3650 Hammonds Plains Road  
Tantallon NS B3Z 4R3  
Tel.: (902) 441-2288  
bwhitehouse@oeatech.com  
www.oeatech.com  
With 200 units sold world-wide, CODAR SeaSonde® HF radars have become the coastal HF radar of choice. Whether it be for the U.S. or Japanese Coast Guard, or for a wide range of civilian coastal observing systems, CODAR HF radars are generating real-time synoptic surface current and wave maps for operations ranging from search and rescue to rapid environmental assessment. CODAR has various systems designed to meet specific applications, whether they be near shore or long range. OEA Technologies offers a range of consulting services pertaining to marine environmental monitoring and related technical requirements. Earth-observing satellites and coastal HF radars are our specialty.

**Ontario Drive and Gear Booth #48**

220 Bergey Court  
New Hamburg ON N3A 2J5  
Tel.: (519) 662-2840  
Fax: (519) 662-2421  
rwh@odg.com  
www.odg.com  
ARGO 8x8 Off-road amphibious vehicles. Some emergency tasks require the extra advantage that only the Argo can provide. The all terrain, amphibious ARGO 8x8 transports personnel and equipment to the site and

# EXHIBITOR PROFILES

evacuates the injured. Add the ARGO to your rescue fleet for the added assurance you need when the odds are stacked against you. Don't wait until your next emergency!

## **Parks Canada Agency Booth #7**

25 Eddy

Gatineau QC K1A 0M5

Tel.: (819) 997-1324

[www.pc.gc.ca](http://www.pc.gc.ca)

Parks Canada's Public Safety Program aims to minimize the number and severity of public safety incidents at National Parks and National Historic Sites and, fulfilling Parks Canada federal role in support of the National Search and Rescue Program. Parks Canada employs a risk-based approach to public safety programming and services provision, managed at the Field Unit level through Public Safety Plans. The Public Safety Program objectives are achieved through provision of prevention and search and rescue services in cooperation with other federal departments and agencies, other levels of government and non-governmental organizations.

## **PROCON Booth #36**

50 Glacier Street

Nepean ON K2J 1X1

Tel.: (613) 884-8006

[gordon.johnston@sympatico.ca](mailto:gordon.johnston@sympatico.ca)

PROCON provides location based service through its specialized GPS products, call center systems, commercial tracking platforms, web tracking platforms, telephony solutions, and customer service systems. The company has expanded its emergency response expertise into SAR through the establishment of its Rescue Sub-Centre (PRSC) in the U.S. for the management and response to Personal Locator Beacons registered under its name.

## **Project Lifesaver International Booth # 53**

815 Battlefield Blvd. S.

Chesapeake VA 23322

Tel.: (877) 580-LIFE (5433)

Fax: (757) 546-5503

[contactus@projectlifesaver.org](mailto:contactus@projectlifesaver.org)

Project Lifesaver is a proactive, public safety program to locate missing persons suffering from dementia-type disorders that cause wandering such as, Alzheimer, Autism and Down Syndrome. Over 550 Police agencies participate in Project Lifesaver in the U.S. and now

Canada. It uses proven radio technology and a specially trained SAR team to locate missing people. In the past seven years, these agencies have saved over 1350 lives using electronic tracking equipment to quickly locate wanderers. The Project Lifesaver program helps first responders and SAR agencies reduce the time; money and staffing required to find a missing person. What used to take an average of 12 hours to locate a missing person, is now down to an average of 22 minutes.

## **Public Safety and Emergency Preparedness Canada Booth #15**

340 Laurier Avenue West

Ottawa ON K1A 0P8

[www.psepc-sppcc.gc.ca](http://www.psepc-sppcc.gc.ca)

[www.safecanada.ca](http://www.safecanada.ca)

Public Safety and Emergency Preparedness Canada (PSEPC) is Canada's lead department for public safety. We build and implement national policies for emergency management and national security. We help ensure community safety and encourage information sharing through our SafeCanada web portal. Visit us and add your organization to the SafeCanada site!

## **PWGSC — Government Satellite Services Booth #31**

11 Laurier St, PdP 5A2

Gatineau QC K1A 0S5

Tel.: (819) 956-2700

[www.pwgsc.gc.ca](http://www.pwgsc.gc.ca)

Beyond the reach of traditional telecommunications networks, GSS provides a portfolio of satellite solutions for federal and provincial/territorial governments and agencies. GSS offers a wide spectrum of capabilities — from Fixed Satellite Services to Mobile — providing a complete suite of voice/data communications services supporting multiple applications. GSS supports communications in remote locations on the land, in the air, or at sea.

## **The Québec Federation of Quad Clubs Booths #1 and #2**

4545 Avenue Pierre de Coubertin

Montréal QC H1V 3R2

Tel.: (514) 252-3050

Fax: (514) 252-2580

[www.fqccq.qc.ca](http://www.fqccq.qc.ca)

The Québec Federation of Quad Clubs is a non-profit organization which works to develop

recreational all-terrain vehicle activities in the province. The federation is composed of more than 145 clubs representing more than 60 000 riders. It provides insurance, trail maintenance and training to its membership.

## **Royal Canadian Mounted Police Booth #47**

1200 Vanier Parkway

Ottawa ON K1A 0R2

Tel.: (613) 993-3542

[Robert.lajoie@rcmp-grc.gc.ca](mailto:Robert.lajoie@rcmp-grc.gc.ca)

[www.rcmp-grc.gc.ca](http://www.rcmp-grc.gc.ca)

The RCMP provides SAR response services under provincial policing service agreements. The RCMP response is focused on ground and inland water SAR. The RCMP also assists other federal departments in the fulfillment of their mandates in air and marine search and rescue.

## **Rutter Technologies Inc. Booth # 38**

70 Brookfield Road

St. John's NL A1E 3T9

Tel.: (709) 368-4213

Fax: (709) 368-1337

[info@ruttertech.com](mailto:info@ruttertech.com)

[www.ruttertech.com](http://www.ruttertech.com)

Rutter Technologies is a market-driven applied research and technology company that develops and markets products meeting the specific needs of the global marine transportation community. We are proud to serve the marine community with industry leading products and welcome you to visit us at SARSCENE 2006!

## **Salamander Technologies Booth #23**

Canadian Safety Equipment Inc.

2465 Cawthra Road, Unit 114

Mississauga ON L5A 3P2

Tel.: 1-800-265-0182

Fax: (905) 272-1866

[info@cdnsafety.com](mailto:info@cdnsafety.com)

[www.salamandertechnologies.com](http://www.salamandertechnologies.com)

Salamander Technologies is the USA's leading provider of accountability solutions. Combining manual and electronic accountability, fireTRAX is a simple, scalable, NIMS compliant solution for incident management.

## **Salus Marine Wear Inc. Booth #24**

24 Duke Street W.

Kitchener ON N2H 3X7

Tel.: (519) 579-3131

Fax: (519) 749-0041

[steve@salusmarine.com](mailto:steve@salusmarine.com)

www.salusmarine.com

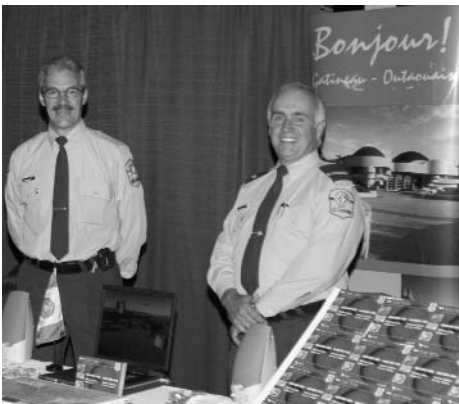
Manufacturer of Personal Flotation Devices (PFDs), recreation, coats and suits, white water rescue, shore-based and ice rescue gear. Two-time winner of CASBA award for innovation in PFDs. Official supplier to the Canadian Olympic Sailing Team.

**SARSCENE 2006 Local Host — La Sûreté du Québec Booth #25**

1701, rue Parthenais  
Montréal QC H2L 4K7

www.suretequebec.gouv.qc.ca

La Sûreté du Québec is the host of SARSCENE 2006. We are proud to welcome you to Gatineau and invite you to visit our booth to learn more about our organization's role in search and rescue in Québec. Enjoy SARSCENE 2006 and thank you for participating!



**SARSCENE 2007 Local Host — B.C. PEP Booth #20**

B.C. Provincial Emergency Program  
PO Box 9201 Stn Prov Govt  
Victoria, BC V8W 9J1

Tel: (250) 952-4913

Fax: (250) 952-4888

Join us for SARSCENE 2007 in beautiful Victoria, B.C., October 17-20 at the Victoria Conference Centre. B.C. P.E.P. is the local host and will work with B.C. SAR Association to make your SARSCENE 2007 experience a great one! Drop by our booth to find out what you can expect next year!

**Seimac Booths #59 and #60**

271 Brownlow Avenue  
Dartmouth NS B3B 1W6

Tel.: (902) 468-3007

Fax: (902) 468-3009

info@seimac.com

www.seimac.com

For over 27 years, Seimac has been providing radio and data acquisition products for customers in the SAR, military, research and oil and gas industries. The company designs, manufactures and markets a variety of products including COSPAS-SARSAT beacons, VHF radios and optical beacons, Spread Spectrum Radio Modems, a range of miniaturized ARGOS satellite radio transmitters and GOES satellite transmitters.

**SERABEC Booth #46**

316 Edey  
Gatineau QC J9J 2L5

info@serabec.org

www.serabec.org

Promotes aviation safety. Offers air search, electronic search of distress beacons, and electronic ground search services. Specializes in missing person and aircraft searches. Members are experienced in navigation and electronic search techniques. Belongs to the Association Civile de Recherche et de Sauvetage Aériens. Founded in 1983. Over 600 volunteer members.

**Sirius Wilderness Medicine Booth # 29**

1158 Duquette Street

Val-David QC J0T 2N0

Tel.: (819) 322-5815 / 1 877-982-0066

Fax: (819) 322-2019

info@siriusmed.com

www.siriusmed.com

Sirius Wilderness Medicine was founded in response to the increasing demand for comprehensive and realistic first aid training for outdoor professionals. Since its inception in 1990, Sirius has become established as the leader in Canadian wilderness emergency medical training.

**Tulmar Safety Systems Booth #58**

1123 Cameron St

Hawkesbury ON K6A 2R8

Tel.: (613) 632-1282

Fax: (613) 632-2030

www.tulmar.com

Tulmar Safety Systems provides textile

protective equipment and inflatable life support devices for military and commercial customers. Products include: life jackets and rafts, aviation training slides, inflatable shelters and ice/water rescue systems. We provide customer support during all phases of a product's life from design and development through production and life cycle management.

**Virtual Marine Technology Booths #3 and #4**

c/o Enthuzium, Faculty of Engineering and Applied Sciences

Memorial University of Newfoundland

St. John's NL A1B 3X5

Tel.: (709) 737-6765

www.vrtechnology.ca

Virtual Marine Technology Inc. (VMT) is focused on the development of niche training and prototyping simulator environments for the international marine industry. VMT Inc. is working with the Canadian Coast Guard Auxiliary Pacific (CCGA-P) to develop a suite of effective, flexible, and comprehensive training solutions for the CCGA-P's largely volunteer fast rescue craft crews. The simulator training solutions will prepare novice crew members for live-boat training starting with task familiarization, through to advanced training for crew level operations in an immersive environment.

**Zoll Medical Canada, Inc. Booth #14**

1750 Sismet Road Unit 1

Mississauga ON L4W 1R6

Tel.: (905) 629-5005

www.zollmedical.com

ZOLL Medical Corporation (NASDAQ: Zoll) designs, manufactures, markets and sells non-invasive resuscitation devices and software solutions. They include pacing and defibrillation devices (Zoll's M Series and AED Plus and LIFECOR Inc.'s LifeVest Wearable Defibrillator), circulatory assist devices and a fluid resuscitation product called the Power Infuser, manufactured by Infusion Dynamics.

Next year's SARSCENE will be in Victoria, British Columbia, from October 17-20, 2007, co-hosted by Emergency Management British Columbia, Provincial Emergency Program in cooperation with the B.C. Search and Rescue Association.